GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

Transmitted via Overnight Courier

March 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 February 2007 (GECD900)

Dear Mr. Tagliaferro and Ms. Steenstrup:

Enclosed are copies of General Electric's (GE's) monthly progress report for February 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/JAP

Richard W. Gates
Remediation Project Manager

Enclosure
V:\GE_Pittsfield_General\Reports and Presentations\Monthly Reports\2007\02-07 CD Monthly\Letter.doc

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, ARCADIS 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)

February 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)
FEBRUARY 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 January 1 through January 31, 2007, are provided in Attachment B to this report.

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

c. Work Plans/Reports/Documents Submitted

None

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

- Continue NPDES sampling and monitoring activities.

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

- Respond to comments and questions from EPA related to GE's revised draft *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP) and *Project Operations Plan* (POP), submitted to EPA on December 7, 2006, and upon resolution of those issues, submit final revised FSP/QAPP and POP.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

See Item d above relating to FSP/QAPP and POP.*

f. Proposed/Approved Work Plan Modifications

None

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

a. Activities Undertaken/Completed

Initiated preparation for 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

None

c. Work Plans/Reports/Documents Submitted

None

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

- 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.*

- Work on development of Final Completion Report for the 40s Complex.*

- Conduct 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.

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 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

ITEM 2
PLANT AREA
EAST STREET AREA 2-SOUTH
(GECD150)
FEBRUARY 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.*

f. Proposed/Approved Work Plan Modifications

None

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

a. Activities Undertaken/Completed

- Continued pre-demolition removal activities (including equipment and liquids) at Buildings 11, 16, and 16X.
- Initiated the asbestos removal program at Buildings 11, 16, and 16X.
- Conducted sampling of oil from equipment at Buildings 11 and 16, as identified in Table 3-1.
- Conducted sampling of oil from Building 8 yard transformers, as identified in Table 3-1.
- Completed excavation to repair gas line in front of Building 11. Soil has been covered and stockpiled awaiting transfer to the Hill 78 On-Plant Consolidation Area (OPCA).

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted to EPA evaluation of need for additional soil sampling, along with sampling proposal, for Woodlawn Avenue portion of East Street Area 2-North (February 5, 2007).*
- Provided EPA with draft addendum to previous GE proposal regarding the disposition of demolition debris from Buildings 7, 17, 17C, and 19 (February 1, 2007).*
- Provided MDEP with draft letter requesting its concurrence that GE's proposed on-site re-use of suitable crushed demolition debris from Buildings 7, 17, 17C, and 19 meets the substantive requirements of MDEP's regulations for the beneficial use of solid waste (February 1, 2007).

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

- Schedule initiation of demolition activities for Buildings 7, 17, 17C, and 19 following EPA approval of proposal for disposition of demolition debris.
- Continue pre-demolition removal activities at Buildings 11, 16, and 16X.
- Submit proposal to EPA regarding disposition of demolition debris from Buildings 11, 16, and 16X.

ITEM 3
(cont'd)
PLANT AREA
EAST STREET AREA 2-NORTH
(GECD140)
FEBRUARY 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 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 are under discussion with EPA and MDEP.*

f. Proposed/Approved Work Plan Modifications

None

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING FEBRUARY 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 & 16 Equipment Oil Sampling	C2002-1	1/22/07	Oil	SGS	PCB	2/12/07
Building 11 & 16 Equipment Oil Sampling	C2003-1	1/22/07	Oil	SGS	PCB	2/12/07
Building 11 & 16 Equipment Oil Sampling	C2004-1	1/22/07	Oil	SGS	PCB	2/12/07
Building 11 & 16 Equipment Oil Sampling	C2005-1	1/23/07	Oil	SGS	PCB	2/12/07
Building 11 & 16 Equipment Oil Sampling	C2006-1	1/23/07	Oil	SGS	PCB	2/12/07
Building 11 & 16 Equipment Oil Sampling	C2102-1	1/22/07	Oil	SGS	PCB	2/12/07
Building 11 & 16 Equipment Oil Sampling	C2121-1	1/22/07	Oil	SGS	PCB	2/12/07
Building 11 & 16 Equipment Oil Sampling	C2124-1	1/22/07	Oil	SGS	PCB	2/12/07
Building 11 & 16 Equipment Oil Sampling	C2130-1	1/22/07	Oil	SGS	PCB	2/12/07
Building 11 & 16 Equipment Oil Sampling	C2143-1	1/22/07	Oil	SGS	PCB	2/12/07
Building 11 & 16 Equipment Oil Sampling	C2152-1	1/22/07	Oil	SGS	PCB	2/12/07
Building 11 & 16 Equipment Oil Sampling	C2153-1	1/22/07	Oil	SGS	PCB	2/12/07
Building 11 & 16 Equipment Oil Sampling	C2154-1	1/22/07	Oil	SGS	PCB	2/12/07
Building 11 & 16 Equipment Oil Sampling	C2155-1	1/22/07	Oil	SGS	PCB	2/12/07
Building 11 & 16 Equipment Oil Sampling	C2156-1	1/22/07	Oil	SGS	PCB	2/12/07
Building 11 & 16 Equipment Oil Sampling	C2157-1	1/22/07	Oil	SGS	PCB	2/12/07
Building 11 & 16 Equipment Oil Sampling	C2158-1	1/22/07	Oil	SGS	PCB	2/12/07
Building 11 & 16 Equipment Oil Sampling	C2159-1	1/23/07	Oil	SGS	PCB	2/12/07
Building 11 & 16 Equipment Oil Sampling	C2160-1	1/23/07	Oil	SGS	PCB	2/12/07
Building 11 & 16 Equipment Oil Sampling	C2161-1	1/22/07	Oil	SGS	PCB	2/12/07
Building 11 & 16 Equipment Oil Sampling	C2162-1	1/23/07	Oil	SGS	PCB	2/12/07
Building 11 & 16 Equipment Oil Sampling	C2163-1	1/23/07	Oil	SGS	PCB	2/12/07
Building 11 & 16 Equipment Oil Sampling	C2164-1	1/22/07	Oil	SGS	PCB	2/12/07
Building 11 & 16 Equipment Oil Sampling	C2165-1	1/23/07	Oil	SGS	PCB	2/12/07
Building 11 & 16 Equipment Oil Sampling	C2176-1	1/22/07	Oil	SGS	PCB	2/12/07
Building 11 Characteristic Sampling	11-1-W1	1/24/07	Block	SGS	PCB	2/14/07
Building 11 Characteristic Sampling	11-1-W2	1/24/07	Block	SGS	VOC, SVOC, Metals	2/14/07
Building 11 Characteristic Sampling	11-1-W3	1/24/07	Block	SGS	PCB	2/14/07
Building 11 Characteristic Sampling	11-1-W4	1/24/07	Block	SGS	PCB	2/14/07
Building 11 Characteristic Sampling	11-1-W5	1/24/07	Concrete	SGS	VOC, SVOC, Metals	2/14/07
Building 11 Characteristic Sampling	11-1-W6	1/24/07	Concrete	SGS	PCB	2/14/07
Building 11 Characteristic Sampling	11-1-W7	1/24/07	Concrete	SGS	PCB	2/14/07
Building 11 Characteristic Sampling	11-1-W8	1/24/07	Concrete	SGS	VOC, SVOC, Metals	2/14/07
Building 11 Characteristic Sampling	11-1-W9	1/24/07	Block	SGS	PCB	2/14/07

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING FEBRUARY 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 Characteristic Sampling	11-2-F1	1/23/07	Concrete	SGS	PCB	2/14/07
Building 11 Characteristic Sampling	11-2-F2	1/23/07	Concrete	SGS	VOC, SVOC, Metals	2/14/07
Building 11 Characteristic Sampling	11-2-F3	1/23/07	Concrete	SGS	PCB	2/14/07
Building 11 Characteristic Sampling	11-2-F4	1/23/07	Concrete	SGS	PCB	2/14/07
Building 11 Characteristic Sampling	11-2-F5	1/23/07	Concrete	SGS	PCB	2/14/07
Building 11 Characteristic Sampling	11-2-W1	1/23/07	Brick	SGS	PCB	2/14/07
Building 11 Characteristic Sampling	11-2-W2	1/23/07	Concrete	SGS	PCB	2/14/07
Building 11 Characteristic Sampling	11-2-W3	1/23/07	Brick	SGS	VOC, SVOC, Metals	2/14/07
Building 11 Characteristic Sampling	11-2-W4	1/23/07	Brick	SGS	VOC, SVOC, Metals	2/14/07
Building 11 Characteristic Sampling	11-2-W5	1/23/07	Concrete	SGS	PCB	2/14/07
Building 11 Characteristic Sampling	11-3-F1	1/23/07	Concrete	SGS	PCB	2/14/07
Building 11 Characteristic Sampling	11-3-F2	1/23/07	Concrete	SGS	VOC, SVOC, Metals	2/14/07
Building 11 Characteristic Sampling	11-3-F3	1/23/07	Concrete	SGS	PCB	2/14/07
Building 11 Characteristic Sampling	11-3-F4	1/23/07	Concrete	SGS	PCB	2/14/07
Building 11 Characteristic Sampling	11-3-W1	1/23/07	Block	SGS	PCB	2/14/07
Building 11 Characteristic Sampling	11-3-W2	1/23/07	Brick	SGS	VOC, SVOC, Metals	2/14/07
Building 11 Characteristic Sampling	11-3-W3	1/23/07	Block	SGS	PCB	2/14/07
Building 11 Characteristic Sampling	11-3-W4	1/23/07	Brick	SGS	PCB	2/14/07
Building 11 Characteristic Sampling	11-DUP-1 (11-3-F3)	1/23/07	Concrete	SGS	PCB	2/14/07
Building 11 Characteristic Sampling	11-DUP-2 (11-1-W2)	1/24/07	Block	SGS	VOC, SVOC, Metals	2/14/07
Building 11 Characteristic Sampling	11-PH-F1	1/23/07	Concrete	SGS	PCB	2/14/07
Building 11 Characteristic Sampling	11-PH-W1	1/23/07	Concrete	SGS	VOC, SVOC, Metals	2/14/07
Building 11 Characteristic Sampling	11-TCLP-A-1	1/23/07	Mixed	SGS	TCLP - VOC, SVOC, Metals	2/14/07
Building 11 Characteristic Sampling	11-TCLP-A-2	1/24/07	Mixed	SGS	TCLP - VOC, SVOC, Metals	2/14/07
Building 16 Characteristic Sampling	16-1-W1	1/16/07	Concrete	SGS	PCB	2/9/07
Building 16 Characteristic Sampling	16-1-W2	1/16/07	Concrete	SGS	VOC, SVOC, Metals	2/9/07
Building 16 Characteristic Sampling	16-1-W3	1/16/07	Concrete	SGS	PCB	2/9/07
Building 16 Characteristic Sampling	16-1-W4	1/16/07	Concrete	SGS	VOC, SVOC, Metals	2/9/07
Building 16 Characteristic Sampling	16-1-W5	1/16/07	Concrete	SGS	PCB	2/9/07
Building 16 Characteristic Sampling	16-1-W6	1/16/07	Concrete	SGS	PCB	2/9/07
Building 16 Characteristic Sampling	16-1-W7	1/16/07	Concrete	SGS	VOC, SVOC, Metals	2/9/07
Building 16 Characteristic Sampling	16-1-W8	1/16/07	Concrete	SGS	PCB	2/9/07

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING FEBRUARY 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 16 Characteristic Sampling	16-2-F1	1/17/07	Concrete	SGS	VOC, SVOC, Metals	2/9/07
Building 16 Characteristic Sampling	16-2-F2	1/17/07	Concrete	SGS	PCB	2/9/07
Building 16 Characteristic Sampling	16-2-F3	1/17/07	Wood	SGS	PCB	2/9/07
Building 16 Characteristic Sampling	16-2-F4	1/17/07	Concrete	SGS	PCB	2/9/07
Building 16 Characteristic Sampling	16-2-W1	1/16/07	Brick	SGS	PCB	2/9/07
Building 16 Characteristic Sampling	16-2-W2	1/16/07	Concrete	SGS	VOC, SVOC, Metals	2/9/07
Building 16 Characteristic Sampling	16-2-W3	1/16/07	Concrete	SGS	VOC, SVOC, Metals	2/9/07
Building 16 Characteristic Sampling	16-2-W4	1/16/07	Concrete	SGS	PCB	2/9/07
Building 16 Characteristic Sampling	16-3-F1	1/18/07	Concrete	SGS	VOC, SVOC, Metals	2/9/07
Building 16 Characteristic Sampling	16-3-F2	1/18/07	Wood	SGS	PCB	2/9/07
Building 16 Characteristic Sampling	16-3-F3	1/18/07	Concrete	SGS	PCB	2/9/07
Building 16 Characteristic Sampling	16-3-F4	1/18/07	Concrete	SGS	PCB	2/9/07
Building 16 Characteristic Sampling	16-3-W1	1/18/07	Concrete/Brick	SGS	VOC, SVOC, Metals	2/9/07
Building 16 Characteristic Sampling	16-3-W2	1/18/07	Brick	SGS	PCB	2/9/07
Building 16 Characteristic Sampling	16-3-W3	1/18/07	Brick	SGS	VOC, SVOC, Metals	2/9/07
Building 16 Characteristic Sampling	16-3-W4	1/18/07	Concrete	SGS	PCB	2/9/07
Building 16 Characteristic Sampling	16-4-F1	1/17/07	Concrete	SGS	PCB	2/9/07
Building 16 Characteristic Sampling	16-4-F1	1/29/07	Concrete	SGS	VOC, SVOC, Metals	2/19/07
Building 16 Characteristic Sampling	16-4-F2	1/17/07	Concrete	SGS	PCB	2/9/07
Building 16 Characteristic Sampling	16-4-F3	1/17/07	Wood	SGS	PCB	2/9/07
Building 16 Characteristic Sampling	16-4-F4	1/17/07	Concrete	SGS	PCB	2/9/07
Building 16 Characteristic Sampling	16-4-W1	1/17/07	Brick	SGS	PCB	2/9/07
Building 16 Characteristic Sampling	16-4-W2	1/17/07	Concrete	SGS	VOC, SVOC, Metals	2/9/07
Building 16 Characteristic Sampling	16-4-W3	1/17/07	Concrete	SGS	PCB	2/9/07
Building 16 Characteristic Sampling	16-4-W4	1/17/07	Concrete	SGS	VOC, SVOC, Metals	2/9/07
Building 16 Characteristic Sampling	16-4-W5	1/17/07	Concrete	SGS	PCB	2/9/07
Building 16 Characteristic Sampling	16-5-F1	1/17/07	Concrete	SGS	PCB	2/9/07
Building 16 Characteristic Sampling	16-DUP-1 (16-1-W4)	1/16/07	Concrete	SGS	VOC, SVOC, Metals	2/9/07
Building 16 Characteristic Sampling	16-DUP-2 (16-4-W3)	1/17/07	Concrete	SGS	PCB	2/9/07
Building 16 Characteristic Sampling	16-TCLP-A-1	1/17/07	Concrete/Brick	SGS	TCLP - VOC, SVOC, Metals	2/9/07
Building 16 Characteristic Sampling	16-TCLP-B-1	1/18/07	Concrete/Brick	SGS	TCLP - VOC, SVOC, Metals	2/9/07
Building 8 Yard Transformers Oil Sampling	LCU8-1A-1	2/9/07	Oil	SGS	PCB	2/26/07
Building 8 Yard Transformers Oil Sampling	LCU8-1B-1	2/9/07	Oil	SGS	PCB	2/26/07

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING FEBRUARY 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	16-1-1-1	2/8/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-1-2-1	2/8/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-1-3-1	2/8/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-1-4-1	2/8/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-1-5-1	2/8/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-1-6-1	2/8/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-1-7-1	2/8/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-2-14-1	2/7/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-2-15-1	2/7/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-2-16-1	2/7/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-2-17-1	2/7/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-2-5-1	2/7/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-2-6-1	2/7/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-2-8-1	2/7/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-2-9-1	2/7/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-3-10-1	2/6/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-3-11-1	2/6/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-3-12-1	2/6/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-3-13-1	2/6/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-3-5-1	2/7/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-3-6-1	2/7/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-3-7-1	2/7/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-3-8-1	2/6/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-3-9-1	2/6/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2007-1	2/6/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2008-1	2/6/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2009-1	2/6/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2010-1	2/6/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2011-1	2/7/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2015-1	2/7/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2016-1	2/7/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2103-1	1/9/07	Oil	SGS	PCB	2/12/07

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING FEBRUARY 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	C2104-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2105-1	1/9/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2106-1	1/8/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2107-1	1/8/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2108-1	1/9/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2109-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2110-1	1/9/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2111-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2112-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2113-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2114-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2115-1	1/9/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2116-1	1/9/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2117-1	1/9/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2118-1	1/8/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2119-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2120-1	1/15/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2122-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2123-1	1/15/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2125-1	1/9/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2126-1	1/9/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2127-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2128-1	1/9/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2129-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2131-1	1/9/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2132-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2133-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2134-1	1/9/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2135-1	1/9/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2136-1	1/9/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2137-1	1/9/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2138-1	1/15/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2139-1	1/9/07	Oil	SGS	PCB	2/12/07

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING FEBRUARY 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	C2140-1	1/9/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2141-1	1/9/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2142-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2144-1	1/8/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2145-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2146-1	1/9/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2147-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2148-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2149-1	1/9/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2150-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2151-1	1/9/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2166-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2167-1	1/15/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2168-1	1/15/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2169-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2170-1	1/15/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2171-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2172-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2173-1	1/15/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2174-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2175-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2177-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2178-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2179-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2180-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2181-1	1/10/07	Oil	SGS	PCB	2/12/07
Buildings 11 & 16 Oil Sampling	C2239-1	2/7/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2242-1	2/8/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2243-1	2/8/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	F3649-1	2/8/07	Oil	SGS	PCB	

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

TABLE 3-2
PCB DATA RECEIVED DURING FEBRUARY 2007

BUILDING 16 CHARACTERISTIC SAMPLING
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1248	Aroclor-1242	Aroclor-1254	Aroclor-1260	Total PCBs
16-1-W1	1/16/2007	ND(0.050)	ND(0.050)	0.43	0.25	0.68
16-1-W3	1/16/2007	ND(5.0)	ND(5.0)	6.6	ND(5.0)	6.6
16-1-W5	1/16/2007	ND(0.49)	ND(0.49)	1.9	0.70	2.6
16-1-W6	1/16/2007	ND(4.9)	ND(4.9)	6.2	ND(4.9)	6.2
16-1-W8	1/16/2007	ND(0.050)	ND(0.050)	0.39	0.27	0.66
16-2-F2	1/17/2007	ND(0.48)	3.3	1.7	ND(0.48)	5.0
16-2-F3	1/17/2007	ND(1.0)	ND(1.0)	5.2	4.3	9.5
16-2-F4	1/17/2007	ND(0.051)	ND(0.051)	0.80	0.53	1.33
16-2-W1	1/16/2007	ND(0.050)	ND(0.050)	0.45	0.19	0.64
16-2-W4	1/16/2007	ND(0.045)	ND(0.045)	0.45	0.18	0.63
16-3-F2	1/18/2007	ND(0.10)	0.39	0.32	0.19	0.90
16-3-F3	1/18/2007	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
16-3-F4	1/18/2007	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
16-3-W2	1/18/2007	ND(0.49)	ND(0.49)	1.5	0.45 J	1.95
16-3-W4	1/18/2007	ND(0.049)	ND(0.049)	0.31	0.094	0.404
16-4-F1	1/17/2007	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
16-4-F2	1/17/2007	ND(0.048)	0.028 J	0.018 J	ND(0.048)	0.046 J
16-4-F3	1/17/2007	ND(0.16)	ND(0.16)	0.90	0.72	1.62
16-4-F4	1/17/2007	ND(0.049)	ND(0.049)	0.13	ND(0.049)	0.13
16-4-W1	1/17/2007	ND(0.44)	ND(0.44)	0.95	0.66	1.61
16-4-W3	1/17/2007	ND(0.045) [ND(0.051)]	ND(0.045) [ND(0.051)]	0.55 [0.87]	0.24 [0.34]	0.79 [1.21]
16-4-W5	1/17/2007	ND(0.051)	ND(0.051)	0.41	0.20	0.61
16-5-F1	1/17/2007	ND(0.050)	ND(0.050)	0.61	0.88	1.49

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).

TABLE 3-3
APPENDIX IX+3 DATA RECEIVED DURING FEBRUARY 2007

BUILDING 16 CHARACTERISTIC SAMPLING
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Date Collected:	16-1-W2 01/16/07	16-1-W4 01/16/07	16-1-W7 01/16/07	16-2-F1 01/17/07	16-2-W2 01/16/07	16-2-W3 01/16/07
Volatile Organics						
2-Butanone	ND(0.0046)	0.0039 J [ND(0.0051)]	ND(0.0048)	ND(0.0048)	0.0029 J	ND(0.0050)
Acetone	0.019	0.028 [0.023]	0.017	0.016	0.024	0.019
Toluene	0.0062	ND(0.0048) [ND(0.0051)]	0.0067	0.053	0.014	0.0070
Semivolatile Organics						
1,2,4-Trichlorobenzene	0.040 J	ND(0.33) [ND(0.32)]	0.044 J	ND(0.31)	ND(0.32)	ND(0.31)
Anthracene	ND(0.31)	ND(0.33) [ND(0.32)]	ND(0.32)	0.21 J	ND(0.32)	ND(0.31)
Benzo(a)anthracene	ND(0.31)	ND(0.33) [ND(0.32)]	ND(0.32)	ND(0.31)	ND(0.32)	ND(0.31)
bis(2-Ethylhexyl)phthalate	0.28 J	ND(0.33) [ND(0.32)]	0.21 J	ND(0.31)	1.0	0.14 J
Butylbenzylphthalate	ND(0.31)	ND(0.33) [ND(0.32)]	ND(0.32)	ND(0.31)	0.27 J	ND(0.31)
Chrysene	ND(0.31)	ND(0.33) [ND(0.32)]	ND(0.32)	0.050 J	0.041 J	ND(0.31)
Diethylphthalate	ND(0.31)	ND(0.33) [ND(0.32)]	ND(0.32)	ND(0.31)	0.054 J	ND(0.31)
Di-n-Butylphthalate	0.23 J	ND(0.33) [ND(0.32)]	0.73	ND(0.31)	0.51	0.20 J
Fluoranthene	0.049 J	ND(0.33) [0.051 J]	0.057 J	ND(0.31)	0.15 J	0.044 J
Isophorone	ND(0.31)	ND(0.33) [ND(0.32)]	ND(0.32)	0.21 J	ND(0.32)	ND(0.31)
Naphthalene	ND(0.31)	ND(0.33) [ND(0.32)]	ND(0.32)	0.053 J	ND(0.32)	ND(0.31)
Pentachlorophenol	ND(1.5)	ND(1.6) [ND(1.6)]	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)
Phenanthrene	ND(0.31)	0.039 J [0.070 J]	ND(0.32)	0.21 J	0.12 J	0.072 J
Pyrene	ND(0.31)	ND(0.33) [ND(0.32)]	ND(0.32)	0.074 J	0.092 J	ND(0.31)
Inorganics						
Antimony	0.0468 B	0.0888 B [0.105]	0.492	0.0319 B	0.0833 B	0.0696 B
Arsenic	7.65	6.77 [6.58]	3.91	6.47	9.75	9.14
Barium	108	94.1 [235]	185	61.0	127	106
Beryllium	0.192 B	0.663 B [0.829 B]	0.0587 B	1.16	ND(0.858)	0.218 B
Cadmium	0.0205 B	0.265 B [0.379 B]	0.187 B	0.0590 B	0.478 B	0.0545 B
Chromium	9.69	15.6 [15.6]	13.3	9.72	16.6	12.5
Cobalt	7.44	8.76 [8.16]	11.3	6.20	9.27	7.87
Copper	10.3	14.7 [12.8]	19.2	10.5	9.76	14.2
Lead	9.56	45.9 [184]	16.8	4.93	60.5	20.5
Mercury	0.0403	0.0143 B [0.0455]	0.0189	ND(0.0175)	0.00721 B	0.00618 B
Nickel	10.5	18.9 [16.8]	12.0	10.9	14.9	12.9
Selenium	ND(1.95)	0.667 B [ND(2.03)]	ND(1.81)	ND(1.87)	ND(1.72)	ND(1.88)
Vanadium	12.4	13.3 [12.6]	9.45	12.3	17.4	16.1
Zinc	71.5	73.4 [169]	163	27.0	142	80.3

TABLE 3-3
APPENDIX IX+3 DATA RECEIVED DURING FEBRUARY 2007

BUILDING 16 CHARACTERISTIC SAMPLING
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Date Collected:	16-3-F1 01/18/07	16-3-W1 01/18/07	16-3-W3 01/18/07	16-4-F1 01/29/07	16-4-W2 01/17/07	16-4-W4 01/17/07
Volatile Organics						
2-Butanone	ND(0.0048)	ND(0.0047)	ND(0.0044)	ND(0.0044)	ND(0.0045)	ND(0.0052)
Acetone	0.019	0.016	ND(0.0044)	0.0050	0.020	0.016
Toluene	0.016	0.030	0.012	0.0048	0.033	0.051
Semivolatile Organics						
1,2,4-Trichlorobenzene	ND(0.31)	ND(0.31)	ND(0.30)	ND(0.31)	ND(0.31)	ND(0.33)
Anthracene	ND(0.31)	ND(0.31)	ND(0.30)	ND(0.31)	ND(0.31)	0.32 J
Benzo(a)anthracene	ND(0.31)	ND(0.31)	0.053 J	ND(0.31)	ND(0.31)	ND(0.33)
bis(2-Ethylhexyl)phthalate	ND(0.31)	ND(0.31)	0.21 J	ND(0.31)	0.11 J	0.53
Butylbenzylphthalate	ND(0.31)	ND(0.31)	0.27 J	ND(0.31)	ND(0.31)	1.2
Chrysene	ND(0.31)	ND(0.31)	0.068 J	ND(0.31)	ND(0.31)	0.075 J
Diethylphthalate	ND(0.31)	ND(0.31)	ND(0.30)	ND(0.31)	ND(0.31)	0.079 J
Di-n-Butylphthalate	ND(0.31)	0.50	1.3	ND(0.31)	1.2	3.0
Fluoranthene	ND(0.31)	0.15 J	0.81	ND(0.31)	0.097 J	0.31 J
Isophorone	ND(0.31)	ND(0.31)	ND(0.30)	ND(0.31)	ND(0.31)	ND(0.33)
Naphthalene	ND(0.31)	ND(0.31)	ND(0.30)	ND(0.31)	ND(0.31)	ND(0.33)
Pentachlorophenol	ND(1.5)	ND(1.6)	1.1 J	ND(1.5)	ND(1.6)	0.92 J
Phenanthrene	0.090 J	0.24 J	1.3	ND(0.31)	0.084 J	0.31 J
Pyrene	ND(0.31)	0.084 J	0.44	ND(0.31)	0.066 J	0.19 J
Inorganics						
Antimony	0.0628 B	0.155 B	0.0463 B	ND(3.74)	0.0538 B	0.143 B
Arsenic	10.8	7.68	7.18	5.13	5.87	11.2
Barium	116	56.9	89.6	79.0	85.5	586
Beryllium	0.531 B	0.772 B	0.0284 B	0.865 B	0.0659 B	0.906 B
Cadmium	0.168 B	ND(0.944)	ND(0.945)	0.335 B	0.0527 B	0.230 B
Chromium	15.6	12.7	12.2	7.79	8.66	347
Cobalt	6.95	7.16	5.05	11.7	8.17	21.6
Copper	16.7	16.6	13.2	16.8	11.2	11.7
Lead	4.57	6.09	6.40	4.43	16.0	34.1
Mercury	0.00586 B	0.0220	0.00382 B	ND(0.0198)	0.00458 B	0.00623 B
Nickel	14.1	9.43	9.32	12.8	9.02	48.8
Selenium	ND(1.99)	ND(1.89)	ND(1.89)	ND(1.87)	ND(2.03)	ND(2.09)
Vanadium	24.9	22.7	18.4	11.3	11.1	50.2
Zinc	88.2	19.6	38.0	38.0	92.7	268

Notes:
1. Samples were collected by ARCADIS BBL, and submitted to SGS Environmental Services, Inc. for analysis of volatiles, semivolatiles and 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.
4. Only those constituents detected in one or more samples are summarized.

Data Qualifiers:

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

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

TABLE 3-4
TCLP DATA RECEIVED DURING FEBRUARY 2007

BUILDING 16 CHARACTERISTIC SAMPLING
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	16-TCLP-A-1 1/17/2007	16-TCLP-B-1 1/18/2007
Volatile Organics			
1,1-Dichloroethene	0.7	ND(0.010)	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)	ND(0.010)
2-Butanone	200	0.013 J	ND(0.25)
Benzene	0.5	ND(0.010)	ND(0.010)
Carbon Tetrachloride	0.5	ND(0.010)	ND(0.010)
Chlorobenzene	100	ND(0.010)	ND(0.010)
Chloroform	6	ND(0.010)	ND(0.010)
Tetrachloroethene	0.7	ND(0.010)	ND(0.010)
Trichloroethene	0.5	ND(0.010)	ND(0.010)
Vinyl Chloride	0.2	ND(0.010)	ND(0.010)
Semivolatile Organics			
1,4-Dichlorobenzene	7.5	ND(0.010)	ND(0.010)
2,4,5-Trichlorophenol	400	ND(0.010)	ND(0.010)
2,4,6-Trichlorophenol	2	ND(0.010)	ND(0.010)
2,4-Dinitrotoluene	0.13	ND(0.010)	ND(0.010)
Cresol	200	ND(0.010)	ND(0.010)
Hexachlorobenzene	0.13	ND(0.010)	ND(0.010)
Hexachlorobutadiene	0.5	ND(0.010)	ND(0.010)
Hexachloroethane	3	ND(0.010)	ND(0.010)
Nitrobenzene	2	ND(0.010)	ND(0.010)
Pentachlorophenol	100	ND(0.050)	0.039 J
Pyridine	5	ND(0.010)	ND(0.010)
Inorganics			
Arsenic	5	ND(0.200)	ND(0.200)
Barium	100	0.480 B	0.404 B
Cadmium	1	0.0125 B	0.00980 B
Chromium	5	0.0397 B	0.0191 B
Lead	5	ND(0.100)	ND(0.100)
Mercury	0.2	0.0000558 B	0.0000577 B
Selenium	1	ND(0.200)	ND(0.200)
Silver	5	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:

Organics (volatiles, semivolatiles)

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

Inorganics

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

TABLE 3-5
PCB DATA RECEIVED DURING FEBRUARY 2007

BUILDING 11 & 16 EQUIPMENT OIL SAMPLING
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
C2002-1	1/22/2007	ND(0.90)	ND(0.90)	ND(0.90)	ND(0.90)
C2003-1	1/22/2007	ND(0.92)	ND(0.92)	ND(0.92)	ND(0.92)
C2004-1	1/22/2007	ND(0.94)	ND(0.94)	ND(0.94)	ND(0.94)
C2005-1	1/23/2007	ND(0.94)	ND(0.94)	ND(0.94)	ND(0.94)
C2006-1	1/23/2007	ND(0.93)	ND(0.93)	ND(0.93)	ND(0.93)
C2102-1	1/22/2007	ND(0.90)	ND(0.90)	ND(0.90)	ND(0.90)
C2103-1	1/9/2007	ND(0.96)	ND(0.96)	ND(0.96)	ND(0.96)
C2104-1	1/10/2007	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)
C2105-1	1/9/2007	ND(0.92)	0.91 J	ND(0.92)	0.91 J
C2106-1	1/8/2007	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)
C2107-1	1/8/2007	ND(0.93)	ND(0.93)	ND(0.93)	ND(0.93)
C2108-1	1/9/2007	ND(0.95)	ND(0.95)	ND(0.95)	ND(0.95)
C2109-1	1/10/2007	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)
C2110-1	1/9/2007	ND(0.96)	ND(0.96)	ND(0.96)	ND(0.96)
C2111-1	1/10/2007	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)
C2112-1	1/10/2007	ND(0.95)	ND(0.95)	ND(0.95)	ND(0.95)
C2113-1	1/10/2007	ND(0.95)	ND(0.95)	ND(0.95)	ND(0.95)
C2114-1	1/10/2007	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)
C2115-1	1/9/2007	ND(0.93)	ND(0.93)	ND(0.93)	ND(0.93)
C2116-1	1/9/2007	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)
C2117-1	1/9/2007	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)
C2118-1	1/8/2007	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)
C2119-1	1/10/2007	ND(0.96)	ND(0.96)	ND(0.96)	ND(0.96)
C2120-1	1/15/2007	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)
C2121-1	1/22/2007	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)
C2122-1	1/10/2007	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)
C2123-1	1/15/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
C2124-1	1/22/2007	ND(0.94)	ND(0.94)	ND(0.94)	ND(0.94)
C2125-1	1/9/2007	ND(0.95)	ND(0.95)	ND(0.95)	ND(0.95)
C2126-1	1/9/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
C2127-1	1/10/2007	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)
C2128-1	1/9/2007	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)
C2129-1	1/10/2007	ND(0.94)	ND(0.94)	ND(0.94)	ND(0.94)
C2130-1	1/22/2007	ND(0.95)	ND(0.95)	ND(0.95)	ND(0.95)
C2131-1	1/9/2007	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)
C2132-1	1/10/2007	ND(0.95)	ND(0.95)	ND(0.95)	ND(0.95)
C2133-1	1/10/2007	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)
C2134-1	1/9/2007	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)
C2135-1	1/9/2007	ND(0.95)	ND(0.95)	ND(0.95)	ND(0.95)
C2136-1	1/9/2007	ND(0.96)	ND(0.96)	ND(0.96)	ND(0.96)
C2137-1	1/9/2007	ND(0.95)	ND(0.95)	ND(0.95)	ND(0.95)
C2138-1	1/15/2007	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)
C2139-1	1/9/2007	ND(0.95)	ND(0.95)	ND(0.95)	ND(0.95)
C2140-1	1/9/2007	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)
C2141-1	1/9/2007	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)
C2142-1	1/10/2007	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)
C2143-1	1/22/2007	ND(0.90)	ND(0.90)	ND(0.90)	ND(0.90)
C2144-1	1/8/2007	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)
C2145-1	1/10/2007	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)
C2146-1	1/9/2007	ND(0.96)	ND(0.96)	ND(0.96)	ND(0.96)
C2147-1	1/10/2007	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)
C2148-1	1/10/2007	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)
C2149-1	1/9/2007	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)

TABLE 3-5
PCB DATA RECEIVED DURING FEBRUARY 2007

BUILDING 11 & 16 EQUIPMENT OIL SAMPLING
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
C2150-1	1/10/2007	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)
C2151-1	1/9/2007	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)
C2152-1	1/22/2007	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)
C2153-1	1/22/2007	ND(0.96)	ND(0.96)	ND(0.96)	ND(0.96)
C2154-1	1/22/2007	ND(0.91)	ND(0.91)	ND(0.91)	ND(0.91)
C2155-1	1/22/2007	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)
C2156-1	1/22/2007	ND(0.95)	ND(0.95)	ND(0.95)	ND(0.95)
C2157-1	1/22/2007	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)
C2158-1	1/22/2007	ND(0.96)	ND(0.96)	ND(0.96)	ND(0.96)
C2159-1	1/23/2007	ND(0.91)	ND(0.91)	ND(0.91)	ND(0.91)
C2160-1	1/23/2007	ND(0.90)	ND(0.90)	ND(0.90)	ND(0.90)
C2161-1	1/22/2007	ND(0.94)	ND(0.94)	ND(0.94)	ND(0.94)
C2162-1	1/23/2007	ND(0.94)	ND(0.94)	ND(0.94)	ND(0.94)
C2163-1	1/23/2007	ND(0.95)	ND(0.95)	ND(0.95)	ND(0.95)
C2164-1	1/22/2007	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)
C2165-1	1/23/2007	ND(0.96)	ND(0.96)	ND(0.96)	ND(0.96)
C2166-1	1/10/2007	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)
C2167-1	1/15/2007	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)
C2168-1	1/15/2007	ND(0.95)	ND(0.95)	ND(0.95)	ND(0.95)
C2169-1	1/10/2007	ND(0.93)	ND(0.93)	ND(0.93)	ND(0.93)
C2170-1	1/15/2007	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)
C2171-1	1/10/2007	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)
C2172-1	1/10/2007	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)
C2173-1	1/15/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
C2174-1	1/10/2007	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)
C2175-1	1/10/2007	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)
C2176-1	1/22/2007	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)
C2177-1	1/10/2007	ND(0.92)	ND(0.92)	ND(0.92)	ND(0.92)
C2178-1	1/10/2007	ND(0.96)	ND(0.96)	ND(0.96)	ND(0.96)
C2179-1	1/10/2007	ND(0.94)	ND(0.94)	ND(0.94)	ND(0.94)
C2180-1	1/10/2007	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)
C2181-1	1/10/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)

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.

Data Qualifiers:

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

TABLE 3-6
PCB DATA RECEIVED DURING FEBRUARY 2007

BUILDING 11 CHARACTERISTIC SAMPLING
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
11-1-W1	1/24/2007	ND(0.49)	3.1	ND(0.49)	3.1
11-1-W3	1/24/2007	ND(1.0)	11	ND(1.0)	11
11-1-W4	1/24/2007	ND(4.8)	39	ND(4.8)	39
11-1-W6	1/24/2007	ND(0.051)	0.17	ND(0.051)	0.17
11-1-W7	1/24/2007	ND(0.051)	0.62	ND(0.051)	0.62
11-1-W9	1/24/2007	ND(4.7)	24	ND(4.7)	24
11-2-F1	1/23/2007	ND(0.045)	0.022 J	ND(0.045)	0.022 J
11-2-F3	1/23/2007	ND(0.25)	1.1	ND(0.25)	1.1
11-2-F4	1/23/2007	ND(0.050)	0.55	ND(0.050)	0.55
11-2-F5	1/23/2007	ND(0.048)	0.54	ND(0.048)	0.54
11-2-W1	1/23/2007	ND(0.24)	0.83	ND(0.24)	0.83
11-2-W2	1/23/2007	ND(50)	140	ND(50)	140
11-2-W5	1/23/2007	ND(48)	69	ND(48)	69
11-3-F1	1/23/2007	ND(0.044)	0.45	ND(0.044)	0.45
11-3-F3	1/23/2007	ND(0.25) [ND(0.25)]	2.0 [1.6]	ND(0.25) [ND(0.25)]	2.0 [1.6]
11-3-F4	1/23/2007	ND(0.049)	0.24	ND(0.049)	0.24
11-3-W1	1/23/2007	ND(4.0)	32	ND(4.0)	32
11-3-W3	1/23/2007	ND(4.1)	22	ND(4.1)	22
11-3-W4	1/23/2007	ND(0.044)	0.17	ND(0.044)	0.17
11-PH-F1	1/23/2007	ND(0.25)	1.1	ND(0.25)	1.1

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).

TABLE 3-7
APPENDIX IX+3 DATA RECEIVED DURING FEBRUARY 2007

BUILDING 11 CHARACTERISTIC SAMPLING
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Date Collected:	11-1-W2 01/24/07	11-1-W5 01/24/07	11-1-W8 01/24/07	11-2-F2 01/23/07	11-2-W3 01/23/07
Volatile Organics					
2-Butanone	ND(0.0044) [ND(0.0050)]	ND(0.0047)	ND(0.0047)	ND(0.0044)	ND(0.0043)
Acetone	0.027 [0.023]	0.019	0.018	0.030	0.014
Ethylbenzene	0.0038 J [0.0032 J]	ND(0.0047)	ND(0.0047)	ND(0.0044)	ND(0.0043)
Toluene	0.030 [0.024]	0.012	0.0033 J	0.031	ND(0.0043)
Xylenes (total)	0.020 [0.015]	0.0032 J	ND(0.0047)	ND(0.0044)	ND(0.0043)
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.31) [ND(0.32)]	ND(0.31)	ND(0.33)	ND(0.31)	ND(0.31)
2-Methylnaphthalene	0.14 J [0.16 J]	ND(0.31)	ND(0.33)	ND(0.31)	ND(0.31)
Benzo(a)anthracene	ND(0.31) [ND(0.32)]	ND(0.31)	ND(0.33)	ND(0.31)	ND(0.31)
Benzo(b)fluoranthene	ND(0.31) [ND(0.32)]	ND(0.31)	ND(0.33)	ND(0.31)	ND(0.31)
Benzyl Alcohol	ND(0.62) [ND(0.63)]	ND(0.63)	ND(0.65)	0.066 J	ND(0.62)
bis(2-Ethylhexyl)phthalate	0.12 J [0.14 J]	ND(0.31)	ND(0.33)	5.0	ND(0.31)
Butylbenzylphthalate	0.34 [0.40]	ND(0.31)	ND(0.33)	0.86	ND(0.31)
Chrysene	ND(0.31) [ND(0.32)]	ND(0.31)	ND(0.33)	ND(0.31)	ND(0.31)
Diethylphthalate	0.084 J [0.086 J]	ND(0.31)	ND(0.33)	ND(0.31)	ND(0.31)
Di-n-Butylphthalate	0.18 J [0.18 J]	0.076 J	ND(0.33)	ND(0.31)	ND(0.31)
Fluoranthene	ND(0.31) [ND(0.32)]	0.094 J	ND(0.33)	ND(0.31)	ND(0.31)
Isophorone	ND(0.31) [ND(0.32)]	ND(0.31)	0.52	0.091 J	ND(0.31)
Naphthalene	0.15 J [0.17 J]	0.050 J	ND(0.33)	ND(0.31)	ND(0.31)
Phenanthrene	0.18 J [0.21 J]	0.14 J	ND(0.33)	ND(0.31)	ND(0.31)
Pyrene	ND(0.31) [ND(0.32)]	ND(0.31)	ND(0.33)	ND(0.31)	ND(0.31)
Inorganics					
Arsenic	4.83 [5.69]	4.00	3.32	5.84	0.560 B
Barium	145 [171]	51.6	77.7	39.3	5.34 B
Beryllium	0.412 B [ND(0.993)]	0.0296 B	ND(1.05)	0.156 B	ND(1.00)
Cadmium	0.276 B [0.321 B]	0.472 B	0.460 B	0.359 B	0.0740 B
Chromium	9.38 [11.3]	7.00	11.9	12.6	1.09
Cobalt	7.59 [9.22]	7.02	4.65	6.25	2.12
Copper	25.2 [33.2]	13.4	8.84	10.8	1.46
Lead	2.37 [2.65]	10.1	39.7	3.95	0.348 B
Mercury	1.26 [1.48]	0.0205	0.0566	0.00622 B	ND(0.0189)
Nickel	12.6 [14.8]	10.8	6.95	10.1	1.96
Selenium	ND(2.02) [ND(1.99)]	ND(1.74)	ND(2.11)	ND(2.02)	1.14 B
Silver	0.114 B [0.141 B]	ND(0.870)	0.0959 B	0.0596 B	0.218 B
Thallium	ND(1.01) [ND(0.993)]	0.818 B	ND(1.05)	0.542 B	ND(1.00)
Vanadium	14.1 [16.7]	6.84	5.26 B	10.5	1.27 B
Zinc	20.2 [23.4]	43.9	24.8	28.5	0.902 B

TABLE 3-7
APPENDIX IX+3 DATA RECEIVED DURING FEBRUARY 2007

BUILDING 11 CHARACTERISTIC SAMPLING
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Date Collected:	11-2-W4 01/23/07	11-3-F2 01/23/07	11-3-W2 01/23/07	11-PH-W1 01/23/07
Volatile Organics				
2-Butanone	ND(0.0044)	0.0032 J	ND(0.0050)	ND(0.0049)
Acetone	ND(0.0044)	0.033	ND(0.0050)	0.021
Ethylbenzene	ND(0.0044)	ND(0.0047)	ND(0.0050)	ND(0.0049)
Toluene	0.0050	0.0099	ND(0.0050)	ND(0.0049)
Xylenes (total)	ND(0.0044)	ND(0.0047)	ND(0.0050)	ND(0.0049)
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(0.31)	ND(3.1)	ND(0.31)	0.066 J
2-Methylnaphthalene	ND(0.31)	ND(3.1)	ND(0.31)	0.10 J
Benzo(a)anthracene	ND(0.31)	ND(3.1)	ND(0.31)	0.069 J
Benzo(b)fluoranthene	ND(0.31)	ND(3.1)	ND(0.31)	0.082 J
Benzyl Alcohol	ND(0.62)	2.0 J	ND(0.62)	ND(0.63)
bis(2-Ethylhexyl)phthalate	0.071 J	33	ND(0.31)	0.047 J
Butylbenzylphthalate	ND(0.31)	5.2	ND(0.31)	ND(0.32)
Chrysene	ND(0.31)	ND(3.1)	ND(0.31)	0.076 J
Diethylphthalate	ND(0.31)	ND(3.1)	ND(0.31)	0.044 J
Di-n-Butylphthalate	0.044 J	ND(3.1)	ND(0.31)	0.085 J
Fluoranthene	ND(0.31)	ND(3.1)	ND(0.31)	0.12 J
Isophorone	ND(0.31)	ND(3.1)	ND(0.31)	ND(0.32)
Naphthalene	ND(0.31)	ND(3.1)	ND(0.31)	0.16 J
Phenanthrene	ND(0.31)	ND(3.1)	ND(0.31)	0.19 J
Pyrene	ND(0.31)	ND(3.1)	ND(0.31)	0.11 J
Inorganics				
Arsenic	1.38	4.99	0.951 B	6.73
Barium	6.20 B	46.4	8.50 B	211
Beryllium	0.176 B	ND(0.974)	ND(0.983)	ND(0.991)
Cadmium	0.144 B	0.412 B	0.0717 B	0.348 B
Chromium	1.32	8.90	1.25	11.4
Cobalt	1.25	5.08	1.60	8.88
Copper	4.94	9.83	1.65	29.9
Lead	ND(0.926)	3.99	ND(0.983)	2.28
Mercury	ND(0.0196)	0.236	ND(0.0201)	0.697
Nickel	1.48	8.41	1.08	14.7
Selenium	1.09 B	ND(1.95)	0.889 B	ND(1.98)
Silver	0.147 B	0.0643 B	0.230 B	0.104 B
Thallium	ND(0.926)	ND(0.974)	ND(0.983)	ND(0.991)
Vanadium	1.43 B	9.67	1.69 B	18.2
Zinc	0.945 B	25.7	0.889 B	66.2

Notes:
1. Samples were collected by ARCADIS BBL, and submitted to SGS Environmental Services, Inc. for analysis of volatiles, semivolatiles and 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.
4. Only those constituents detected in one or more samples are summarized.

Data Qualifiers:

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

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

TABLE 3-8
TCLP DATA RECEIVED DURING FEBRUARY 2007

BUILDING 11 CHARACTERISTIC SAMPLING
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	11-TCLP-A-1 1/23/2007	11-TCLP-A-2 1/24/2007
Volatile Organics			
1,1-Dichloroethene	0.7	ND(0.010)	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)	ND(0.010)
2-Butanone	200	ND(0.25)	ND(0.25)
Benzene	0.5	ND(0.010)	ND(0.010)
Carbon Tetrachloride	0.5	ND(0.010)	ND(0.010)
Chlorobenzene	100	ND(0.010)	ND(0.010)
Chloroform	6	ND(0.010)	ND(0.010)
Tetrachloroethene	0.7	ND(0.010)	ND(0.010)
Trichloroethene	0.5	ND(0.010)	ND(0.010)
Vinyl Chloride	0.2	ND(0.010)	ND(0.010)
Semivolatile Organics			
1,4-Dichlorobenzene	7.5	ND(0.010)	ND(0.010)
2,4,5-Trichlorophenol	400	ND(0.010)	ND(0.010)
2,4,6-Trichlorophenol	2	ND(0.010)	ND(0.010)
2,4-Dinitrotoluene	0.13	ND(0.010)	ND(0.010)
Cresol	200	ND(0.010)	ND(0.010)
Hexachlorobenzene	0.13	ND(0.010)	ND(0.010)
Hexachlorobutadiene	0.5	ND(0.010)	ND(0.010)
Hexachloroethane	3	ND(0.010)	ND(0.010)
Nitrobenzene	2	ND(0.010)	ND(0.010)
Pentachlorophenol	100	ND(0.050)	ND(0.050)
Pyridine	5	ND(0.010)	ND(0.010)
Inorganics			
Arsenic	5	ND(0.200)	ND(0.200)
Barium	100	0.192 B	0.345 B
Cadmium	1	ND(0.100)	ND(0.100)
Chromium	5	0.0449 B	0.0395 B
Lead	5	ND(0.100)	0.0224 B
Mercury	0.2	0.000130 B	0.000404 B
Selenium	1	ND(0.200)	ND(0.200)
Silver	5	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).

TABLE 3-9
PCB DATA RECEIVED DURING FEBRUARY 2007

BUILDING 8 YARD TRANSFORMERS OIL SAMPLING
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
LCU8-1A-1	2/9/2007	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)
LCU8-1B-1	2/9/2007	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)

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.

ITEM 5
PLANT AREA
HILL 78 & BUILDING 71 CONSOLIDATION AREAS
(GECD210/220)
FEBRUARY 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 February 2007 was 18,000 gallons (see Table 5-3).

- Conducted Tier I and Tier II data validation of all PCB analytical data for ambient air samples collected from the OPCA air monitors on January 10-11 and February 6-7, 2007. The Tier I/II data validation consisted of a review of all 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 February 10, 2006 proposed FSP/QAPP revisions and the Region I Data Validation Functional Guidelines referenced therein. The Tier I/II review resulted in no qualification of these data, as shown in Table 5-4. The PCB analytical data from these samples have an overall usability of 100%. The validated data from these events are provided in Table 5-5.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted letter to EPA providing information requested by EPA in a February 13, 2007 e-mail to GE relating to the remaining capacity and upcoming filling and capping activities for the Hill 78 OPCA (February 21, 2007).

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

None

ITEM 5
(cont'd)
PLANT AREA
HILL 78 & BUILDING 71 CONSOLIDATION AREAS
(GECD210/220)
FEBRUARY 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 FEBRUARY 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	02/06 - 02/07/07	Air	NEA	PCB	2/13/2007
PCB Ambient Air Sampling	Northwest of OPCAs	02/06 - 02/07/07	Air	NEA	PCB	2/13/2007
PCB Ambient Air Sampling	West of OPCAs	02/06 - 02/07/07	Air	NEA	PCB	2/13/2007
PCB Ambient Air Sampling	West of OPCAs colocated	02/06 - 02/07/07	Air	NEA	PCB	2/13/2007
PCB Ambient Air Sampling	North of OPCAs	02/06 - 02/07/07	Air	NEA	PCB	2/13/2007
PCB Ambient Air Sampling	Southeast of OPCAs	02/06 - 02/07/07	Air	NEA	PCB	2/13/2007
PCB Ambient Air Sampling	Pittsfield Generating (PGE)	02/06 - 02/07/07	Air	NEA	PCB	2/13/2007
PCB Ambient Air Sampling	Background East of Building 9B	02/06 - 02/07/07	Air	NEA	PCB	2/13/2007

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
Exceedances of Notification Level (0.05 µg/m^3)	None	None	None	None	None	None	None	

Notes:

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

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
February 2007

Month / Year	Total Volume of Leachate Transferred (Gallons)
February 2006	125,000
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

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 FEBRUARY 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											
07010065	BLK-011107-100	1/11/2007	Air	Tier II	No						
07010065	NW-011107-012	1/11/2007	Air	Tier II	No						
07010065	W-011107-301	1/11/2007	Air	Tier II	No						
07010065	WCO-011107-006	1/11/2007	Air	Tier II	No						
07010065	N-011107-002	1/11/2007	Air	Tier II	No						
07010065	SE-011107-202	1/11/2007	Air	Tier II	No						
07010065	PGE-011107-303	1/11/2007	Air	Tier II	No						
07010065	BK3-011107-001	1/11/2007	Air	Tier II	No						
07010065	FS-011107-112906	1/11/2007	Air	Tier II	No						
07020018	BLK-020707-100	2/7/2007	Air	Tier II	No						
07020018	NW-020707-012	2/7/2007	Air	Tier II	No						
07020018	W-020707-301	2/7/2007	Air	Tier II	No						
07020018	WCO-020707-006	2/7/2007	Air	Tier II	No						
07020018	N-020707-002	2/7/2007	Air	Tier II	No						
07020018	SE-020707-202	2/7/2007	Air	Tier II	No						
07020018	PGE-020707-303	2/7/2007	Air	Tier II	No						
07020018	BK3-020707-001	2/7/2007	Air	Tier II	No						
07020018	FS-020707-013007	2/7/2007	Air	Tier II	No						

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
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)

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

a. Activities Undertaken/Completed

Conducted supplemental soil sampling required under GE's Supplemental Data Letter, as conditionally approved by EPA, and as identified in Table 6-1.*

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted Supplemental Sampling Proposal for additional soil sampling along northern boundary of this area (February 16, 2007).*

- Submitted Supplemental Sampling Plan for Re-routing of Sanitary and Storm Sewer Pipelines, proposing supplemental soil sampling along proposed route for new pipeline installations (February 19, 2007).*

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

- Prepare a Second Supplemental Data Letter (due by March 21, 2007).*

- 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

Received EPA's e-mailed approval to postpone analysis of contingency soil samples collected from two locations to the south of the RAA (February 23, 2007).*

TABLE 6-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING FEBRUARY 2007

HILL 78 AREA-REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Second Supplemental Soil Sampling	RAA9-07-DUP-1 (RAA9-X2S)	2/13/07	1-6	Soil	SGS	PCB	2/19/07
Second Supplemental Soil Sampling	RAA9-B12	2/15/07	1-6	Soil	SGS	PCB	2/23/07
Second Supplemental Soil Sampling	RAA9-B12	2/15/07	6-15	Soil	SGS	PCB	2/23/07
Second Supplemental Soil Sampling	RAA9-C10	2/14/07	6-15	Soil	SGS	PCB	2/23/07
Second Supplemental Soil Sampling	RAA9-I18	2/14/07	6-15	Soil	SGS	PCB	2/23/07
Second Supplemental Soil Sampling	RAA9-J21	2/14/07	6-15	Soil	SGS	PCB	2/23/07
Second Supplemental Soil Sampling	RAA9-J22	2/13/07	1-6	Soil	SGS	PCB	2/21/07
Second Supplemental Soil Sampling	RAA9-X2	2/13/07	1-6	Soil	SGS	PCB	2/21/07
Second Supplemental Soil Sampling	RAA9-X2S	2/13/07	0-1	Soil	SGS	PCB	2/19/07
Second Supplemental Soil Sampling	RAA9-X2S	2/13/07	1-6	Soil	SGS	PCB	2/19/07
Second Supplemental Soil Sampling	RAA9-X3S	2/13/07	0-1	Soil	SGS	PCB	2/19/07
Second Supplemental Soil Sampling	RAA9-X3S	2/13/07	1-6	Soil	SGS	PCB	2/19/07
Second Supplemental Soil Sampling	RAA9-X5	2/13/07	0-1	Soil	SGS	PCB	Cancelled
Second Supplemental Soil Sampling	RAA9-X5	2/13/07	1-6	Soil	SGS	PCB	Cancelled
Second Supplemental Soil Sampling	RAA9-X6	2/13/07	0-1	Soil	SGS	PCB	Cancelled
Second Supplemental Soil Sampling	RAA9-X6	2/13/07	1-6	Soil	SGS	PCB	Cancelled
Second Supplemental Soil Sampling	RAA9-X7	2/13/07	0-1	Soil	SGS	PCB	2/19/07
Second Supplemental Soil Sampling	RAA9-X7	2/13/07	1-6	Soil	SGS	PCB	2/19/07

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

TABLE 6-2
PCB DATA RECEIVED DURING FEBRUARY 2007

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA9-B12	1-6	2/15/2007	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	6-15	2/15/2007	ND(0.035)	ND(0.035)	0.11	0.11
RAA9-C10	6-15	2/14/2007	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA9-I18	6-15	2/14/2007	ND(0.034)	0.057	0.090	0.147
RAA9-J21	6-15	2/14/2007	ND(0.032)	ND(0.032)	ND(0.032)	ND(0.032)
RAA9-J22	1-6	2/13/2007	ND(0.031)	ND(0.031)	ND(0.031)	ND(0.031)
RAA9-X2	1-6	2/13/2007	ND(0.037)	0.059	0.048	0.107
RAA9-X2S	0-1	2/13/2007	ND(0.18)	0.47	1.5	1.97
	1-6	2/13/2007	ND(0.035) [ND(0.035)]	0.17 [0.21]	0.22 [0.23]	0.39 [0.44]
RAA9-X3S	0-1	2/13/2007	ND(0.18)	0.83	1.3	2.13
	1-6	2/13/2007	ND(0.18)	1.3	0.54	1.84
RAA9-X7	0-1	2/13/2007	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	1-6	2/13/2007	ND(0.034)	0.042	0.089	0.131

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.

ITEM 7
PLANT AREA
UNKAMET BROOK AREA
(GECD170)
FEBRUARY 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).*

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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.*
- Submit a schedule for conducting initial flow monitoring activities (due by March 26, 2007).*
- Initiate sampling activities in accordance with EPA's conditional approval letter of February 22, 2007 (see Item 7.f below), as well as a letter from GE to EPA titled Addendum to Pre-Design Investigation Report, dated November 2, 2005 (conditionally approved by EPA in a letter to GE dated March 8, 2006).*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

Received a conditional approval letter from EPA dated February 22, 2007, relating to the following GE submittals: Pre-Design Investigation Report for Unkamet Brook; Proposal for Parcel L12-1-2 and Adjacent Portion of Merrill Road Right-of-Way; and Proposal for Initial Unkamet Brook Flow Monitoring.*

ITEM 8
FORMER OXBOW AREAS A & C
(GECD410)
FEBRUARY 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).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 9
LYMAN STREET AREA
(GECD430)
FEBRUARY 2007

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

a. Activities Undertaken/Completed

- Selected Remediation Contractor for area east of Lyman Street.

- Conducted characterization sampling of soils to be excavated using Toxicity Characteristic Leaching Procedure (TCLP), as identified in Table 9-1.

b. Sampling/Test Results Received

See attached tables. (Note: The data presented in Tables 9-2 and 9-3 are from a sample collected in August 2006. The laboratory did not send the analytical results until February 2007.)

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 west of Lyman Street (following EPA review of drafts).

- Submit Supplemental Information Package for area east of Lyman Street (due March 30, 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 FEBRUARY 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
Drum Sampling	BLDG78-F2818-0823	8/23/06	Soil	SGS	PCB, TCLP	2/9/07
Soil Sampling	WC-1	2/26/07	Soil	SGS	TCLP	
Soil Sampling	WC-2	2/26/07	Soil	SGS	TCLP	
Soil Sampling	WC-3	2/26/07	Soil	SGS	TCLP	

TABLE 9-2
PCB DATA RECEIVED DURING FEBRUARY 2007

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

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
BLDG78-F2818-0823	8/23/2006	ND(0.032)	ND(0.032)	ND(0.032)	ND(0.032)	ND(0.032)	ND(0.032)	ND(0.032)	ND(0.032)

Notes:
1. Sample was collected by ARCADIS BBL, and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 9-3 for a summary of TCLP constituents.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

TABLE 9-3
TCLP DATA RECEIVED DURING FEBRUARY 2007

DRUM 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	BLDG78-F2818-0823 8/23/2006
Volatile Organics		
1,1-Dichloroethene	0.7	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)
2-Butanone	200	0.016 J
Benzene	0.5	ND(0.010)
Carbon Tetrachloride	0.5	ND(0.010)
Chlorobenzene	100	ND(0.010)
Chloroform	6	ND(0.010)
Tetrachloroethene	0.7	ND(0.010)
Trichloroethene	0.5	ND(0.010)
Vinyl Chloride	0.2	ND(0.010)
Semivolatile Organics		
1,4-Dichlorobenzene	7.5	ND(0.010)
2,4,5-Trichlorophenol	400	ND(0.010)
2,4,6-Trichlorophenol	2	ND(0.010)
2,4-Dinitrotoluene	0.13	ND(0.010)
Cresol	200	ND(0.010)
Hexachlorobenzene	0.13	ND(0.010)
Hexachlorobutadiene	0.5	ND(0.010)
Hexachloroethane	3	ND(0.010)
Nitrobenzene	2	ND(0.010)
Pentachlorophenol	100	ND(0.050)
Pyridine	5	ND(0.010)
Inorganics		
Arsenic	5	ND(0.100)
Barium	100	0.518 B
Cadmium	1	0.00280 B
Chromium	5	0.00310
Lead	5	ND(0.100)
Mercury	0.2	ND(0.000570)
Selenium	1	ND(0.200)
Silver	5	ND(0.100)

Notes:
1. Sample was collected by ARCADIS BBL, and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 9-2 for a summary of PCBs.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

Data Qualifiers:

Data Qualifiers:

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

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

ITEM 10
NEWELL STREET AREA I
(GECD440)
FEBRUARY 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)

Complete preparation of draft Final Completion Report.

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)
FEBRUARY 2007

*** All activities described below for this item were conducted pursuant to or in connection with 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).
- Re-start shipments of soil excavated from Parcel J9-23-8 to the Port Arthur disposal facility.
- Continue preparation of draft Final Completion Report.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

None

ITEM 12
FORMER OXBOW AREAS J & K
(GECD420)
FEBRUARY 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).

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)
FEBRUARY 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 report presenting results of seepage meter study and evaluation of total organic carbon (TOC) content in isolation layer.

- Submit Annual Monitoring Report on Upper ½ Mile Reach.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

As noted above, GE plans to submit a report evaluating TOC content in the isolation layer in March 2006. 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

ITEM 14
HOUSATONIC RIVER AREA
1½ MILE REACH
(GECD820)
FEBRUARY 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 10 locations along the Housatonic River between Coltsville, MA and Great Barrington, MA on February 27-28, 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 (at Pomeroy Avenue Bridge on February 27, 2007 and at Lyman Street Bridge on February 28, 2007) 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 eight locations are discussed under Items 15 and 20 below.)

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

Continue Housatonic River monthly water column monitoring.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 14-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING FEBRUARY 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	1/24/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	2/9/07
Monthly Water Column Sampling	Location-4	2/28/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-6A	2/27/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-6A	1/24/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	2/9/07

TABLE 14-2
SAMPLE DATA RECEIVED DURING FEBRUARY 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	01/24/07	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.57	6.40	0.00050
LOCATION-6A	Pomeroy Ave. Bridge	01/24/07	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.43	5.90	0.00050

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)
FEBRUARY 2007

a. Activities Undertaken/Completed

- On GE's behalf, BBL performed a round of water column monitoring at 10 locations along the Housatonic River between Coltsville and Great Barrington, MA, on February 27-28, 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 seven locations, two are located upstream of the 1½ Mile Reach: Hubbard Avenue Bridge (Location 1) and Newell Street Bridge (Location 2). The five remaining locations are situated in the Rest of the River: Holmes Road Bridge (Location 7); New Lenox Road Bridge (Location 9); Woods Pond Headwaters (Location 10); Schweitzer Bridge (Location 12); and Division Street Bridge (Location 13). Sampling activities were performed on February 27, 2007 downstream to upstream from Division Street Bridge (Location 13) to Pomeroy Avenue Bridge (Location 6A). On February 28, 2007, sampling activities were performed downstream to upstream from Lyman Street Bridge (Location 4) to Hubbard Avenue Bridge (Location 1). 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.

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

b. Sampling/Test Results

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted Corrective Measures Study (CMS) Proposal (February 27, 2007).*

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

- Continue Housatonic River monthly water column monitoring
.
- Make presentations at CCC meetings regarding CMS Proposal.*

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

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

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 FEBRUARY 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)	1/24/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	2/9/07
Monthly Water Column Sampling	HR-D1 (Location-12)	2/27/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-1	1/24/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	2/9/07
Monthly Water Column Sampling	Location-1	2/28/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-10	1/24/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	2/9/07
Monthly Water Column Sampling	Location-10	2/27/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-12	1/24/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	2/9/07
Monthly Water Column Sampling	Location-12	2/27/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-13	1/24/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	2/9/07
Monthly Water Column Sampling	Location-13	2/27/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-2	2/28/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-2	1/24/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	2/9/07
Monthly Water Column Sampling	Location-7	2/27/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-7	1/24/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	2/9/07
Monthly Water Column Sampling	Location-9	1/24/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	2/9/07
Monthly Water Column Sampling	Location-9	2/27/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	

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

TABLE 15-2
SAMPLE DATA RECEIVED DURING FEBRUARY 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	01/24/07	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.50	4.35	0.00060
LOCATION-2	Newell Street Bridge	01/24/07	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.60	7.00	0.00040
LOCATION-7	Holmes Road Bridge	01/24/07	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.32	6.30	0.00080
LOCATION-9	New Lenox Road Bridge	01/24/07	ND(0.0000220)	ND(0.0000220)	0.0000270 AG	0.0000270	0.50	6.50	0.00070
LOCATION-10	Headwaters of Woods Pond	01/24/07	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.27	2.10	0.00050
LOCATION-12	Schweitzer Bridge	01/24/07 01/24/07	ND(0.0000220) [ND(0.0000220)]	ND(0.0000220) [ND(0.0000220)]	ND(0.0000220) [ND(0.0000220)]	ND(0.0000220) [ND(0.0000220)]	0.22 [0.25]	1.40 [2.90]	0.00050 0.00050
LOCATION-13	Division Street Bridge	01/24/07	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.16	1.50	0.00060

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:

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)
FEBRUARY 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)

- If required by EPA, submit additional information relating to previously proposed soil removal actions at certain Phase 2 floodplain properties.

- Select a Remediation Contractor for soil removal actions at certain Phase 2 floodplain properties following receipt of EPA approval of such actions.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

None

ITEM 18
HOUSATONIC RIVER FLOODPLAIN
CURRENT RESIDENTIAL PROPERTIES
DOWNSTREAM OF CONFLUENCE
(ACTUAL/POTENTIAL LAWNS)
(GECD730)
FEBRUARY 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)
FEBRUARY 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)
FEBRUARY 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 February 27, 2007 as identified in Table 20-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled Activities (next six weeks)

- Submit letter report on bank soil removal associated with Pilot Study of sediment capping.

- Conduct 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.

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 FEBRUARY 2007

SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Monthly Water Column Sampling	Location-4A	1/24/07	Water	NEA	PCB, TSS	2/7/07
Monthly Water Column Sampling	Location-4A	2/28/07	Water	NEA	PCB, TSS	

TABLE 20-2
SAMPLE DATA RECEIVED DURING FEBRUARY 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	1/24/2007	ND(0.0000220)	0.0000730 PB	0.0000300 PD	ND(0.0000220)	ND(0.0000220)	0.000103	3.00

Notes:

1. Sample was 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 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.

ITEM 21
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
FEBRUARY 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. No LNAPL was recovered from the North Caisson in February. Approximately 0.4 gallon of LNAPL was recovered from the Southside Caisson in February.

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

East Street Area 2-South:

- Conducted sampling of oil from GMA1-19 for flashpoint, as identified in Table 21-1.

- Continued automated groundwater and LNAPL removal activities. A total of approximately 3,003,958 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 629 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 32 gallons of DNAPL were removed from pumping system RW-3(X) during February.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 4.084 liters (1.077 gallons) of LNAPL were removed from wells in this area during February. No DNAPL was removed from wells in this area during February.

- Treated/discharged 3,307,974 gallons of water through 64G Groundwater Treatment Facility.

- Initiated 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)
FEBRUARY 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 February.

20s, 30s, and 40s Complexes:

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

Lyman Street Area:

- Continued automated groundwater and NAPL removal activities. A total of approximately 170,181 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 February.

- Continued routine well monitoring and NAPL removal activities. No LNAPL was removed from wells in this area during February. Approximately 1.561 liters (0.412 gallons) of DNAPL were removed from wells in this area during February.

Newell Street Area II:

- Continued automated DNAPL removal activities. A total of approximately 124.2 gallons of DNAPL was removed by System 2 in February.

- Continued routine well monitoring and NAPL removal activities including quarterly monitoring of select water table wells. Approximately 1.956 liters (0.516 gallons) of LNAPL were recovered from this area during February. No DNAPL was recovered from this area during February.

Silver Lake Area:

- Continued routine monitoring of lake level.

- Re-surveyed the established reference point for lake level measurements, at which time an error in the calculation of Silver Lake elevations was discovered (a new reference point was established following destruction of the former staff gauge, but not accounted for in the calculated lake elevations). Corrected lake level data for January 2007 is included in Table 21-15.

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

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted NAPL Monitoring Report for Fall 2006 (February 27, 2007).

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, contingent on EPA approval of the proposal contained in GE's Supplemental Groundwater Quality Monitoring Report for Fall 2006.
- 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.
- Remove broken staff gauge from Silver Lake. Surveyed reference point BM-SL-5 will continue to be used for lake level measurements.

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)
FEBRUARY 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

None

TABLE 21-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING FEBRUARY 2007

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Sampling of Well GMA1-19	GMA1-19-FP-1	2/9/07	Oil	SGS	Flashpoint	2/28/07

TABLE 21-2
DATA RECEIVED DURING FEBRUARY 2007

SAMPLING OF WELL GMA1-19
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Parameter	Sample ID: / Date Collected:	GMA1-19-FP-1 / 02/09/07
Conventionals		
Flashpoint (^{o}F)		>200

Notes:
1. Sample was collected by ARCADIS BBL, and submitted to SGS Environmental Services, Inc. for analysis of flashpoint.

TABLE 21-3
AUTOMATED LNAPL & GROUNDWATER RECOVERY SYSTEMS MONTHLY SUMMARY
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Caisson	Month	Vol. LNAPL Collected (gallon)	Vol. Water Recovered (gallon)	Percent Downtime
Northside	February 2006	1.0	27,700	
	March 2006	5.0	26,800	0.71
	April 2006	0.0	17,500	
	May 2006	0.0	20,500	
	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	
Southside	February 2006	0.0	98,500	
	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	

TABLE 21-4
ROUTINE WELL MONITORING
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
February 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	2/8/2007	18.29	18.28	0.01	---	19.80	0.00	979.56
North Caisson	997.84	2/16/2007	18.00	17.98	0.02	---	19.80	0.00	979.86
North Caisson	997.84	2/22/2007	18.21	18.20	0.01	---	19.80	0.00	979.64
North Caisson	997.84	2/28/2007	18.36	18.35	0.01	---	19.80	0.00	979.49
GMA 1 - East Street Area 1 - South									
31R	1,000.23	2/28/2007	9.45	---	0.00	---	15.04	0.00	990.78
33	999.50	2/28/2007	Buried Under Ice & Snow			---	---	0.00	NA
34	999.90	2/28/2007	Buried Under Ice & Snow			---	---	0.00	NA
72	1000.62	2/28/2007	7.28	---	0.00	---	22.05	0.00	993.34
72R	1000.92	2/28/2007	Buried Under Ice & Snow			---	---	0.00	NA
South Caisson	1001.11	2/8/2007	14.73	14.72	0.01	---	15.00	0.00	986.39
South Caisson	1001.11	2/16/2007	14.38	14.37	0.01	---	15.00	0.00	986.74
South Caisson	1001.11	2/22/2007	14.74	14.73	0.01	---	15.00	0.00	986.38
South Caisson	1001.11	2/28/2007	14.61	14.60	0.01	---	15.00	0.00	986.51

Notes:

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

TABLE 21-5
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
February 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	7.7		
	February 2007	5.5		
40R	February 2006	0		
	March 2006	0		
	April 2006	0		
	May 2006	0		
	June 2006	0		
	July 2006	0		
	August 2006	0		
	September 2006	0		
	October 2006	0		
	November 2006	0		
	December 2006	0		
	January 2007	0		
	February 2007	0		
64R	February 2006	375	899,800	
	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	12.5	211,062	
	December 2006	18.8	85,911	
	January 2007	50	225,994	
	February 2007	6.3	56,097	
64S System	February 2006	673	1,304,005	
	March 2006	1,285	1,078,733	2.14
	April 2006	558	696,282	5.36
	May 2006	51	668,110	1.79
	June 2006	327	1,061,071	0.93
	July 2006	472	732,853	0.93
	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	326.3	584460	10.71
64V [1]	February 2006	598	1,177,900	
	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	

TABLE 21-5
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
February 2007

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64X	February 2006	1	388,800	
	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	24.2	403,200	0.89
	October 2006	68.2	403,200	0.15
	November 2006	13.9	489,600	
	December 2006	14.9	446,400	
	January 2007	24.6	475,200	
	February 2007	2.8	403200	
RW-2(X)	February 2006	0	1,288,600	
	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	
RW-1(S) [2]	February 2006	27	1,042,895	
	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	
RW-1(X)	February 2006	0	381,500	
	March 2006	0	119,720	0.71
	April 2006	0	403,940	
	May 2006	0	385,828	
	July 2006	0	561,633	
	June 2006	0	369,041	
	August 2006	0	471,215	
	September 2006	1.1	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	

TABLE 21-5
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
February 2007

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
RW-3(X)	February 2006	20		
	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

Summary of Total Automated Removal		
Water:	**3,003,958**	**Gallons**
LNAPL:	**629**	**Gallons**
DNAPL:	**32**	**Gallons**

Notes:

1. The flow meter at recovery well 64V was reset in December 2004.
2. The flow meters at recovery wells RW-1(X), RW-2(X), 64X(W), and 64R were reset in March 2006.
3. The flow meter at recovery well RW-1(S) was reset in January 2007.

TABLE 21-6
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
February 2007

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	February 2007 Removal (liters)
East Street Area 2 - South						
25R	2/20/2007	24.40	22.80	1.60	0.987	0.99
48	2/20/2007	16.10	15.75	0.35	0.216	0.22
55	2/20/2007	17.03	16.60	0.43	0.265	0.27
95-04R	2/20/2007	14.85	14.14	0.71	0.438	0.44
GMA1-15	2/6/2007	15.60	15.32	0.28	0.173	0.80
	2/13/2007	16.07	15.58	0.49	0.302	
	2/20/2007	15.78	15.60	0.18	0.111	
	2/28/2007	16.15	15.80	0.35	0.216	
GMA1-16	2/6/2007	13.13	13.05	0.08	0.049	0.24
	2/13/2007	13.42	13.34	0.08	0.049	
	2/20/2007	13.51	13.40	0.11	0.068	
	2/28/2007	13.78	13.66	0.12	0.074	
GMA1-19	2/13/2007	12.50	11.35	1.15	0.709	1.14
	2/20/2007	11.67	11.33	0.34	0.019	
	2/28/2007	12.21	11.55	0.66	0.407	

Total LNAPL Removal East Street Area 2 - South for February 2007: 4.084 liters
1.077 gallons

Total LNAPL Removal for February 2007: 4.084 liters
1.077 gallons

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

TABLE 21-7
64G TREATMENT PLANT DISCHARGE DATA
GROUNDWATER MANAGEMENT AREA 1

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

Date	Housatonic River Discharge (gallons)	Recharge Pond Discharge (gallons)	Total Discharge (gallons)
February 2006	8,371,400	114,659	8,486,059
March 2006	5,301,850	200,184	5,502,034
April 2006	4,830,590	255,870	5,086,460
May 2006	5,110,840	263,791	5,374,631
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

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

TABLE 21-8
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
February 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									
13	990.88	2/20/2007	Well Buried Under Ice & Snow			---	---	0.00	NA
14	991.61	2/20/2007	Well Buried Under Ice & Snow			---	---	0.00	NA
19	983.59	2/6/2007	11.15	---	0.00	---	17.88	0.00	972.44
19	983.59	2/13/2007	11.35	---	0.00	---	17.84	0.00	972.24
19	983.59	2/21/2007	11.43	---	0.00	---	17.84	0.00	972.16
19	983.59	2/28/2007	11.65	---	0.00	---	17.83	0.00	971.94
25R	998.31	2/20/2007	24.40	22.80	1.60	---	30.76	0.00	975.40
26RR	1,000.58	2/20/2007	21.80	21.62	0.18	---	28.48	0.00	978.95
40R	991.60	2/20/2007	Dry at 13.10 ft			---	13.10	0.00	NA
48	992.39	2/20/2007	16.10	15.75	0.35	---	22.70	0.00	976.62
49R	988.71	2/20/2007	15.70	---	0.00	---	24.92	0.00	973.01
49RR	989.80	2/20/2007	16.65	---	0.00	---	23.04	0.00	973.15
55	989.45	2/20/2007	17.03	16.60	0.43	---	30.04	0.00	972.82
64R	993.37	2/8/2007	16.69	16.68	0.01	---	20.50	0.00	976.69
64R	993.37	2/16/2007	16.69	P	< 0.01	---	20.50	0.00	976.68
64R	993.37	2/22/2007	15.88	P	< 0.01	---	20.50	0.00	977.49
64R	993.37	2/28/2007	15.99	P	< 0.01	---	20.50	0.00	977.38
64S	984.48	2/8/2007	18.85	---	0.00	P	28.70	< 0.01	965.63
64S	984.48	2/16/2007	19.20	P	< 0.01	---	28.70	0.00	965.28
64S	984.48	2/22/2007	19.30	P	< 0.01	---	28.70	0.00	965.18
64S	984.48	2/28/2007	19.20	P	< 0.01	---	28.70	0.00	965.28
64S-Caisson	NA	2/8/2007	10.90	10.88	0.02	---	14.55	0.00	NA
64S-Caisson	NA	2/16/2007	10.98	10.97	0.01	---	14.55	0.00	NA
64S-Caisson	NA	2/22/2007	11.00	10.99	0.01	---	14.55	0.00	NA
64S-Caisson	NA	2/28/2007	10.80	10.79	0.01	---	14.55	0.00	NA
64V	987.29	2/8/2007	22.00	21.60	0.40	P	29.60	< 0.01	965.66
64V	987.29	2/16/2007	22.30	21.90	0.40	P	29.60	< 0.01	965.36
64V	987.29	2/22/2007	22.00	21.48	0.52	P	29.60	< 0.01	965.77
64V	987.29	2/28/2007	22.60	21.90	0.70	P	29.60	< 0.01	965.34
64X(N)	984.83	2/8/2007	12.18	12.17	0.01	---	15.85	0.00	972.66
64X(N)	984.83	2/16/2007	12.10	12.09	0.01	---	15.85	0.00	972.74
64X(N)	984.83	2/22/2007	12.39	12.38	0.01	---	15.85	0.00	972.45
64X(N)	984.83	2/28/2007	12.51	12.50	0.01	---	15.85	0.00	972.33
64X(S)	981.56	2/8/2007	15.40	15.37	0.03	---	23.82	0.00	966.19
64X(S)	981.56	2/16/2007	15.29	15.20	0.09	---	23.82	0.00	966.35
64X(S)	981.56	2/22/2007	14.50	14.43	0.07	---	23.82	0.00	967.13
64X(S)	981.56	2/28/2007	16.70	16.61	0.09	---	23.82	0.00	964.94
64X(W)	984.87	2/8/2007	18.45	18.44	0.01	---	24.35	0.00	966.43
64X(W)	984.87	2/16/2007	18.35	18.34	0.01	---	24.35	0.00	966.53
64X(W)	984.87	2/22/2007	18.69	18.68	0.01	---	24.35	0.00	966.19
64X(W)	984.87	2/28/2007	18.80	18.79	0.01	---	24.35	0.00	966.08
95-04R	988.70	2/20/2007	14.85	14.14	0.71	---	21.90	0.00	974.51
95-07R	994.91	2/20/2007	19.10	19.09	0.01	---	26.05	0.00	975.82
3-6C-EB-22	986.94	2/20/2007	14.30	---	0.00	---	20.01	0.00	972.64
E2SC-23	992.07	2/20/2007	16.70	---	0.00	---	21.14	0.00	975.37
E2SC-24	987.90	2/20/2007	15.62	---	0.00	---	21.61	0.00	972.28
GMA1-14	997.43	2/20/2007	18.85	---	0.00	---	23.25	0.00	978.58
GMA1-15	988.59	2/6/2007	15.60	15.32	0.28	---	17.84	0.00	973.25
GMA1-15	988.59	2/13/2007	16.07	15.58	0.49	---	17.84	0.00	972.98
GMA1-15	988.59	2/20/2007	15.78	15.60	0.18	---	17.84	0.00	972.98
GMA1-15	988.59	2/28/2007	16.15	15.80	0.35	---	17.84	0.00	972.77
GMA1-16	986.82	2/6/2007	13.13	13.05	0.08	---	19.97	0.00	973.76

TABLE 21-8
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
February 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)
GMA1-16	986.82	2/13/2007	13.42	13.34	0.08	---	19.97	0.00	973.47
GMA1-16	986.82	2/20/2007	13.51	13.40	0.11	---	19.96	0.00	973.41
GMA1-16	986.82	2/28/2007	13.78	13.66	0.12	---	19.96	0.00	973.15
GMA1-17E	993.03	2/20/2007	15.48	15.45	0.03	---	17.31	0.00	977.58
GMA1-19	984.28	2/6/2007	12.20	11.10	1.10	---	17.13	0.00	973.10
GMA1-19	984.28	2/13/2007	12.50	11.35	1.15	---	17.14	0.00	972.85
GMA1-19	984.28	2/20/2007	11.67	11.33	0.34	---	17.13	0.00	972.93
GMA1-19	984.28	2/28/2007	12.21	11.55	0.66	---	17.14	0.00	972.68
GMA1-20	983.49	2/6/2007	10.71	---	0.00	---	17.30	0.00	972.78
GMA1-20	983.49	2/13/2007	10.92	---	0.00	---	17.30	0.00	972.57
GMA1-20	983.49	2/21/2007	11.00	---	0.00	---	17.30	0.00	972.49
GMA1-20	983.49	2/28/2007	11.20	---	0.00	---	17.30	0.00	972.29
GMA1-21	985.68	2/6/2007	12.82	---	0.00	---	19.44	0.00	972.86
GMA1-21	985.68	2/13/2007	13.05	---	0.00	---	19.42	0.00	972.63
GMA1-21	985.68	2/21/2007	13.15	---	0.00	---	19.43	0.00	972.53
GMA1-21	985.68	2/28/2007	13.21	---	0.00	---	19.46	0.00	972.47
GMA1-22	988.45	2/6/2007	15.20	---	0.00	---	19.24	0.00	973.25
GMA1-22	988.45	2/13/2007	15.35	---	0.00	---	19.22	0.00	973.10
GMA1-22	988.45	2/21/2007	15.48	---	0.00	---	19.25	0.00	972.97
GMA1-22	988.45	2/28/2007	15.60	---	0.00	---	19.25	0.00	972.85
GMA1-23	986.16	2/6/2007	12.90	---	0.00	---	17.30	0.00	973.26
GMA1-23	986.16	2/13/2007	13.15	---	0.00	---	17.30	0.00	973.01
GMA1-23	986.16	2/21/2007	13.25	---	0.00	---	17.30	0.00	972.91
GMA1-23	986.16	2/28/2007	13.40	---	0.00	---	17.30	0.00	972.76
GMA1-24	983.81	2/6/2007	11.10	---	0.00	---	16.05	0.00	972.71
GMA1-24	983.81	2/13/2007	11.26	---	0.00	---	16.05	0.00	972.55
GMA1-24	983.81	2/21/2007	11.35	---	0.00	---	16.06	0.00	972.46
GMA1-24	983.81	2/28/2007	11.50	---	0.00	---	16.05	0.00	972.31
HR-G2-MW-1	982.60	2/20/2007	11.02	---	0.00	---	18.25	0.00	971.58
HR-G2-MW-2	981.39	2/20/2007	9.15	---	0.00	---	17.70	0.00	972.24
HR-G2-MW-3	987.14	2/20/2007	14.95	---	0.00	---	22.00	0.00	972.19
HR-G2-RW-1	976.88	2/20/2007	6.52	---	0.00	---	18.65	0.00	972.01
RW-1(S)	987.23	2/8/2007	19.20	19.00	0.20	---	28.60	0.00	968.22
RW-1(S)	987.23	2/16/2007	19.10	19.09	0.01	---	28.60	0.00	968.14
RW-1(S)	987.23	2/22/2007	19.05	19.01	0.04	---	28.60	0.00	968.22
RW-1(S)	987.23	2/28/2007	19.02	18.98	0.04	P	28.60	< 0.01	968.25
RW-1(X)	982.68	2/8/2007	14.30	14.26	0.04	---	20.80	0.00	968.42
RW-1(X)	982.68	2/16/2007	14.38	14.24	0.14	---	20.80	0.00	968.43
RW-1(X)	982.68	2/22/2007	14.20	14.12	0.08	---	20.80	0.00	968.55
RW-1(X)	982.68	2/28/2007	14.20	13.98	0.22	---	20.80	0.00	968.68
RW-2(X)	985.96	2/8/2007	13.40	---	0.00	---	15.30	0.00	972.56
RW-2(X)	985.96	2/16/2007	13.20	---	0.00	---	15.30	0.00	972.76
RW-2(X)	985.96	2/22/2007	13.59	---	0.00	---	15.30	0.00	972.37
RW-2(X)	985.96	2/28/2007	13.72	---	0.00	---	15.30	0.00	972.24
RW-3(X)	980.28	2/8/2007	8.90	---	0.00	43.02	44.40	1.38	971.38
RW-3(X)	980.28	2/16/2007	9.12	---	0.00	---	44.40	0.00	971.16
RW-3(X)	980.28	2/22/2007	9.20	---	0.00	42.90	44.40	1.50	971.08
RW-3(X)	980.28	2/28/2007	9.20	---	0.00	42.40	44.40	2.00	971.08

TABLE 21-8
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
February 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)
Housatonic River									
SG-HR-1	990.73	2/7/2007	19.81	See Note 7 regarding depth to water					970.92
SG-HR-1	990.73	2/13/2007	19.72	See Note 7 regarding depth to water					971.01
SG-HR-1	990.73	2/21/2007	19.70	See Note 7 regarding depth to water					971.03
SG-HR-1	990.73	2/28/2007	19.66	See Note 7 regarding depth to water					971.07

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity.
3. NA indicates information not available.
4. NM indicates information not measured.
5. P indicates that LNAPL is present at a thickness that is < 0.01 feet, the corresponding thickness is recorded as such.
6. Well HR-G2-RW-1 is constructed at an angle of 41.67 degrees from vertical. Depth to water data reflect measurements collected along the angled well casing. Groundwater elevations are corrected to account for the angle of the well casing.
7. A survey reference point (SG-HR-1) was established on the Newell Street Bridge. The "Depth to Water" value(s) provided in the above table refer to the vertical distance from the surveyed reference point to the water surface.

TABLE 21-9
ACTIVE RECOVERY SYSTEMS MONTHLY SUMMARY
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

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

Month / Year	Volume Water Pumped (gallon)	RW-1 DNAPL Recovered (gallon)	RW-1R LNAPL Recovered (gallon)	RW-3 LNAPL Recovered (gallon)
February 2005	409,113	--	--	5
March 2005	455,192	--	--	5
April 2005	425,145	--	--	5
May 2005	357,497	--	--	--
June 2005	422,006	--	--	10
July 2005	310,647	--	5	10
August 2005	302,572	--	--	--
September 2005	198,753	--	--	--
October 2005	314,247	--	--	--
November 2005	412,936	--	--	--
December 2005	332,721	--	--	--
January 2006	342,548	--	--	--
February 2006	336,595	--	--	--
March 2006	322,169	--	--	--
April 2006	245,626	--	--	--
May 2006	253,821	--	--	--
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

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 February 2007.

TABLE 21-10
MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	February 2007 Removal (liters)
LS-30	2/26/2007	14.40	21.40	0.80	0.494	0.494
LS-31	2/26/2007	14.30	22.65	0.67	0.413	0.413
LSSC-07	2/6/2007	11.22	24.85	0.23	0.142	0.642
	2/13/2007	11.35	24.73	0.35	0.216	
	2/21/2007	11.47	24.90	0.18	0.111	
	2/26/2007	11.45	24.80	0.28	0.173	
LSSC-08I	2/13/2007	12.90	23.34	0.02	0.012	0.012

Total Manual DNAPL Removal for February 2007: 1.561 liters
0.412 gallons

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
February 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)
LS-30	986.440	2/26/2007	14.40	---	0.00	21.40	22.20	0.80	972.04
LS-31	987.090	2/26/2007	14.30	14.15	0.15	22.65	23.32	0.67	972.93
LS-38	986.95	2/26/2007	16.20	---	0.00	---	25.05	0.00	970.75
LSSC-07	982.48	2/6/2007	11.22	---	0.00	24.85	25.08	0.23	971.26
LSSC-07	982.48	2/13/2007	11.35	---	0.00	24.73	25.08	0.35	971.13
LSSC-07	982.48	2/21/2007	11.47	---	0.00	24.90	25.08	0.18	971.01
LSSC-07	982.48	2/26/2007	11.45	---	0.00	24.80	25.08	0.28	971.03
LSSC-08I	983.13	2/6/2007	12.75	---	0.00	---	23.35	0.00	970.38
LSSC-08I	983.13	2/13/2007	12.90	---	0.00	23.34	23.36	0.02	970.23
LSSC-08I	983.13	2/21/2007	Buried under snow pile			---	--	0.00	NA
LSSC-08I	983.13	2/26/2007	Buried under snow pile			---	--	0.00	NA
LSSC-18	987.32	2/26/2007	14.94	---	0.00	---	18.58	0.00	972.38
RW-1	984.88	2/8/2007	12.50	---	0.00	---	21.00	0.00	972.38
RW-1	984.88	2/16/2007	12.01	12.00	0.01	---	21.00	0.00	972.88
RW-1	984.88	2/22/2007	12.79	P	< 0.01	---	21.00	0.00	972.09
RW-1	984.88	2/28/2007	12.88	---	0.00	---	21.00	0.00	972.00
RW-1 (R)	985.07	2/8/2007	16.70	P	< 0.01	P	20.42	< 0.01	968.37
RW-1 (R)	985.07	2/16/2007	15.78	P	< 0.01	P	20.42	< 0.01	969.29
RW-1 (R)	985.07	2/22/2007	14.88	P	< 0.01	P	20.42	< 0.01	970.19
RW-1 (R)	985.07	2/28/2007	15.90	P	< 0.01	P	20.42	< 0.01	969.17
RW-2	987.82	2/8/2007	14.71	---	0.00	---	21.75	0.00	973.11
RW-2	987.82	2/16/2007	14.59	---	0.00	---	21.75	0.00	973.23
RW-2	987.82	2/22/2007	15.65	---	0.00	---	21.75	0.00	972.17
RW-2	987.82	2/28/2007	14.85	---	0.00	---	21.75	0.00	972.97
RW-3	984.08	2/8/2007	16.62	16.59	0.03	---	21.57	0.00	967.49
RW-3	984.08	2/16/2007	16.02	15.93	0.09	---	21.57	0.00	968.14
RW-3	984.08	2/22/2007	16.52	16.50	0.02	---	21.57	0.00	967.58
RW-3	984.08	2/28/2007	16.62	16.59	0.03	---	21.57	0.00	967.49
Housatonic River (Lyman Street Bridge)									
BM-2A	986.32	2/7/2007	16.48	See Note 5 regarding depth to water					969.84
BM-2A	986.32	2/13/2007	16.51	See Note 5 regarding depth to water					969.81
BM-2A	986.32	2/21/2007	16.35	See Note 5 regarding depth to water					969.97
BM-2A	986.32	2/28/2007	16.40	See Note 5 regarding depth to water					969.92

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 21-12
ACTIVE DNAPL RECOVERY SYSTEMS MONTHLY SUMMARY
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1

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

Recovery System	Date	Total Gallons Recovered
System 2[1]	February 2006	--[2]
	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
Total Automated DNAPL Removal for February 2007:		124.2

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.

TABLE 21-13
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

CONSENT DECREE MONTHLY STATUS REPORT
GROUNDWATER MANAGEMENT AREA 1 - NEWELL STREET AREA II
MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL
February 2007

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	February 2007 Removal (liters)
N2SC-02	2/26/2007	11.65	38.35	0.02	0.01	0.012
N2SC-07	2/26/2007	10.98	35.70	0.05	0.03	0.031
N2SC-08	2/26/2007	12.10	38.10	3.10	1.91	1.913

Total DNAPL Removal for February 2007: 1.956 liters
0.516 gallons

Note:

1. ft BMP - feet Below Measuring Point.

TABLE 21-14
ROUTINE WELL MONITORING
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
February 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	984.99	2/26/2007	12.48	---	0.00	36.50	40.40	3.90	972.51
N2SC-01I(R)	986.01	2/8/2007	16.58	NM	NM	41.10	42.60	1.50	969.43
N2SC-01I(R)	986.01	2/16/2007	15.77	---	0.00	41.02	42.60	1.58	970.24
N2SC-01I(R)	986.01	2/22/2007	16.05	---	0.00	40.90	42.60	1.70	969.96
N2SC-01I(R)	986.01	2/28/2007	16.09	NM	NM	41.00	42.60	1.60	969.92
N2SC-02	985.56	2/26/2007	11.65	---	0.00	38.35	38.37	0.02	973.91
N2SC-03I	986.24	2/26/2007	11.01	---	0.00	35.70	37.75	2.05	975.23
N2SC-03I(R)	985.86	2/8/2007	13.88	NM	NM	38.51	41.10	2.59	971.98
N2SC-03I(R)	985.86	2/16/2007	14.02	---	0.00	38.80	41.10	2.30	971.84
N2SC-03I(R)	985.86	2/22/2007	14.09	---	0.00	38.80	41.10	2.30	971.77
N2SC-03I(R)	985.86	2/28/2007	14.21	NM	NM	38.71	41.10	2.39	971.65
N2SC-07	984.61	2/26/2007	10.98	---	0.00	35.70	35.75	0.05	973.63
N2SC-08	986.07	2/26/2007	12.10	---	0.00	38.10	41.20	3.10	973.97
N2SC-14	985.06	2/8/2007	14.60	NM	NM	38.80	40.00	1.20	970.46
N2SC-14	985.06	2/16/2007	14.6	---	0.00	38.90	40.00	1.10	970.46
N2SC-14	985.06	2/22/2007	14.8	---	0.00	38.90	40.00	1.10	970.26
N2SC-14	985.06	2/28/2007	14.88	NM	NM	38.80	40.00	1.20	970.18
NS-15R	NA	2/26/2007	11.30	---	0.00	---	19.01	0.00	NA
NS-30	985.99	2/26/2007	10.80	---	0.00	34.80	35.11	0.31	975.19
NS-32	986.20	2/26/2007	11.78	---	0.00	37.96	38.05	0.09	974.42

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 21-15
ROUTINE WELL MONITORING
SILVER LAKE AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
January and February 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)	Water Elev. (feet)
Staff Gauge within Silver Lake									
BM-SL-5	980.27	1/3/2007	4.45	See Note 4 regarding depth to water					975.82
BM-SL-5	980.27	1/10/2007	4.21	See Note 4 regarding depth to water					976.06
BM-SL-5	980.27	1/17/2007	4.30	See Note 4 regarding depth to water					975.97
BM-SL-5	980.27	1/24/2007	4.38	See Note 4 regarding depth to water					975.89
BM-SL-5	980.27	1/30/2007	4.28	See Note 4 regarding depth to water					975.99
BM-SL-5	980.27	2/7/2007	Frozen at 4.32 ft	See Note 4 regarding depth to water					NA
BM-SL-5	980.27	2/13/2007	Frozen at 4.30 ft	See Note 4 regarding depth to water					NA
BM-SL-5	980.27	2/21/2007	Frozen at 4.30 ft	See Note 4 regarding depth to water					NA
BM-SL-5	980.27	2/28/2007	4.32	See Note 4 regarding depth to water					975.95

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.
6. The January 2007 monitoring data has been revised following re-survey of the reference point and corrections to the calculations that were previous presented. The corrected data for that month is shown above.

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

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

a. Activities Undertaken/Completed

Continued routine river elevation monitoring.

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 river elevation monitoring.
- Conduct semi-annual groundwater elevation monitoring.
- Conduct supplemental sampling for PCBs at well GMA2-1 (early March 2007).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

A Baseline Assessment Final Report and Long-Term Monitoring Program Proposal will be submitted within 75 days of receipt of the final laboratory data packages from the March 2007 supplemental sampling activities.

TABLE 22-1
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 2

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
February 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)
Housatonic River (Foot Bridge)									
GMA2-SG-1	989.82	2/28/2007	17.25	See Note 2 regarding depth to water					972.57

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)
FEBRUARY 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 29.158 liters (7.69 gallons) of LNAPL were removed by the automatic skimmer located in well 51-21 and an additional 4.823 liters (1.27 gallons) of LNAPL were manually removed from the wells in this area (see Table 23-1).

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted NAPL Monitoring Report for Fall 2006 (February 27, 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 inspection of Building 51 and 59 to identify potential pathways for soil gas migration into the buildings.
- Submit results of Building 51 and 59 inspections and a subsurface soil gas and indoor air monitoring plan (due by March 18, 2007).
- 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)
FEBRUARY 2007

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

Received EPA's conditional approval of GE's September 15, 2006 Soil Gas Investigation Summary Report for GMA3 and GE's September 20, 2006 Soil Gas Migration Assessment Report for GMA 3 (February 15, 2007).

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

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	February 2007 Removal (liters)
51-08	2/6/2007	11.30	10.85	0.45	0.278	2.048
	2/13/2007	11.95	11.07	0.88	0.543	
	2/21/2007	11.85	11.10	0.75	0.463	
	2/27/2007	12.54	11.30	1.24	0.765	
51-17	2/27/2007	11.15	10.50	0.65	0.401	0.40
51-21	2/8/2007	16.02	P	< 0.01	4.164	29.16
	2/16/2007	15.69	P	< 0.01	6.246	
	2/22/2007	15.80	P	< 0.01	8.338	
	2/28/2007	15.98	15.97	0.01	10.410	
59-03R	2/27/2007	12.50	11.80	0.70	0.432	0.43
GMA3-10	2/13/2007	11.54	11.27	0.27	0.167	0.648
	2/21/2007	11.95	11.45	0.50	0.308	
	2/27/2007	11.84	11.56	0.28	0.173	
GMA3-12	2/21/2007	12.10	11.80	0.30	0.741	0.74
GMA3-13	2/6/2007	11.35	11.28	0.07	0.043	0.494
	2/13/2007	11.70	11.46	0.24	0.148	
	2/21/2007	11.90	11.60	0.30	0.185	
	2/27/2007	11.99	11.80	0.19	0.117	
UB-PZ-3	2/27/2007	12.57	12.40	0.17	0.059	0.06

Total Automated LNAPL Removal at well 51-21 for February 2007: 29.158 liters
7.69 Gallons

Total Manual LNAPL Removal at all other wells for February 2007: 4.823 liters
1.27 Gallons

Total LNAPL Removed for February 2007: 33.981 liters
8.97 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.

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

Submitted Groundwater Quality Monitoring Interim Report for Fall 2006 (February 27, 2007).

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
February 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	2/27/2007	18.00	---	0.00	---	26.25	0.00	985.95

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)
FEBRUARY 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 Baseline Assessment Final Report and Long-Term Monitoring Program Proposal (due by March 31, 2007).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ARCADIS BBL

Attachment A

NPDES Sampling Records
and Results
February 2007

TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING FEBRUARY 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-A7831	2/5/07	Water	Columbia	Oil & Grease	2/13/07
NPDES Sampling	001-A7873	2/5/07	Water	Accutest	PCB	2/21/07
NPDES Sampling	001-A7879	2/6/07	Water	Columbia	TSS	2/15/07
NPDES Sampling	005-A7856/A7857	1/23/07	Water	Accutest	PCB	2/5/07
NPDES Sampling	005-A7866/A7867	1/30/07	Water	Accutest	PCB	2/16/07
NPDES Sampling	005-A7881/A7883	2/6/07	Water	Accutest	PCB	2/21/07
NPDES Sampling	005-A7882/A7884	2/6/07	Water	Columbia	TSS, BOD	2/15/07
NPDES Sampling	005-A8001/A8002	2/13/07	Water	Accutest	PCB	2/26/07
NPDES Sampling	005-A8009/A8010	2/20/07	Water	Accutest	PCB	
NPDES Sampling	005-A8016/A8017	2/27/07	Water	Accutest	PCB	
NPDES Sampling	09B-A7868	1/30/07	Water	Columbia	TSS, BOD	2/5/07
NPDES Sampling	09B-A7878	2/5/07	Water	Columbia	TSS, BOD	2/13/07
NPDES Sampling	09B-A8000	2/12/07	Water	Columbia	TSS, BOD	2/21/07
NPDES Sampling	09C-A7859	1/26/07	Water	Columbia	Oil & Grease	2/5/07
NPDES Sampling	09C-A7869	2/2/07	Water	Columbia	Oil & Grease	2/13/07
NPDES Sampling	09C-A7888	2/8/07	Water	Columbia	Oil & Grease	2/21/07
NPDES Sampling	64G-A7791	2/12/07	Water	Columbia	Oil & Grease	2/21/07
NPDES Sampling	64G-A7863	1/29/07	Water	Columbia	Oil & Grease	2/5/07
NPDES Sampling	64G-A7876	2/5/07	Water	Columbia	Oil & Grease	2/13/07
NPDES Sampling	64G-A8006	2/19/07	Water	Columbia	Oil & Grease	2/28/07
NPDES Sampling	64G-A8013	2/26/07	Water	Columbia	Oil & Grease	
NPDES Sampling	64T-A7861	1/29/07	Water	Columbia	Oil & Grease	2/5/07
NPDES Sampling	64T-A7874	2/5/07	Water	Columbia	Oil & Grease	2/13/07
NPDES Sampling	64T-A7890	2/12/07	Water	Columbia	Oil & Grease	2/21/07
NPDES Sampling	64T-A8004	2/19/07	Water	Columbia	Oil & Grease	2/28/07
NPDES Sampling	64T-A8011	2/26/07	Water	Columbia	Oil & Grease	
NPDES Sampling	A7831C	1/9/07	Water	Aquatec	Acute Toxicity Test	2/5/07
NPDES Sampling	A7832R	1/9/07	Water	Aquatec	Acute Toxicity Test	2/5/07
NPDES Sampling	A7886C	2/6/07	Water	Aquatec	Acute Toxicity Test	
NPDES Sampling	A7886CCN	2/6/07	Water	Columbia	CN	2/15/07
NPDES Sampling	A7886CDM	2/6/07	Water	Columbia	Filtered Metals (8)	2/15/07
NPDES Sampling	A7886CTM	2/6/07	Water	Columbia	Metals (10)	2/15/07
NPDES Sampling	A7887R	2/6/07	Water	Aquatec	Acute Toxicity Test	
NPDES Sampling	A7887RCN	2/6/07	Water	Columbia	CN	2/15/07
NPDES Sampling	A7887RTM	2/6/07	Water	Columbia	Metals (10)	2/15/07

TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING FEBRUARY 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	FEB07WK1	1/30/07	Water	Columbia	Cu, Pb, Zn	2/5/07
NPDES Sampling	FEB07WK3	2/13/07	Water	Columbia	Cu, Pb, Zn	2/21/07
NPDES Sampling	FEB07WK4	2/20/07	Water	Columbia	Cu, Pb, Zn	2/28/07
NPDES Sampling	MAR07WK1	2/27/07	Water	Columbia	Cu, Pb, Zn	

TABLE A-2
DATA RECEIVED DURING FEBRUARY 2007

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

Parameter / Sample ID: / Date Collected:	001-A7831 02/05/07	001-A7873 02/05/07	001-A7879 02/06/07	005-A7856/A7857 01/23/07	005-A7866/A7867 01/30/07	005-A7881/A7883 02/06/07	005-A7882/A7884 02/06/07
PCBs-Unfiltered							
None Detected	NA	--	NA	--	--	--	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	ND(2.0)
Oil & Grease	ND(5.0)	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	1.50	NA	NA	NA	ND(1.00)

TABLE A-2
DATA RECEIVED DURING FEBRUARY 2007

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

Parameter / Sample ID: / Date Collected:	005-A8001/A8002 02/13/07	09B-A7868 01/30/07	09B-A7878 02/05/07	09B-A8000 02/12/07	09C-A7859 01/26/07	09C-A7869 02/02/07	09C-A7888 02/08/07	64G-A7791 02/12/07
PCBs-Unfiltered								
None Detected	--	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)	ND(2.0)	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)
Total Suspended Solids	NA	2.10	1.80	2.50	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING FEBRUARY 2007

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

Parameter / Sample ID: / Date Collected:	64G-A7863 01/29/07	64G-A7876 02/05/07	64G-A8006 02/19/07	64T-A7861 01/29/07	64T-A7874 02/05/07	64T-A7890 02/12/07	64T-A8004 02/19/07	A7886CCN 02/06/07
PCBs-Unfiltered								
None Detected	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	0.0347
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)	7.9	ND(5.0)	ND(5.0)	ND(5.0)	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING FEBRUARY 2007

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

Parameter / Sample ID: / Date Collected:	A7886CDM 02/06/07	A7886CTM 02/06/07	A7887RCN 02/06/07	A7887RTM 02/06/07	FEB07WK1 01/30/07	FEB07WK3 02/13/07	FEB07WK4 02/20/07
PCBs-Unfiltered							
None Detected	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered							
Aluminum	NA	ND(0.100)	NA	ND(0.100)	NA	NA	NA
Cadmium	NA	ND(0.00500)	NA	ND(0.00500)	NA	NA	NA
Calcium	NA	81.9	NA	19.5	NA	NA	NA
Chromium	NA	ND(0.0100)	NA	ND(0.0100)	NA	NA	NA
Copper	NA	ND(0.0200)	NA	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200)
Cyanide	NA	NA	ND(0.0100)	NA	NA	NA	NA
Lead	NA	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Magnesium	NA	33.9	NA	7.54	NA	NA	NA
Nickel	NA	ND(0.0400)	NA	ND(0.0400)	NA	NA	NA
Silver	NA	ND(0.0100)	NA	ND(0.0100)	NA	NA	NA
Zinc	NA	0.0263	NA	ND(0.0200)	0.0272	ND(0.0200)	ND(0.0200)
Inorganics-Filtered							
Aluminum	ND(0.100)	NA	NA	NA	NA	NA	NA
Cadmium	ND(0.00500)	NA	NA	NA	NA	NA	NA
Chromium	ND(0.0100)	NA	NA	NA	NA	NA	NA
Copper	ND(0.0200)	NA	NA	NA	NA	NA	NA
Lead	ND(0.00500)	NA	NA	NA	NA	NA	NA
Nickel	ND(0.0400)	NA	NA	NA	NA	NA	NA
Silver	ND(0.0100)	NA	NA	NA	NA	NA	NA
Zinc	0.0277	NA	NA	NA	NA	NA	NA
Conventionals							
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	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.
5. -- Indicates that all constituents for the parameter group were not detected.

ARCADIS BBL

Attachment B

NPDES Discharge
Monitoring Reports
January 2007

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	005 1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	01	01	TO	07	01	31

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

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

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
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	2.8	2.8	(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	******	0	(26) LBS/DY	******	******	0	(19) MG/L	0	01/07	GR
	PERMIT REQUIREMENT	******	135 DAILY MX	LBS/DY	******	******	15 DAILY MX	MG/L		WEEKLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS) 39516 T 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.0007	0.0010	(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	0.197	0.454	(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	2	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
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	01	01	TO	07	01	31

*** NO DISCHARGE ( ) ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		7.1	******	8.5	(12	0	99/99	RCDR
00400 1 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU SU		WEEKLY	GRAB
DIBENZOFURAN	SAMPLE MEASUREMENT	******	******		******	NODI [6]	NODI [6]	(22			
81302 1 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT 30 DAY AVG	REPORT DAILY MX	PPT		ONCE/ MONTH	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	M. T. Carroll	413 448-5902	2007	2	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 COMMENTS FOR 0051. SEE PAGE 8 + 9 OF PERMIT.

Form Approved.
OMB No. 2040-0004

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

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

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

MA0003891 — PERMIT NUMBER
064 G — DISCHARGE NUMBER

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

*** NO DISCHARGE ( ) ***

NOTE: Read Instructions before completing this form.

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	01	01	TO	07	01	31

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH	SAMPLE MEASUREMENT	******	******		7.5	******	7.7	(12	0	99/99	RCDR
00400 T Q 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU SU		WEEKLY	GRAB
BASE NEUTRALS & ACID (METHOD 625), TOTAL	SAMPLE MEASUREMENT	******	******		******	NODI [9]	NODI [9]	(19			
76020 T C 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
VOLATILE COMPOUNDS, (GC/MS)	SAMPLE MEASUREMENT	******	******		******	NODI [9]	NODI [9]	(19			
78732 T C 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2007	2	22
AREA CODE	NUMBER	YEAR	MO	DAY

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

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

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

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

MA0003891 — PERMIT NUMBER
007 1 — DISCHARGE NUMBER

MONITORING PERIOD

FROM YEAR	MO	DAY	TO YEAR	MO	DAY
07	01	01	07	01	31

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

*** NO DISCHARGE [X] ***

Form Approved.
OMB No. 2040-0004

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
TEMPERATURE, WATER DEG FAHRENHEIT 00011 1 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******			(15)			
	PERMIT REQUIREMENT	******	******	**** ****	******	70 MO AVG	75 DAILY MX	DEG. F		ONCE/ MONTH	GRAB
PH 00400 1 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******			******		(12)			
	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS) 39516 1 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******			(21)			
	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT			(03)	******	******	******				
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		ONCE/ MONTH	CALC
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	M. T. Carroll	413 448-5902	2007	2	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)*
SAMPLE AT MANHOLE PRIOR TO CITY STORM DRAIN.

Form Approved.
OMB No. 2040-0004

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

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

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

MA0003891 — PERMIT NUMBER
009 A — DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	01	01	TO	07	01	31

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

*** NO DISCHARGE [X] ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG. C) 00310 W C 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT			(26)	******	******	******				
	PERMIT REQUIREMENT	105 MO AVG	438 DAILY MX	LBS/D	******	******	******	**** ****		WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 W C 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT			(26)	******	******	******				
	PERMIT REQUIREMENT	210 MO AVG	876 DAILY MX	LBS/D	******	******	******	**** ****		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 W C 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT			(03)	******	******	******				
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		CONTINUOUS	RECORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

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	2	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)*
NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN. JEFFREY S. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EH&S&F

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

Form Approved.
OMB No. 2040-0004

MA0003891	009 B
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	01	01	TO	07	01	31

*** NO DISCHARGE [ ] ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
BOD 5-DAY (20 DEG C) 00310 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.01	0.04	(26) LBS/DY	******	******	******		0	01/07	CP
	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	3.98	14.2	(26) LBS/DY	******	******	******		0	01/07	CP
	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLAN 50050 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.069	0.393	(03) MGD	******	******	******		0	99/99	RC
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		CONTINUOUS	RECORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	448-5902	2007	2	22

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

SEE PAGE 11 OF PERMIT. SEE DMR 0091; SAMPLE AT 09B.

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

NAME GENERAL ELECTRIC CORPORATION

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

FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

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

Form Approved.
OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	009 1

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	01	01	TO	07	01	31

*** 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	0.01	0.04	(26) LBS/DY	******	******	******		0	01/07	CP
00310 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
PH	SAMPLE MEASUREMENT	******	******		6.7	******	7.1	(12) SU	0	01/07	GR
00400 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANGE-C
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	3.98	14.2	(26) LBS/DY	******	******	******		0	01/07	CP
00530 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	219 MO AVG	876 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
OIL & GREASE	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	0	(19) MG/L	0	01/07	GR
00556 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	438 DAILY MX	LBS/DY	******	******	15 DAILY MX	MG/L		WEEKLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	NODI [9]	NODI [9]	(19)			
39516 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.069	0.393	(03) MGD	******	******	******		0	99/99	RC
50050 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		CONTINUOUS	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2007	2	22
AREA CODE	NUMBER	YEAR	MO	DAY

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

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

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

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

MA0003891 — PERMIT NUMBER
SUM A — DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	01	01	TO	07	01	31

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

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

Form Approved.
OMB No. 2040-0004

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	******	0	(26)	******	******	******		0	01/30	CP
00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
NICKEL TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0	(26)	******	******	******		0	01/30	CP
01074 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
SILVER TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0	(26)	******	******	******		0	01/30	CP
01079 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
ZINC TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0.5	(26)	******	******	******		0	01/07	CP
01094 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
ALUMINUM, TOTAL (AS AL)	SAMPLE MEASUREMENT	******	2.7	(26)	******	******	******		0	01/30	CP
01105 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
CADMIUM TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0	(26)	******	******	******		0	01/30	CP
01113 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
LEAD TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0.06	(26)	******	******	******		0	01/07	CP
01114 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS

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

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

TELEPHONE: AREA CODE 413 | NUMBER 448-5902

DATE: YEAR 2007 | MO 2 | DAY 22

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
COMPOSITE PROPORTIONATE TO FLOW.

Form Approved.
OMB No. 2040-0004

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

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

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

MA0003891 — PERMIT NUMBER
SUM A — DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	01	01	TO	07	01	31

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

*** NO DISCHARGE | | ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
CHROMIUM TOTAL RECOVERABLE 01113 1 0 0 EFFLUENT GROSS VALU	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 VALU	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 VALU	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	01/30	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	448-5902	2007	2	22

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

COMPOSITE PROPORTIONATE TO FLOW.

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

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

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

Form Approved. OMB No. 2040-0004

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	01	01	TO	07	01	31

*** NO DISCHARGE | __ | ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
NOAEL STATRE 48HR AC U D. PULEX	SAMPLE MEASUREMENT	******	******		NODI [9]	******	******	(23)			
TDM3D 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	35 DAILY MN	******	******	PER-CENT		ONCE/ MONTH	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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Mgr. Pittsfield Remediation Prog.

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M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2007	2	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~~

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

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

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

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	SUM C

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	01	01	TO	07	03	31

Form Approved.
OMB No. 2040-0004

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

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

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	NUMBER	DATE YEAR	MO	DAY
413	448-5902	2007	2	22

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

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

ARCADIS BBL

Attachment C

NPDES Biomonitoring Report
February 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 7, 2007

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

Re: NPDES Biomonitoring Report for February 2007
Submission #: R2735512

Dear Mr. Nicholson:

Enclosed is our report on the Acute Whole Effluent Toxicity testing conducted in February 2007. The Outfall Composite samples were collected on 2/6/07 at 11:40 am. The Housatonic River samples were collected on 2/6/07 at 8:50 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
February 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 7, 2007

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I. Summary

On February 5-6, 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 February 6, 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 February 5-6, 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	100%
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	2.34g NaCl/L February 7, 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
February 5-6, 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	0.279	0.0624
Chloride	CAS	211	16.5
Total Alkalinity	CAS	352	74.0
Total Organic Carbon	CAS	ND (1.00)	ND (1.00)
Total Phosphorus	CAS	ND (0.0500)	ND (0.0500)
Total Solids	CAS	704	116
Total Suspended Solids	CAS	ND (1.00)	ND (1.00)
Hardness	Aquatec	324	78
Spec. Conductance (umhos)	Aquatec	1329	222
pH (SU)	Aquatec	8.0	7.6
TRC (start of toxicity test)	Aquatec	ND	ND
Cyanide	CAS	0.0347	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	0.0263	ND (0.0200)
Zinc, dissolved	CAS	0.02770	NA
pH (SU)	OB&G	8.02	7.66
Hardness	Aquatec	324	78

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 2, 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 February 6, 2007. The samples were transported to Aquatec Biological Sciences, Inc. by courier and delivered on the same day. The effluent sample (Sample 34256) was logged in for the acute 48-hour static toxicity test with *Daphnia pulex*. The receiving water sample (Sample 34527) was logged in for dilution water. A subsample of each sample was checked for residual chlorine (not detected) and for alkalinity and hardness measurements at Aquatec Biological Sciences, Inc. The toxicity test was started on February 7, 2007, within the specified holding time.

At the conclusion of the toxicity test on February 9, 2007, a final count of surviving organisms was completed. The average survival was 96 - 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 - 35

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 February 2007

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

SDG number: 10148
Effluent ID: Outfall Composite A7886C Aquatec sample number: 34256
Receiving water ID: Housatonic River A7887R Aquatec sample number: 34257

Study Director: John Williams

February 7, 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.

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

3/2/07
Date

for P. Downey

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

3/2/07
Date

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: 3/2/07

Authorized signature

John Williams
Name

Manager, Environmental Toxicology
Title

Aquatec Biological Sciences, Inc.
Laboratory

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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:	10148
Test material:	Composite effluent from the General Electric Company located in Pittsfield, Massachusetts
GE sample ID:	OUTFALL COMPOSITE A7886C
Dilution water:	Water from the Housatonic River (grab sample)
GE sample ID:	HOUSATONIC RIVER A7887R
Dates collected:	February 6, 2007
Date received:	February 6, 2007
Test dates:	February 7-9, 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 February 7-9, 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 A7886C) was collected by GE personnel February 6, 2007. The receiving water sample (Housatonic River A7887R) was a grab collected from the Housatonic River on February 6, 2007. Samples were delivered to Aquatec on the same day. Upon receipt at Aquatec on February 6, 2007, the temperature of the temperature blank contained within the cooler was 0.5°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 (7.5); dissolved oxygen (8.9 mg/L); conductivity (217 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

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

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

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

2.5 Test Procedures

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

The toxicity test was conducted at effluent concentrations of 100%, 75%, 50%, 35%, 15%, and 5% effluent. Test concentrations were prepared by diluting the appropriate volume of effluent with dilution water to a total volume of 400 mL. Test solutions were then decanted to five replicate 30-mL cups per concentration, each containing approximately 20 mL of test solution. Three sets of control replicates were also included in the test array, set up as the effluent replicates. The controls included: Housatonic River water (dilution control), a laboratory control (a mix of moderately hard water and Lamoille River, VT water), and a laboratory control with sodium thiosulfate added (dechlorination control). The dechlorination control was included in the test array even though residual chlorine was not detected in the effluent.

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

2.6 Test Monitoring

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

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

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

2.7 Reference Toxicant Test

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

3.0 Statistics

3.1 Statistical protocol

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

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

4.0 Results

4.1 Effluent Toxicity Test

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

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

4.2 Reference Toxicant Test

A standard reference toxicant (SRT) test was performed concurrently with the effluent toxicity test, using the same batch of daphnid neonates. The resulting 48-hour LC50, calculated by the Spearman-Karber method, was 2.340 g NaCl/L with 95% confidence intervals of 1.93-2.84 g/L. This LC50 value was within the Control Chart limits generated for tests in our laboratory.

5.0 Qualifiers

5.1 Qualifiers and Special Conditions

To the best of our knowledge, qualifiers or special conditions were not applicable to the reported toxicity test.

References

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

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

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

Parameter	Effluent OUTFALL COMPOSITE A7886C	Housatonic River A7887R HOUSATONIC RIVER A7887R
Temperature	20.2	20.2
pH	8.0	7.6
Alkalinity (as $CaCO_3$), mg/L	348	72
Hardness (as $CaCO_3$), mg/L	324	78
Dissolved oxygen, mg/L	9.1	9.0
Specific conductivity, uS/cm	1329	222
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, February 7-9, 2007.

Test Concentration (% effluent)	pH			Dissolved Oxygen (mg/L)			Temperature (°C)		
	0	24	48	0	24	48	0	24	48
Dechl. Control	7.6	-	7.4	8.9	-	8.9	20.1	20.2	20.4
Lab Control	7.5	-	7.6	8.9	-	8.8	20.0	20.2	20.2
Dilution Control	7.6	-	7.5	9.0	-	8.8	20.2	20.1	20.0
5%	7.7	-	7.8	9.1	-	8.9	20.4	19.9	20.2
15%	7.8	-	7.9	9.1	-	8.9	20.3	20.0	20.2
35%	7.9	-	8.1	9.1	-	8.8	20.3	20.2	20.2
50%	7.9	-	8.2	9.1	-	8.9	20.3	20.2	20.3
75%	8.0	-	8.3	9.1	-	8.9	20.2	20.1	20.4
100%	8.0	-	8.2	9.1	-	9.1	20.2	20.1	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, February 7-9, 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	0	0	0	0	0	0	0	0	0	0	0	0
5%	0	0	0	0	0	0	0	0	0	0	0	0
15%	0	0	0	0	0	0	0	0	0	0	0	0
35%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
75%	0	0	0	0	0	0	0	0	0	0	0	0
100%	0	0	0	0	0	0	0	0	0	0	0	0

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

Percent mortality = (# dead/5) X 100

Appendix 1
Chain-of-Custody Documentation

Aquatec Biological Sciences

Chain-of-Custody Record

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

COMPANY INFORMATION	COMPANY'S PROJECT INFORMATION	SHIPPING INFORMATION
Name: General Electric Company	Project Name: GE PITTSFIELD	Carrier:
Address: O'Brien & Gere	**Outfall Composite**	
1000 East Street, Gate 64	Project Number: 0700	Airbill Number:
City/State/Zip: Pittsfield, MA 01201	Sampler Name(s): SEAN C. COYLE	
Telephone: (413) 494-6709	NPDES Permit #: MA0003891	Date Shipped: 2-6-07
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 A7886C	2/6/07	11:40 AM		X	Effluent	*Daphnia pulex* 48-h Static Acute Toxicity (EPA Method 2021.0). Log in for A48DPS	1					
Outfall Composite A7886C	2/6/07	11:40 AM		X	Effluent	Total Residual Chlorine					1	
Housatonic River A7887R	2/6/07	8:50 AM	X		Receiving	Dilution Water	1					
(01) Housatonic River A7887R	2/6/07	8:50 AM	X		Receiving	Total Residual Chlorine					1	

Relinquished by: *(signature)*	DATE	TIME	Received by: *(signature)*
S. C. Coyle	2/6/07	2:45 PM	Richard H. Lapossare
Richard H. Lapossare	2/6/07	19:30	
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: 0.5 °C. Dechlorinate the effluent sample if chlorine is detected.

Appendix 2
Summary of Test Conditions

Client: GENERAL ELECTRIC, PITTSFIELD, MA, MA0003891 **SDG: 10148**

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 A7886C Test Start Date: 2/7/07

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: February 6, 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: 2/7/07

PERMIT LIMITS AND TEST RESULTS

Test Acceptability Criteria: Mean Control Survival: 100 (%)

	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

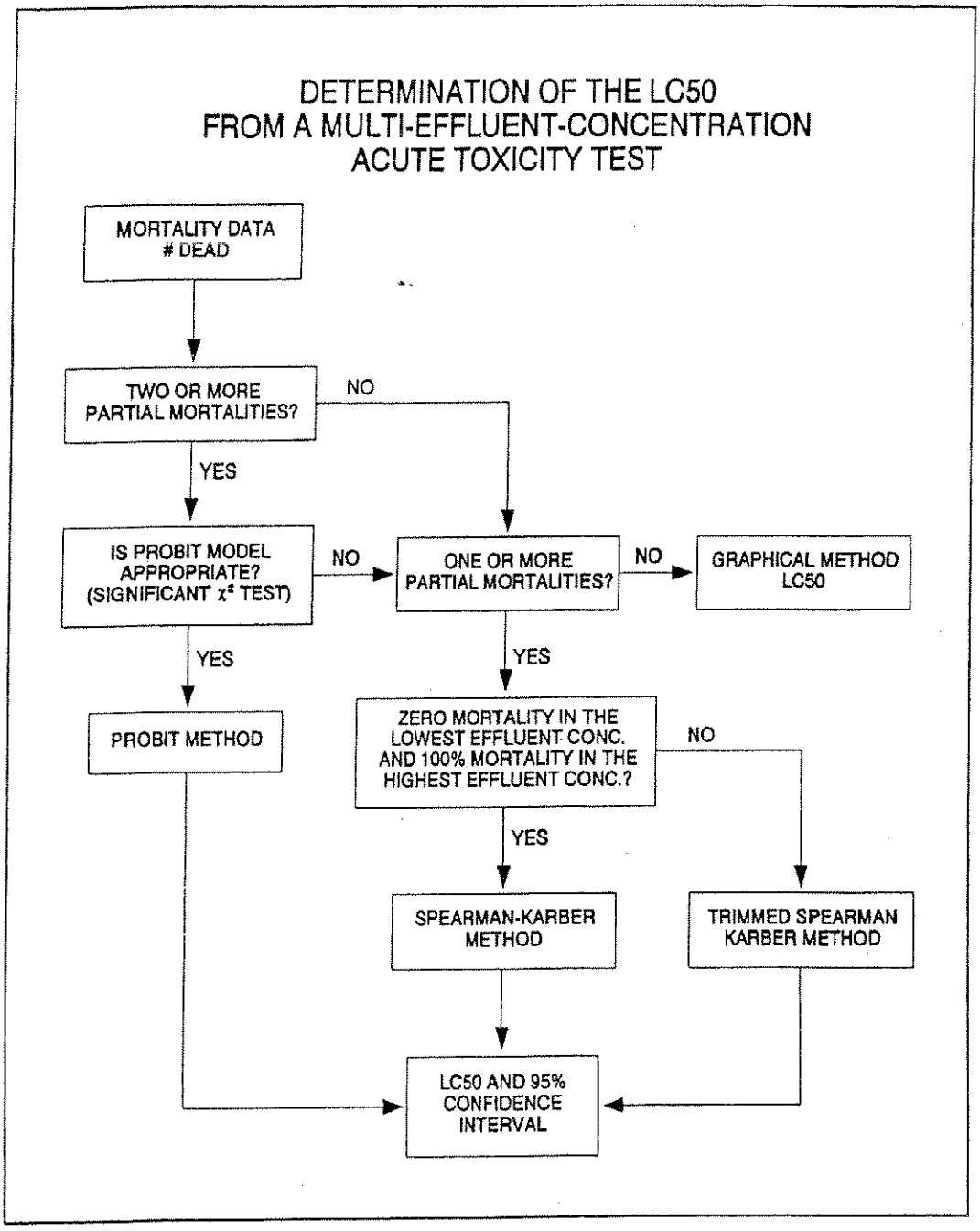


Figure 6. Flowchart for determination of the LC50 for multi-effluent-concentration acute toxicity tests.

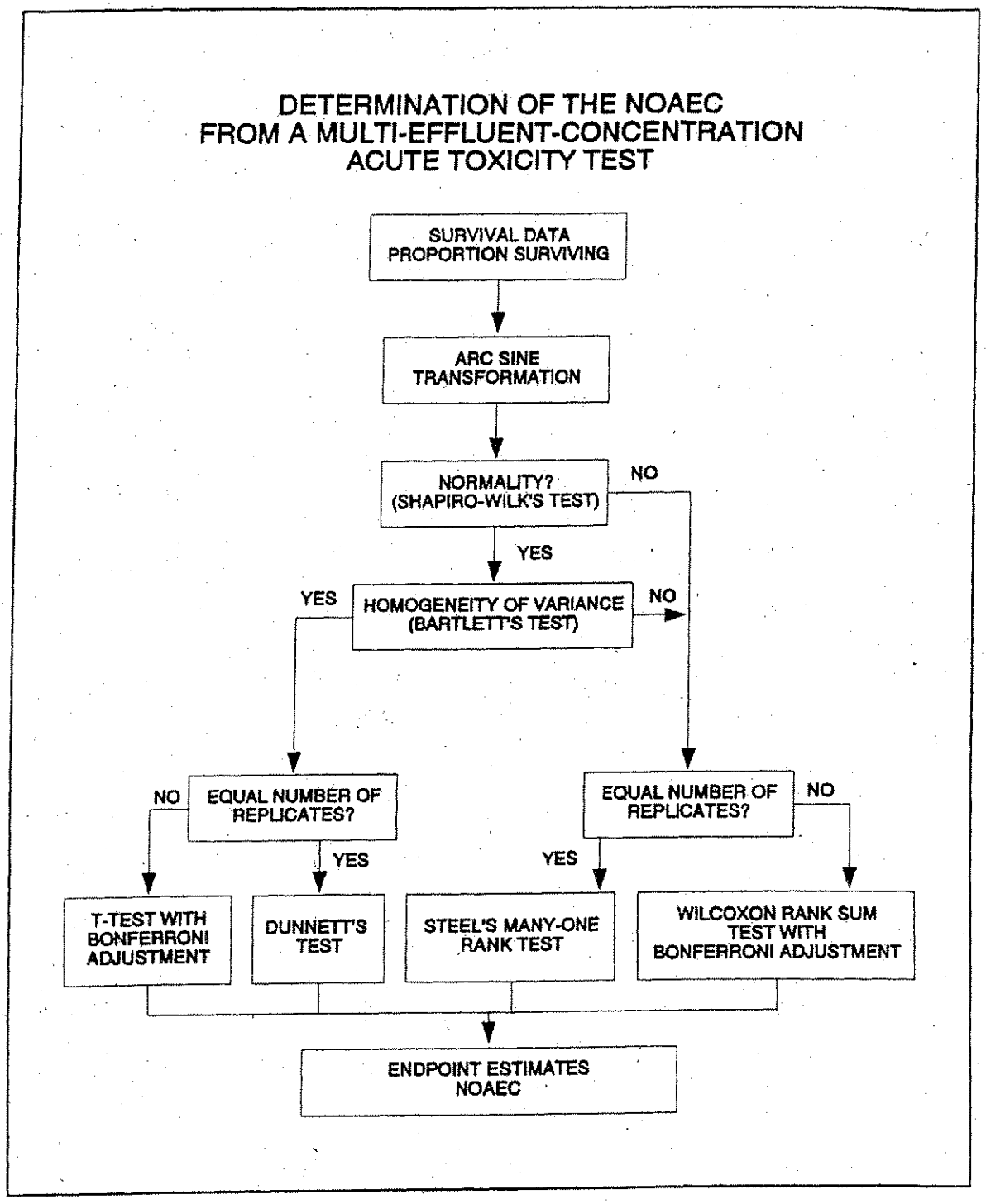


Figure 13. Flowchart for analysis of multi-effluent-concentration test data.

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

Aquatec Biological Sciences, Inc.

Test Date: 2/07/07
Sample Date: 2/06/07
Species: Daphnia pulex
Test Type: Acute - 48 hours

Test Number: 51710
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	1.35	0.000	
			X	5.000	D	5	1.35	0.000	
			X	15.000	D	5	1.35	0.000	
			X	35.000	D	5	1.35	0.000	
			X	50.000	D	5	1.35	0.000	
			X	75.000	D	5	1.35	0.000	
			X	100.000	D	5	1.35	0.000	
Proportion Alive	2	No transformation		0.000	B	5	.96	.089	
				0.000	D	5	1.00	0.000	
				5.000	D	5	1.00	0.000	
				15.000	D	5	1.00	0.000	
				35.000	D	5	1.00	0.000	
				50.000	D	5	1.00	0.000	
				75.000	D	5	1.00	0.000	
				100.000	D	5	1.00	0.000	

X = indicates concentrations used in calculations

- HYPOTHESIS TEST -

End Point	Day	Transformation/Analysis	NOEC	LOEC	TU	MSE	MSD
Proportion Alive	2	Arc sine sqrt w/ adj. Dunnett + t-test	100	>100	(Direct observation)		

2 48-h LC50: >100% (Direct observation)

JW

Aquatec Biological Sciences, Inc.

WATER FLEA TEST DATA

Test Number: 51710 ( ) Chronic (x) Acute 48 hours
Test Date: 7-Feb-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	5	5						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	5						1.00		
0.00 D	2		F	5	5						1.00		
0.00 D	3		F	5	5						1.00		
0.00 D	4		F	5	5						1.00		
0.00 D	5		F	5	5						1.00		
5.00 D	1		F	5	5						1.00		
5.00 D	2		F	5	5						1.00		
5.00 D	3		F	5	5						1.00		
5.00 D	4		F	5	5						1.00		
5.00 D	5		F	5	5						1.00		
15.00 D	1		F	5	5						1.00		
15.00 D	2		F	5	5						1.00		
15.00 D	3		F	5	5						1.00		
15.00 D	4		F	5	5						1.00		
15.00 D	5		F	5	5						1.00		
35.00 D	1		F	5	5						1.00		
35.00 D	2		F	5	5						1.00		
35.00 D	3		F	5	5						1.00		
35.00 D	4		F	5	5						1.00		
35.00 D	5		F	5	5						1.00		
50.00 D	1		F	5	5						1.00		
50.00 D	2		F	5	5						1.00		
50.00 D	3		F	5	5						1.00		
50.00 D	4		F	5	5						1.00		
50.00 D	5		F	5	5						1.00		
75.00 D	1		F	5	5						1.00		
75.00 D	2		F	5	5						1.00		
75.00 D	3		F	5	5						1.00		
75.00 D	4		F	5	5						1.00		
75.00 D	5		F	5	5						1.00		
100.00 D	1		F	5	5						1.00		
100.00 D	2		F	5	5						1.00		
100.00 D	3		F	5	5						1.00		
100.00 D	4		F	5	5						1.00		
100.00 D	5		F	5	5						1.00		

Qc ✓
KS
2/15/07 2/16/07

Client: GENERAL ELECTRIC, PITTSFIELD, MA Test #: 51710 SDG: 10148
MA0003891
Test Description: *Daphnia pulex* 48-h daily renewal acute toxicity test

SURVIVAL DATA, SAMPLE 34256

Treatment (%)		Day 0	Day 1 # Surviving	Day 2 # Surviving
Rec.	A	5	5	5
Water	B	5	5	5
Contr	C	5	5	5
	D	5	5	5
	E	5	5	5
5.0	A	5	5	5
	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
15	A	5	5	5
	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
35	A	5	5	5
	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
50	A	5	5	5
	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
75	A	5	5	5
	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
100	A	5	5	5
	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
Sample #		34256		
I/D/T		KS 2/7 11:20	KS 2/8/07 11:20	2/9/07 11:38

Client: GENERAL ELECTRIC, PITTSFIELD, MA Test #: 51710 SDG: 10148
MA0003891
Test Description: *Daphnia pulex* 48-h daily renewal acute toxicity test

SURVIVAL DATA, LAB CONTROL AND DECHLORINATION CONTROL

Treatment (%)		Day 0	Day 1 # Surviving	Day 2 # Surviving
Lab	A	5	5	5
Contr	B	5	5	5
	C	5	5	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
		11:20		
I/D/T		KS 2/7	KS 2/8/07 11:15	J 2/9/07 11:29

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

Daphnia pulex Culture Log

CULTURE ID	WATER RENEWAL? (Lot#) 1180 7mlTw	FED (MWF *Sel*/YCT TuTh *Sel*)	CLEARED OF NEONATES? (TIME)	Culture Beakers Washed?	Temp. (°C)	DATE	INIT.
1/14 A,B,C 1/26 mass	—	Sel	—	—	—	1-28-07	KS
1/29 A,B,C	started from 1/26 mass culture + fed Sel / YC			✓	20.8	1-29-07	KS
1/14 C	✓	Yc/Sel	✓	✓	⊥	⊥	⊥
1/29 A,B,C 1/14	—	Sel	—	—	—	1-30-07	KS
⊥	✓	Yc/Sel	✓	—	20.5	1-31-07	KS
1/29 A,B,C 1/14	—	Sel	—	—	—	2-1-07	KS
⊥	✓	Yc/Sel	✓	—	20.8	2-2-07	KK
1/29 A,B,C 1/14	—	Sel	—	—	—	2-4-07	KS
⊥	✓	Yc/Sel	✓	✓	20.7	2-5-07	KS
1/29 A,B,C	✓	⊥	✓ 11:45	—	20.6	2-6-07	KS
1/14	—	Sel	—	—	⊥	⊥	⊥
1/29 A,B,C 1/14	✓	Yc/Sel	✓ 11:00	—	20.7	2-~~7~~-07 KS	KS

4A,B dumped

Selenastrum Lot#: 11607Sel / 2107 Sel
YC or YCT Lot#: 122806YC

Client: GENERAL ELECTRIC, PITTSFIELD, MA Test #: 51710 SDG: 10148
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	7.5		7.6
	DO	8.9		8.8
	Temp	20.0	20.2	20.2
	Cond.	217	--	229
Dechlorination Control	pH	7.6		7.4
	DO	8.9		8.9
	Temp	20.1	20.2	20.4
	Cond.	225	--	235
Rec. Water Contr	pH	7.6		7.5
	DO	9.0		8.8
	Temp	20.2	20.1	20.0
	Cond.	222	--	237
5.0	pH	7.7		7.8
	DO	9.1		8.9
	Temp	20.4	19.9	20.2
	Cond.	286	--	304
15	pH	7.8		7.9
	DO	9.1		8.9
	Temp	20.3	20.0	20.2
	Cond.	402	--	447
35	pH	7.9		8.1
	DO	9.1		8.8
	Temp	20.3	20.2	20.2
	Cond.	627	--	631
50	pH	7.9		T 8.12
	DO	9.1		8.9
	Temp	20.3	20.2	20.3
	Cond.	795	--	782
75	pH	8.0		8.3
	DO	9.1		8.9
	Temp	20.2	20.1	20.4
	Cond.	1062	--	1081
100	pH	8.0		8.2
	DO	9.1		9.1
	Temp	20.2	20.1	20.4
	Cond.	1329	--	1204
Sample #		34256	34256	34256
I/D (2008)~~7~~		KS 2/7	KS 2/8	T 2/9

(Note some of 35% was mixed in final chemistry measuring cup) T

Aquatec Biological Sciences, Inc. Williston Vermont
Reviewed by: _____ Date: 2/16/07

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
34256	Outfall Composite		2/7/07	25	19.2	27.9	JG	2/7/07	348.0	25	33.3	41.4	JG	2/7/07	324.0
34257	Housatonic River A		2/7/07	25	27.9	29.7	JG	2/7/07	72.0	50	41.4	45.3	JG	2/7/07	78.0

3/2/07

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

Total Residual Chlorine Analysis

Client	SDG
GE Pittsfield, MA	10148

Sample #	Sample ID	Collection Date / Time	Analysis Date / Time / Analyst	Result (TRC mg/L)	Method
34256	Outfall Composite A7886C	2/6/07, 11:40	2/7/07, 11:14 JWW	<0.05	DPD Colorimetric
34257	Housatonic River A7887R	2/6/07, 08:50	2/7/07, 11:14 JWW	<0.05	DPD Colorimetric

Sample Preparation

Client: GENERAL ELECTRIC, PITTSFIELD, MA MA0003891	**SDG: 10148**
Test Description: *Daphnia pulex* acute toxicity test.	**Test #: 51710**

Sample Identification:

Sample Description	Rec. Water (Housatonic River)	Effluent		
Sample #	34257	34256		

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 2-7-07	———		

[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	

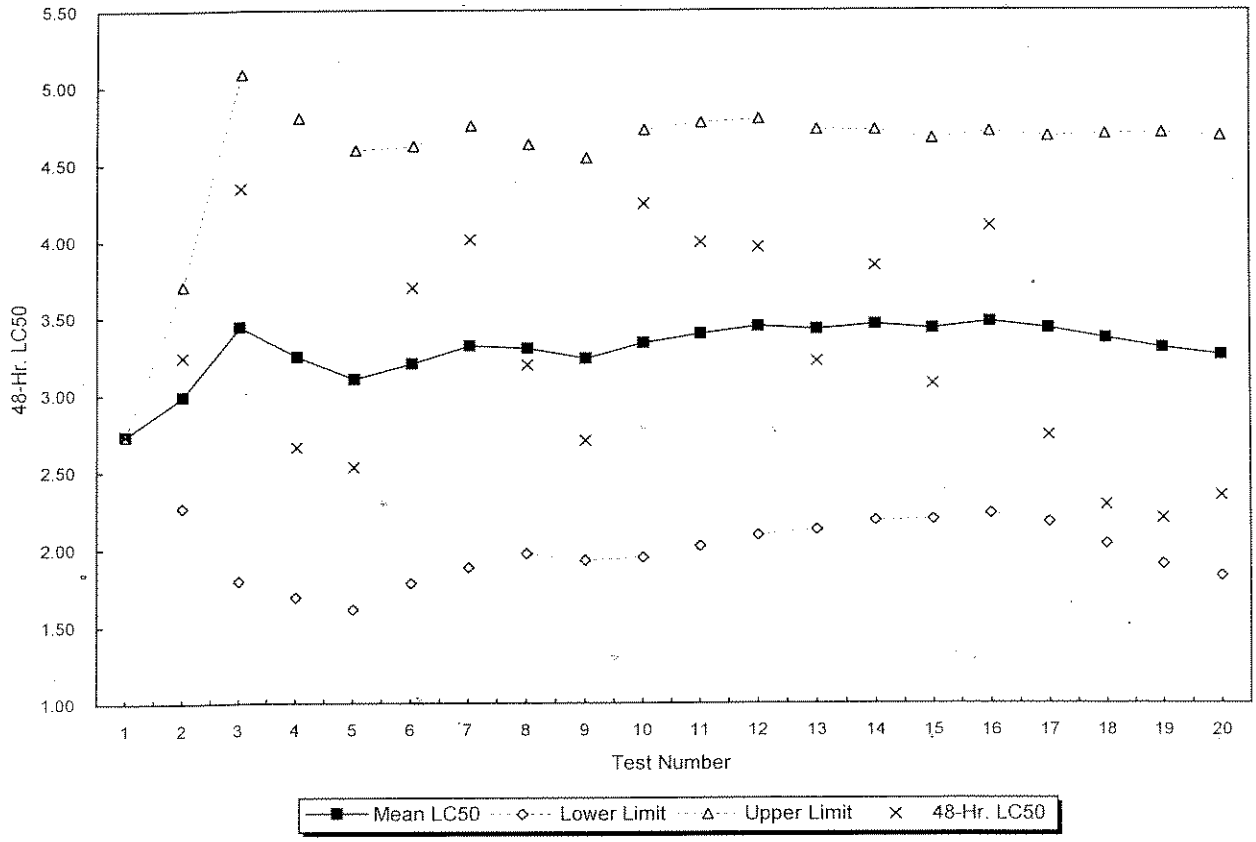
Comments:

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	10/08/05	1	2.733	2.73	2.73	2.73	Aquatic BioSystems
2	10/11/05	1	3.241	2.99	2.27	3.71	Aquatic BioSystems
3	10/19/05	1	4.342	3.44	1.79	5.08	Aquatic BioSystems
4	11/02/05	1	2.655	3.24	1.69	4.80	Aquatec Biological Sciences
5	11/08/05	1	2.527	3.10	1.61	4.59	Aquatec Biological Sciences
6	12/07/05	1	3.693	3.20	1.78	4.62	Aquatec Biological Sciences
7	01/05/06	1	4.009	3.31	1.88	4.75	Aquatec Biological Sciences
8	02/08/06	1	3.189	3.30	1.97	4.63	Aquatec Biological Sciences
9	03/11/06	1	2.698	3.23	1.93	4.54	Aquatec Biological Sciences
10	04/06/06	1	4.243	3.33	1.95	4.72	Aquatec Biological Sciences
11	05/10/06	1	3.992	3.39	2.02	4.77	Aquatec Biological Sciences
12	06/07/06	1	3.959	3.44	2.09	4.79	Aquatec Biological Sciences
13	07/11/06	1	3.215	3.42	2.12	4.72	Aquatec Biological Sciences
14	08/08/06	1	3.839	3.45	2.18	4.72	Aquatec Biological Sciences
15	09/13/06	1	3.068	3.43	2.19	4.67	Aquatec Biological Sciences
16	10/11/06	1	4.098	3.47	2.23	4.71	Aquatec Biological Sciences
17	11/17/06	1	2.733	3.43	2.17	4.68	Aquatec Biological Sciences
18	12/13/06	1	2.281	3.36	2.03	4.69	Aquatec Biological Sciences
19	01/10/07	1	2.196	3.30	1.90	4.70	Aquatec Biological Sciences
20	02/07/07	1	2.34	3.25	1.82	4.68	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: 2/6/07

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

Effluent Composite
Sample # A7886C
Date 2-6-07
Time 11:40AM
pH 7.02 su

River/Dilution Water
Sample # A7887R
Date 2-6-07
Time 8:50AM
pH 7.66 su

Sean C. Coyle

S C Coyle 2-6-07

Signed & Dated

COLUMBIA ANALYTICAL SERVICES

Reported: 02/14/07

General Electric
Project Reference: GE-PITTSFIELD BIOMONITORING - 2/07
Client Sample ID : A7886C

Date Sampled : 02/06/07 11:40 **Order #:** 968492 **Sample Matrix:** WATER
Date Received: 02/07/07 **Submission #:** R2735512

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1	0.0500	0.279	MG/L	02/09/07	09:57	1.0
CHLORIDE	300.0	0.200	211	MG/L	02/12/07	13:11	40.0
TOTAL ALKALINITY	310.1	2.00	352	MG/L	02/09/07	11:45	1.0
TOTAL ORGANIC CARBON	9060	1.00	1.00 U	MG/L	02/08/07	19:52	1.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	02/12/07	14:17	1.0
TOTAL SOLIDS	160.3	10.0	704	MG/L	02/09/07	16:05	1.0
TOTAL SUSPENDED SOLIDS	160.2	1.00	1.00 U	MG/L	02/08/07	13:25	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 02/14/07

General Electric
Project Reference: GE-PITTSFIELD BIOMONITORING - 2/07
Client Sample ID : A7886CCN

Date Sampled : 02/06/07 11:40 **Order #:** 968497 **Sample Matrix:** WATER
Date Received: 02/07/07 **Submission #:** R2735512

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0347	MG/L	02/13/07	12:15	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 02/14/07

General Electric
Project Reference: GE-PITTSFIELD BIOMONITORING - 2/07
Client Sample ID : A7886CTM

Date Sampled : 02/06/07 11:40 **Order #:** 968494 **Sample Matrix:** WATER
Date Received: 02/07/07 **Submission #:** R2735512

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.100	0.100 U	MG/L	02/08/07	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	02/08/07	1.0
CALCIUM	200.7	1.00	81.9	MG/L	02/08/07	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	02/08/07	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	02/08/07	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	02/08/07	1.0
MAGNESIUM	200.7	1.00	33.9	MG/L	02/08/07	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	02/08/07	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	02/08/07	1.0
ZINC	200.7	0.0200	0.0263	MG/L	02/08/07	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 02/14/07

General Electric
Project Reference: GE-PITTSFIELD BIOMONITORING - 2/07
Client Sample ID : A7886CDM

Date Sampled : 02/06/07 11:40 **Order #:** 968493 **Sample Matrix:** WATER
Date Received: 02/07/07 **Submission #:** R2735512

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.100	0.100 U	MG/L	02/08/07	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	02/08/07	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	02/08/07	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	02/08/07	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	02/08/07	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	02/08/07	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	02/08/07	1.0
ZINC	200.7	0.0200	0.0277	MG/L	02/08/07	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 02/14/07

General Electric
Project Reference: GE-PITTSFIELD BIOMONITORING - 2/07
Client Sample ID : A7887R

Date Sampled : 02/06/07 08:50 **Order #:** 968491 **Sample Matrix:** WATER
Date Received: 02/07/07 **Submission #:** R2735512

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1	0.0500	0.0624	MG/L	02/09/07	09:57	1.0
CHLORIDE	300.0	0.200	16.5	MG/L	02/12/07	12:56	10.0
TOTAL ALKALINITY	310.1	2.00	74.0	MG/L	02/09/07	11:45	1.0
TOTAL ORGANIC CARBON	9060	1.00	1.00 U	MG/L	02/08/07	17:58	1.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	02/12/07	14:17	1.0
TOTAL SOLIDS	160.3	10.0	116	MG/L	02/09/07	16:05	1.0
TOTAL SUSPENDED SOLIDS	160.2	1.00	1.00 U	MG/L	02/08/07	13:25	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 02/14/07

General Electric
Project Reference: GE-PITTSFIELD BIOMONITORING - 2/07
Client Sample ID : A7887RCN

Date Sampled : 02/06/07 08:50 **Order #:** 968496 **Sample Matrix:** WATER
Date Received: 02/07/07 **Submission #:** R2735512

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	02/13/07	12:15	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 02/14/07

General Electric
Project Reference: GE-PITTSFIELD BIOMONITORING - 2/07
Client Sample ID : A7887RTM

Date Sampled : 02/06/07 08:50 **Order #:** 968495 **Sample Matrix:** WATER
Date Received: 02/07/07 **Submission #:** R2735512

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.100	0.100 U	MG/L	02/08/07	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	02/08/07	1.0
CALCIUM	200.7	1.00	19.5	MG/L	02/08/07	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	02/08/07	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	02/08/07	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	02/08/07	1.0
MAGNESIUM	200.7	1.00	7.54	MG/L	02/08/07	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	02/08/07	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	02/08/07	1.0
ZINC	200.7	0.0200	0.0200 U	MG/L	02/08/07	1.0

APPENDIX 3

Chain of Custody Forms

Columbia Analytical Services INC.
An Employee - Owned Company
www.caslab.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE 1 OF 2

SR #

CAS Contact

Project Name: NPDES PERMIT	Project Number:
Project Manager: J. NICHOLSON	Report CC:
Company/Address: GE CCP 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: JEAN C. COYLE

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE: Ø Ø 4

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 (List in comments below) 200.7	METALS, DISSOLVED(7) EPA (List in comments below) 200.7	TSS EPA 160.2	BOD EPA 405.1	CYANIDE EPA 335.4	REMARKS/ ALTERNATE DESCRIPTION
005-A7882/A7884		2.6.07	7:10 AM	H2O	1						X					
005-A7882/A7884		2.6.07	7:10 AM	H2O	1								X			
A7886C	968492	2.6.07	11:40 AM	H2O	1						X					
A7887R	968491	2.6.07	8:50 AM	H2O	1						X					
A7886CTM	968494	2.6.07	11:40 AM	H2O	1					X						
A7887RTM	968495	2.6.07	8:50 AM	H2O	1					X						
A7886CDM	968493	2.6.07	11:40 AM	H2O	1							X				FILTERED & PRESERVED
A7886CCN	968497	2.6.07	11:40 AM	H2O	1									X		
A7887RCN	968496	2.6.07	8:50 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 (7) LISTED ON SAMPLE BOTTLES
- ACCUTE DRY AQUATIC TOXICITY COMPOSITE SHEET & TOXICTY pH SHEET INCL. W/ COC'S
- SAMPLES PACKED IN ICE

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. Speicalized Forms / Custom Report
Edata _____ Yes _____ No

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #: 22735512

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: JEAN C. COYLE	Printed Name: Gregory O. Esmerian	Printed Name	Printed Name	Printed Name	Printed Name
Firm: GBG	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time: 2.6.07 / 1:30pm	Date/Time: 2/7/07 10:05	Date/Time	Date/Time	Date/Time	Date/Time

SCOC-1102-08

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

Columbia Analytical Services, INC.
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PAGE 2 OF 2

SR #

CAS Contact

Project Name: NPDES PERMIT	Project Number:
Project Manager: J. NICHOLSON	Report CC:
Company/Address: GE CSP	
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: Ø 3 3 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)	CHLORIDE	TOTAL SOLIDS & TOTAL PHOSPHORUS	NH_3	TOC	ALKALINITY	REMARKS/ ALTERNATE DESCRIPTION
A7886C	968492	2.6.07	11:40 AM	H_2O	1								X					
A7887R	968491	2.6.07	8:50 AM	H_2O	1								X					
A7886C	968492	2.6.07	11:40 AM	H_2O	1									X				
A7887R	968491	2.6.07	8:50 AM	H_2O	1									X				
A7886C	968492	2.6.07	11:40 AM	H_2O	1										X			
A7887R	968491	2.6.07	8:50 AM	H_2O	1										X			
A7886C	968492	2.6.07	11:40 AM	H_2O	1											X		
A7887R	968491	2.6.07	8:50 AM	H_2O	1											X		

SPECIAL INSTRUCTIONS/COMMENTS

Metals

- SAMPLES PACKED IN ICE

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. Speicalized Forms / Custom Report

Edata _____ Yes _____ No

INVOICE INFORMATION

PO#

BILL TO:

SUBMISSION #: R2035512

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: Wesley B. Esmerian	Printed Name	Printed Name	Printed Name	Printed Name
Firm: OBG	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time: 2-6-07 / 1:30pm	Date/Time: 2/7 10:05	Date/Time	Date/Time	Date/Time	Date/Time

SCOC-1102-08

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

Cooler Receipt And Preservation Check Form

Project/Client GE Pittsfield Submission Number_____.

Cooler received on 2-7-07 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:	1.0°				
	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: 2-7-07 @ 10:38

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: 2/7/07

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: 0700	Airbill Number:
City/State/Zip: Pittsfield, MA 01201	Sampler Name(s): SEAN C. COYLE	
Telephone: (413) 494-6709	NPDES Permit #: MA0003891	Date Shipped: 2-6-07
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 A7886C	2/6/07	11:40 AM		X	Effluent	*Daphnia pulex* 48-h Static Acute Toxicity (EPA Method 2021.0). Log in for A48DPS	1					
Outfall Composite A7886C	2/6/07	11:40 AM		X	Effluent	Total Residual Chlorine					1	
Housatonic River A7887R	2/6/07	8:50 AM	X		Receiving	Dilution Water	1					
Housatonic River A7887R	2/6/07	8:50 AM	X		Receiving	Total Residual Chlorine					1	

Relinquished by: *(signature)*	DATE	TIME	Received by: *(signature)*
S. C. Coyle	2/6/07	2:45 pm	Richard D. Lesperance
Richard D. Lesperance	2/6/07	19:30	
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: 0.5 °C. Dechlorinate the effluent sample if chlorine is detected.

2/6/2007

ACUTE AQUATIC TOXICITY COMPOSITE

Month: FEB
Week: 2
Fiscal Wk: 6
Weather: DRY

	Gallons/Day	Ml in Composite	Percent of Composite
001	7,430	**524.82**	**4.77%**
004	0	-	**0.00%**
007	0	-	**0.00%**
64T	3,789	**267.63**	**2.43%**
64G	126,240	**8,916.91**	**81.06%**
09A	0	-	**0.00%**
09B	18,272	**1,290.64**	**11.73%**
	155,731	11000	**100.00%**

The Acute Toxicity Composite was made today by JEAN C. COYLE **@** 11:40AM

according to the table above, and given the sample ID# A7886C.

Chain-of-Custody Form Number: OBG0206Ø7

Analysis: DRY ACCUTE TOX. COMP

TIME:

Location: 11:40 AM Date: 2-6-07

Sample Label Serial Number A 7886C

L C. Coyle
Signed

2-6-07
Date