GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

Transmitted via Overnight Courier

June 8, 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 May 2007 (GECD900)

Dear Mr. Tagliaferro and Ms. Steenstrup:

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

Richard W. Gates
Remediation Project Manager

Enclosure
G:\GE\GE_Pittsfield_General\Reports and Presentations\Monthly Reports\2007\05-07 CD Monthly\Letter.doc

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

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

May 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)
MAY 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 April 1 through April 30, 2007, are provided in Attachment B to this report.

- GE received a report from Columbia Analytical Services, Inc. (CAS) titled *NPDES Biomonitoring Report for May 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 May 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.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

a. Activities Undertaken/Completed

- Conducted waste characterization sampling of soils (held in drums) collected 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, as identified in Table 1-1.

- Completed repairs to the vegetative cover over the crushed material stockpile in the 40s Complex pursuant to observations made during the April 24, 2007 semi-annual inspection (as documented in a May 25, 2007 electronic mail to EPA).*

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted an inspection report on the April 24, 2007 semi-annual inspection of the vegetative cover over the crushed material stockpile in the 40s Complex (May 4, 2007).*

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

- Initiate data review and validation for soil sampling conducted on behalf of PEDA in the vicinity of planned utility lines to be installed by PEDA at the former 20s and 30s Complexes and the adjacent portion of Woodlawn Avenue.

- Discuss draft Grant of Environmental Restriction and Easement (ERE) and Plan of Restricted Area for the 40s Complex with EPA, MDEP, and PEDA.*

- Following receipt of EPA comments on draft plan for additional soil sampling at the 40s Complex, submit final sampling plan.*

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

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

- 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.*

- Awaiting EPA's comments on GE's January 25, 2007 draft letter which proposed, at PEDA's request, additional soil sampling within the 40s Complex.*

f. Proposed/Approved Work Plan Modifications

None

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

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
20's, 30's, PEDA Drum Soil Sampling	A3165	5/22/07	NA	Soil	SGS	PCB, TCLP	
20's, 30's, PEDA Drum Soil Sampling	A3470	5/22/07	NA	Soil	SGS	PCB, TCLP	
PEDA Utility Installation Soil Sampling-20s Complex	DUP-008 (SW20S-3)	3/29/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	DUP-009 (SW20S-3)	3/29/07	1-3	Soil	SGS	VOC	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	DUP-010 (SW20S-7)	3/29/07	1-6	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SS20-1	3/30/07	10-15	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SS20-1	3/30/07	1-6	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SS20-1	3/30/07	6-10	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SS20-1	3/30/07	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SS20-2	3/30/07	0-1	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SS20-2	3/30/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SS20-2	3/30/07	4-6	Soil	SGS	VOC	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-10	3/28/07	0-1	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-10	3/28/07	6-10	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-10	3/28/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-10	3/28/07	1-3	Soil	SGS	VOC	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-11	3/28/07	1-6	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-11	3/28/07	6-10	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-11	3/28/07	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-12	3/29/07	0-1	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-12	3/29/07	1-6	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-12	3/29/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-12	3/29/07	6-8	Soil	SGS	VOC	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-13	3/28/07	0-1	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-13	3/28/07	6-10	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-13	3/28/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-13	3/28/07	2-4	Soil	SGS	VOC	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-14	3/28/07	0-1	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-14	3/28/07	1-6	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-14	3/28/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-14	3/28/07	6-8	Soil	SGS	VOC	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-15	3/28/07	0-1	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-15	3/28/07	6-10	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-15	3/28/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-15	3/28/07	1-3	Soil	SGS	VOC	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-16	3/30/07	1-6	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-16	3/30/07	6-10	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-16	3/30/07	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-17	3/30/07	0-1	Soil	SGS	PCB	5/3/07

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

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-17	3/30/07	1-6	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-17	3/30/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-17	3/30/07	6-8	Soil	SGS	VOC	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-3	3/29/07	0-1	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-3	3/29/07	6-10	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-3	3/29/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-3	3/29/07	1-3	Soil	SGS	VOC	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-4	3/29/07	0-1	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-4	3/29/07	1-6	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-4	3/29/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-4	3/29/07	6-8	Soil	SGS	VOC	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-5	3/29/07	1-6	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-5	3/29/07	6-10	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-5	3/29/07	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-6	3/29/07	1-6	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-6	3/29/07	6-10	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-6	3/29/07	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-7	3/29/07	0-1	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-7	3/29/07	1-6	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-7	3/29/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-7	3/29/07	8-10	Soil	SGS	VOC	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-8	3/29/07	0-1	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-8	3/29/07	6-10	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-8	3/29/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-8	3/29/07	3-4	Soil	SGS	VOC	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-9	3/28/07	0-1	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-9	3/28/07	1-6	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-9	3/28/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/3/07
PEDA Utility Installation Soil Sampling-20s Complex	SW20S-9	3/28/07	8-10	Soil	SGS	VOC	5/3/07
PEDA Utility Installation Soil Sampling-30s Complex	BH000468	4/9/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	BH000468	4/9/07	6-8	Soil	SGS	VOC	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	DUP-012 (W30-3)	4/5/07	8-10	Soil	SGS	VOC	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	DUP-013 (W30-3)	4/5/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	DUP-014 (SW30-7)	4/10/07	6-10	Soil	SGS	PCB	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	RA-4-SB-7	4/12/07	3-6	Soil	SGS	PCB	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	RA-4-SB-7	4/12/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	RA-4-SB-7	4/12/07	6-8	Soil	SGS	VOC	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	RAA2-B8	4/3/07	6-10	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-30s Complex	RAA2-D1	4/10/07	6-10	Soil	SGS	PCB	5/7/07

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

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
PEDA Utility Installation Soil Sampling-30s Complex	RAA2-G5	4/3/07	6-10	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-30s Complex	RAA2-H10	4/9/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	RAA2-H10	4/9/07	6-8	Soil	SGS	VOC	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	RAA2-I1	4/10/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	RAA2-I1	4/10/07	6-8	Soil	SGS	VOC	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	RAA2-I12	4/4/07	6-10	Soil	SGS	PCB	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	RAA2-SB-1,SB-2,SB-3	4/3/07	6-10	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	5/3/07
PEDA Utility Installation Soil Sampling-30s Complex	RAA2-SB-1,SB-2,SB-3	4/3/07	8-10	Soil	SGS	VOC	5/3/07
PEDA Utility Installation Soil Sampling-30s Complex	SS30-1	4/10/07	6-10	Soil	SGS	PCB	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SS30-1	4/10/07	10-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SS30-1	4/10/07	10-12	Soil	SGS	VOC	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SS30-2	4/11/07	6-10	Soil	SGS	PCB	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SS30-2	4/11/07	10-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SS30-2	4/11/07	10-12	Soil	SGS	VOC	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SS30-4	4/11/07	10-15	Soil	SGS	PCB	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SS30-4	4/11/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SS30-4	4/11/07	8-10	Soil	SGS	VOC	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SS30-5	4/5/07	6-10	Soil	SGS	PCB	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SS30-5	4/5/07	10-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SS30-5	4/5/07	12-14	Soil	SGS	VOC	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SS30-6	4/10/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SS30-6	4/10/07	6-8	Soil	SGS	VOC	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SS30-7	4/10/07	6-10	Soil	SGS	PCB	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SS30-8	4/10/07	6-10	Soil	SGS	PCB	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SW30-1	4/5/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SW30-1	4/5/07	8-10	Soil	SGS	VOC	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SW30-2	4/12/07	6-10	Soil	SGS	PCB	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SW30-4	4/12/07	6-10	Soil	SGS	PCB	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SW30-5	4/12/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SW30-5	4/12/07	8-10	Soil	SGS	VOC	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SW30-7	4/10/07	6-10	Soil	SGS	PCB	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SW30-8	4/3/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/3/07
PEDA Utility Installation Soil Sampling-30s Complex	SW30-8	4/3/07	6-8	Soil	SGS	VOC	5/3/07
PEDA Utility Installation Soil Sampling-30s Complex	SW30-9	4/9/07	6-10	Soil	SGS	PCB	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SW30-10	4/9/07	6-10	Soil	SGS	PCB	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SW30N-1	4/5/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	SW30N-1	4/5/07	6-8	Soil	SGS	VOC	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	W30-1	4/5/07	10-15	Soil	SGS	PCB	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	W30-1	4/5/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/7/07

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

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
PEDA Utility Installation Soil Sampling-30s Complex	W30-1	4/5/07	6-8	Soil	SGS	VOC	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	W30-2	4/5/07	6-10	Soil	SGS	PCB	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	W30-2	4/5/07	10-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	W30-2	4/5/07	10-12	Soil	SGS	VOC	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	W30-3	4/5/07	10-15	Soil	SGS	PCB	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	W30-3	4/5/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	W30-3	4/5/07	8-10	Soil	SGS	VOC	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	W30-4	4/9/07	6-10	Soil	SGS	PCB	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	W30-5	4/4/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	W30-5	4/4/07	6-8	Soil	SGS	VOC	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	W30-6	4/4/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	W30-6	4/4/07	8-10	Soil	SGS	VOC	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	W30-7	4/4/07	6-10	Soil	SGS	PCB	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	W30-8	4/4/07	6-10	Soil	SGS	PCB	5/7/07
PEDA Utility Installation Soil Sampling-30s Complex	W30-9	4/4/07	6-10	Soil	SGS	PCB	5/7/07
PEDA Utility Installation Soil Sampling-Woodlawn Ave	DUP-011 (SW20S-2)	4/4/07	0-1	Soil	SGS	PCB	5/7/07
PEDA Utility Installation Soil Sampling-Woodlawn Ave	RAA2-B8-E	4/3/07	0-1	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-Woodlawn Ave	RAA2-B8-E	4/3/07	6-10	Soil	SGS	PCB	5/3/07
PEDA Utility Installation Soil Sampling-Woodlawn Ave	RAA2-B8-E	4/3/07	1-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	5/3/07
PEDA Utility Installation Soil Sampling-Woodlawn Ave	RAA2-B8-E	4/3/07	3-4	Soil	SGS	VOC	5/3/07
PEDA Utility Installation Soil Sampling-Woodlawn Ave	RAA3-26	4/12/07	1-6	Soil	SGS	PCB	5/7/07
PEDA Utility Installation Soil Sampling-Woodlawn Ave	SW20S-2	4/4/07	0-1	Soil	SGS	PCB	5/7/07
PEDA Utility Installation Soil Sampling-Woodlawn Ave	SW20S-2	4/4/07	6-10	Soil	SGS	PCB	5/7/07
PEDA Utility Installation Soil Sampling-Woodlawn Ave	SW20S-2	4/4/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/7/07
PEDA Utility Installation Soil Sampling-Woodlawn Ave	SW20S-2	4/4/07	4-6	Soil	SGS	VOC	5/7/07

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

TABLE 1-2
PCB DATA RECEIVED DURING MAY 2007

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

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
BH000468	6-10	4/9/2007	ND(3.6)	ND(3.6)	ND(3.6)	51	51
RA-4-SB-7	3-6	4/12/2007	ND(0.033)	ND(0.033)	0.35	0.41	0.76
	6-10	4/12/2007	ND(4.1)	ND(4.1)	ND(4.1)	15	15
RAA2-B8	6-10	4/3/2007	ND(0.035)	ND(0.035)	ND(0.035)	0.0097 J	0.0097 J
RAA2-B8-E	0-1	4/3/2007	ND(0.034)	ND(0.034)	ND(0.034)	0.26	0.26
	6-10	4/3/2007	ND(0.036)	ND(0.036)	ND(0.036)	0.17	0.17
RAA2-D1	6-10	4/10/2007	ND(0.036)	ND(0.036)	0.030 J	0.017 J	0.047 J
RAA2-G5	6-10	4/3/2007	ND(0.036)	ND(0.036)	ND(0.036)	0.011 J	0.011 J
RAA2-H10	6-10	4/9/2007	ND(0.035)	ND(0.035)	ND(0.035)	0.031 J	0.031 J
RAA2-I1	6-10	4/10/2007	ND(3.8)	ND(3.8)	ND(3.8)	35	35
RAA2-I12	6-10	4/4/2007	ND(0.036)	ND(0.036)	0.036	0.092	0.128
RAA3-26	1-6	4/12/2007	ND(7.1)	ND(7.1)	ND(7.1)	38	38
SS20-1	0-1	3/30/2007	ND(0.037)	ND(0.037)	ND(0.037)	0.20	0.20
	1-6	3/30/2007	ND(0.034)	ND(0.034)	0.10	0.27	0.37
	6-10	3/30/2007	ND(0.035)	ND(0.035)	0.12	0.52	0.64
	10-15	3/30/2007	ND(0.69)	ND(0.69)	ND(0.69)	5.2	5.2
SS20-2	0-1	3/30/2007	ND(0.039)	ND(0.039)	0.17	0.58	0.75
	1-6	3/30/2007	ND(64)	ND(64)	ND(64)	460	460
SS30-1	6-10	4/10/2007	ND(0.19)	ND(0.19)	ND(0.19)	1.7	1.7
	10-15	4/10/2007	ND(22)	ND(22)	ND(22)	68	68
SS30-2	6-10	4/11/2007	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)
	10-15	4/11/2007	ND(0.034)	ND(0.034)	0.021 J	0.014 J	0.035 J
SS30-4	6-10	4/11/2007	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	10-15	4/11/2007	ND(0.032)	ND(0.032)	ND(0.032)	0.10	0.10
SS30-5	6-10	4/5/2007	ND(0.033)	ND(0.033)	ND(0.033)	0.020 J	0.020 J
	10-15	4/5/2007	ND(0.035)	ND(0.035)	ND(0.035)	0.13	0.13
SS30-6	6-10	4/10/2007	ND(0.033)	ND(0.033)	ND(0.033)	0.089	0.089
SS30-7	6-10	4/10/2007	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
SS30-8	6-10	4/10/2007	ND(0.033)	ND(0.033)	0.10	0.28	0.38
SW20S-2	0-1	4/4/2007	ND(0.032) [ND(0.034)]	ND(0.032) [ND(0.034)]	ND(0.032) [0.020 J]	0.019 J [0.021 J]	0.019 J [0.041 J]
	1-6	4/4/2007	ND(0.031)	ND(0.031)	ND(0.031)	ND(0.031)	ND(0.031)
	6-10	4/4/2007	ND(0.032)	ND(0.032)	0.044	ND(0.032)	0.044
SW20S-3	0-1	3/29/2007	ND(0.19)	ND(0.19)	ND(0.19)	1.4	1.4
	1-6	3/29/2007	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039)]
	6-10	3/29/2007	ND(0.033)	ND(0.033)	0.025 J	0.016 J	0.041 J
SW20S-4	0-1	3/29/2007	ND(0.038)	ND(0.038)	ND(0.038)	0.33	0.33
	1-6	3/29/2007	ND(0.035)	ND(0.035)	ND(0.035)	0.11	0.11
	6-10	3/29/2007	ND(0.033)	ND(0.033)	ND(0.033)	0.020 J	0.020 J
SW20S-5	0-1	3/29/2007	ND(0.038)	ND(0.038)	0.34	0.51	0.85
	1-6	3/29/2007	ND(0.031)	ND(0.031)	ND(0.031)	0.036	0.036
	6-10	3/29/2007	ND(0.031)	ND(0.031)	ND(0.031)	0.035	0.035
SW20S-6	0-1	3/29/2007	ND(0.35)	1.4	ND(0.35)	1.0	2.4
	1-6	3/29/2007	ND(0.032)	0.071	ND(0.032)	0.10	0.171
	6-10	3/29/2007	ND(0.033)	0.0082 J	ND(0.033)	0.020 J	0.0282 J
SW20S-7	0-1	3/29/2007	ND(0.040)	ND(0.040)	ND(0.040)	0.39	0.39
	1-6	3/29/2007	ND(0.037) [ND(0.038)]	ND(0.037) [ND(0.038)]	ND(0.037) [ND(0.038	0.18 [0.15]	0.18 [0.15]
	6-10	3/29/2007	ND(0.034)	ND(0.034)	ND(0.034)	0.079	0.079
SW20S-8	0-1	3/29/2007	ND(0.20)	ND(0.20)	ND(0.20)	1.5	1.5
	1-6	3/29/2007	ND(0.035)	ND(0.035)	0.12	0.26	0.38
	6-10	3/29/2007	ND(0.036)	ND(0.036)	0.075	0.15	0.225
SW20S-9	0-1	3/28/2007	ND(0.039)	ND(0.039)	0.16	0.41	0.57
	1-6	3/28/2007	ND(0.038)	ND(0.038)	0.52	0.64	1.16
	6-10	3/28/2007	ND(0.036)	ND(0.036)	ND(0.036)	0.016 J	0.016 J
SW20S-10	0-1	3/28/2007	ND(4.0)	ND(4.0)	ND(4.0)	9.0	9.0
	1-6	3/28/2007	ND(0.34)	ND(0.34)	1.7	2.1	3.8
	6-10	3/28/2007	ND(0.034)	ND(0.034)	ND(0.034)	0.0085 J	0.0085 J
SW20S-11	0-1	3/28/2007	ND(3.5)	ND(3.5)	11	25	36
	1-6	3/28/2007	ND(0.35)	ND(0.35)	0.58	1.5	2.08
	6-10	3/28/2007	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
SW20S-12	0-1	3/29/2007	ND(0.034)	ND(0.034)	ND(0.034)	0.029 J	0.029 J
	1-6	3/29/2007	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	6-10	3/29/2007	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)

TABLE 1-2
PCB DATA RECEIVED DURING MAY 2007

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

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
SW20S-13	0-1	3/28/2007	ND(3.6)	ND(3.6)	ND(3.6)	27	27
	1-6	3/28/2007	ND(17)	ND(17)	ND(17)	110	110
	6-10	3/28/2007	ND(0.035)	ND(0.035)	ND(0.035)	0.37	0.37
SW20S-14	0-1	3/28/2007	ND(3.6)	ND(3.6)	ND(3.6)	18	18
	1-6	3/28/2007	ND(0.34)	ND(0.34)	1.0	3.3	4.3
	6-10	3/28/2007	ND(0.033)	ND(0.033)	ND(0.033)	0.0099 J	0.0099 J
SW20S-15	0-1	3/28/2007	ND(0.041)	ND(0.041)	0.055	0.20	0.255
	1-6	3/28/2007	ND(0.034)	ND(0.034)	0.11	0.17	0.28
	6-10	3/28/2007	ND(0.034)	ND(0.034)	0.086	0.10	0.186
SW20S-16	0-1	3/30/2007	ND(0.033)	ND(0.033)	0.047	0.088	0.135
	1-6	3/30/2007	ND(0.031)	ND(0.031)	0.028 J	0.029 J	0.057 J
	6-10	3/30/2007	ND(0.031)	ND(0.031)	ND(0.031)	0.022 J	0.022 J
SW20S-17	0-1	3/30/2007	ND(0.039)	ND(0.039)	0.41	0.52	0.93
	1-6	3/30/2007	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	6-10	3/30/2007	ND(0.038)	ND(0.038)	ND(0.038)	0.25	0.25
SW30-1	6-10	4/5/2007	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
SW30-2	6-10	4/12/2007	ND(0.037)	ND(0.037)	0.18	0.33	0.51
SW30-4	6-10	4/12/2007	ND(0.66)	ND(0.66)	ND(0.66)	8.0	8.0
SW30-5	6-10	4/12/2007	ND(0.033)	ND(0.033)	ND(0.033)	0.0064 J	0.0064 J
SW30-7	6-10	4/10/2007	ND(0.033) [ND(0.032)]	ND(0.033) [ND(0.032)]	ND(0.033) [ND(0.032	0.017 J [0.013 J]	0.017 J [0.013 J]
SW30-8	6-10	4/3/2007	ND(0.033)	ND(0.033)	ND(0.033)	0.053	0.053
SW30-9	6-10	4/9/2007	ND(0.034)	ND(0.034)	ND(0.034)	0.042	0.042
SW30-10	6-10	4/9/2007	ND(0.034)	ND(0.034)	ND(0.034)	0.055	0.055
SW30N-1	6-10	4/5/2007	ND(0.033)	ND(0.033)	ND(0.033)	0.016 J	0.016 J
W30-1	6-10	4/5/2007	ND(0.036)	ND(0.036)	ND(0.036)	0.013 J	0.013 J
	10-15	4/5/2007	ND(0.033)	ND(0.033)	ND(0.033)	0.0077 J	0.0077 J
W30-2	6-10	4/5/2007	ND(0.034)	ND(0.034)	0.10	0.11	0.21
	10-15	4/5/2007	ND(0.18)	ND(0.18)	1.5	ND(0.18)	1.5
W30-3	6-10	4/5/2007	ND(0.36) [ND(0.035)]	ND(0.36) [ND(0.035)]	1.8 [ND(0.035)]	2.9 [0.16]	4.7 [0.16]
	10-15	4/5/2007	ND(0.045)	ND(0.045)	0.39	0.047	0.437
W30-4	6-10	4/9/2007	ND(4.1)	ND(4.1)	ND(4.1)	75	75
W30-5	6-10	4/4/2007	ND(3.9)	ND(3.9)	ND(3.9)	38	38
W30-6	6-10	4/4/2007	ND(3.8)	ND(3.8)	ND(3.8)	43	43
W30-7	6-10	4/4/2007	ND(37)	ND(37)	ND(37)	140	140
W30-8	6-10	4/4/2007	ND(3.6)	ND(3.6)	ND(3.6)	34	34
W30-9	6-10	4/4/2007	ND(0.033)	ND(0.033)	0.019 J	0.011 J	0.030 J

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

Data Qualifiers:

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

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID:	BH000468	BH000468	RA-4-SB-7	RA-4-SB-7	RAA2-B8-E
Sample Depth(Feet):	6-8	6-10	6-8	6-10	1-6
Volatile Organics Date Collected:	04/09/07	04/09/07	04/12/07	04/12/07	04/03/07
1,1,1,2-Tetrachloroethane					
2-Butanone	ND(0.0062)	NA	ND(0.0059)	NA	NA
Acetone	0.018	NA	0.016	NA	NA
Benzene	ND(0.0062)	NA	ND(0.0059)	NA	NA
Carbon Disulfide	ND(0.0062)	NA	0.014	NA	NA
Carbon Tetrachloride	ND(0.0062)	NA	ND(0.0059)	NA	NA
Chlorobenzene	ND(0.0062)	NA	ND(0.0059)	NA	NA
Chloroform	ND(0.0062)	NA	ND(0.0059)	NA	NA
Chloromethane	ND(0.0062)	NA	ND(0.0059)	NA	NA
Methylene Chloride	ND(0.0062)	NA	ND(0.0059)	NA	NA
Tetrachloroethene	ND(0.0062)	NA	0.0051 J	NA	NA
Toluene	ND(0.0062)	NA	ND(0.0059)	NA	NA
Trichloroethene	ND(0.0062)	NA	0.0050 J	NA	NA
Trichlorofluoromethane	ND(0.0062)	NA	ND(0.0059)	NA	NA
Xylenes (total)	ND(0.0062)	NA	ND(0.0059)	NA	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	ND(1.9)	NA	ND(0.41)	ND(0.33)
1,2,4-Trichlorobenzene	NA	ND(1.9)	NA	ND(0.41)	ND(0.33)
1,4-Dichlorobenzene	NA	ND(1.9)	NA	ND(0.41)	ND(0.33)
2,4-Dimethylphenol	NA	ND(1.9)	NA	ND(0.41)	ND(0.33)
2-Methylnaphthalene	NA	ND(1.9)	NA	ND(0.41)	ND(0.33)
2-Methylphenol	NA	ND(1.9)	NA	ND(0.41)	ND(0.33)
3&4-Methylphenol	NA	ND(1.9)	NA	ND(0.41)	ND(0.33)
Acenaphthene	NA	ND(1.9)	NA	ND(0.41)	ND(0.33)
Acenaphthylene	NA	ND(1.9)	NA	ND(0.41)	ND(0.33)
Aniline	NA	ND(1.9)	NA	ND(0.41)	ND(0.33)
Anthracene	NA	ND(1.9)	NA	ND(0.41)	ND(0.33)
Benzo(a)anthracene	NA	ND(1.9)	NA	0.10 J	0.11 J
Benzo(a)pyrene	NA	ND(1.9)	NA	0.065 J	0.083 J
Benzo(b)fluoranthene	NA	ND(1.9)	NA	0.13 J	0.099 J
Benzo(g,h,i)perylene	NA	ND(1.9)	NA	ND(0.41)	0.19 J
Benzo(k)fluoranthene	NA	ND(1.9)	NA	ND(0.41)	ND(0.33)
bis(2-Ethylhexyl)phthalate	NA	ND(1.9)	NA	ND(0.41)	ND(0.33)
Chrysene	NA	ND(1.9)	NA	0.14 J	0.11 J
Dibenzo(a,h)anthracene	NA	ND(1.9)	NA	ND(0.41)	ND(0.33)
Dibenzofuran	NA	ND(1.9)	NA	ND(0.41)	ND(0.33)
Di-n-Butylphthalate	NA	ND(1.9)	NA	ND(0.41)	ND(0.33)
Fluoranthene	NA	ND(1.9)	NA	0.16 J	0.23 J
Fluorene	NA	ND(1.9)	NA	ND(0.41)	ND(0.33)
Hexachlorobenzene	NA	ND(1.9)	NA	ND(0.41)	ND(0.33)
Indeno(1,2,3-cd)pyrene	NA	ND(1.9)	NA	ND(0.41)	0.23 J
Naphthalene	NA	ND(1.9)	NA	0.041 J	ND(0.33)
Pentachlorobenzene	NA	ND(1.9)	NA	ND(0.41)	ND(0.33)
Phenanthrene	NA	ND(1.9)	NA	0.12 J	0.12 J
Phenol	NA	ND(1.9)	NA	0.59	ND(0.33)
Pyrene	NA	ND(1.9)	NA	0.24 J	0.20 J

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID:	BH000468	BH000468	RA-4-SB-7	RA-4-SB-7	RAA2-B8-E
Sample Depth(Feet):	6-8	6-10	6-8	6-10	1-6
Volatile Organics Date Collected:	04/09/07	04/09/07	04/12/07	04/12/07	04/03/07
Furans					
2,3,7,8-TCDF	NA	0.000010 Y	NA	0.000012 Y	0.0000063 Y
TCDFs (total)	NA	0.00014 QI	NA	0.00011 QI	0.000050 I
1,2,3,7,8-PeCDF	NA	0.0000087	NA	0.0000062	0.0000022 J
2,3,4,7,8-PeCDF	NA	0.000051	NA	0.000017	0.000011
PeCDFs (total)	NA	0.00035 QI	NA	0.00022 QI	0.00023 I
1,2,3,4,7,8-HxCDF	NA	0.000065	NA	0.000039	0.0000090
1,2,3,6,7,8-HxCDF	NA	0.000015	NA	0.0000089	0.0000079
1,2,3,7,8,9-HxCDF	NA	0.000016	NA	0.0000048 J	ND(0.0000033)
2,3,4,6,7,8-HxCDF	NA	0.000022	NA	0.000011	0.000025
HxCDFs (total)	NA	0.00039	NA	0.00022	0.00034
1,2,3,4,6,7,8-HpCDF	NA	0.00010	NA	0.000059	0.000046
1,2,3,4,7,8,9-HpCDF	NA	0.000042	NA	0.000025	0.0000041 J
HpCDFs (total)	NA	0.00040	NA	0.00015	0.00010
OCDF	NA	0.00036	NA	0.00013	0.000013
Dioxins					
2,3,7,8-TCDD	NA	0.00000067 JQ	NA	0.00000045 J	0.0000017
TCDDs (total)	NA	0.000020 Q	NA	0.000016	0.000011
1,2,3,7,8-PeCDD	NA	ND(0.0000019)	NA	0.0000019 J	0.0000045
PeCDDs (total)	NA	0.000028 Q	NA	0.0000040 JQ	0.000033
1,2,3,4,7,8-HxCDD	NA	0.0000020 J	NA	0.0000024 J	0.0000018 J
1,2,3,6,7,8-HxCDD	NA	0.000015	NA	ND(0.0000052) X	0.0000019 J
1,2,3,7,8,9-HxCDD	NA	0.0000032 J	NA	ND(0.0000016)	0.0000016 J
HxCDDs (total)	NA	0.00011	NA	0.000015	0.000031
1,2,3,4,6,7,8-HpCDD	NA	0.00039	NA	0.000022	0.000012
HpCDDs (total)	NA	0.00072	NA	0.000042	0.000023
OCDD	NA	0.0031	NA	0.000080	0.000056
Total TEQs (WHO TEFs)	NA	0.000048	NA	0.000020	0.000018
Inorganics					
Antimony	NA	0.654 B	NA	ND(4.80)	0.483 B
Arsenic	NA	22.3	NA	20.4	6.07
Barium	NA	99.1	NA	183	23.2
Beryllium	NA	0.387 B	NA	0.306 B	ND(1.04)
Cadmium	NA	0.842 B	NA	1.15 B	0.818 B
Chromium	NA	9.82	NA	9.76	8.44
Cobalt	NA	3.77	NA	3.81	7.95
Copper	NA	59.9	NA	38.6	20.9
Lead	NA	14.1	NA	22.9	12.7
Mercury	NA	0.621	NA	0.0896	0.0192 B
Nickel	NA	12.4	NA	7.81	13.0
Selenium	NA	2.02 B	NA	0.667 B	ND(2.08)
Silver	NA	ND(1.13)	NA	ND(1.20)	ND(1.04)
Sulfide	NA	ND(5.80)	NA	ND(5.90)	24.0
Thallium	NA	ND(1.13)	NA	0.502 B	0.0312 B
Tin	NA	ND(1.13)	NA	ND(1.20)	2.04
Vanadium	NA	26.1	NA	17.8	8.14
Zinc	NA	9.82	NA	12.3	51.7

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID:	RAA2-B8-E	RAA2-H10	RAA2-H10	RAA2-I1	RAA2-I1
Sample Depth(Feet):	3-4	6-8	6-10	6-8	6-10
Parameter Date Collected:	04/03/07	04/09/07	04/09/07	04/10/07	04/10/07
Volatile Organics					
2-Butanone	0.0030 J	ND(0.0058)	NA	ND(0.0065)	NA
Acetone	0.024	0.019	NA	0.043	NA
Benzene	ND(0.0047)	ND(0.0058)	NA	ND(0.0065)	NA
Carbon Disulfide	ND(0.0047)	ND(0.0058)	NA	ND(0.0065)	NA
Carbon Tetrachloride	ND(0.0047)	ND(0.0058)	NA	ND(0.0065)	NA
Chlorobenzene	ND(0.0047)	ND(0.0058)	NA	ND(0.0065)	NA
Chloroform	ND(0.0047)	ND(0.0058)	NA	ND(0.0065)	NA
Chloromethane	ND(0.0047)	ND(0.0058)	NA	ND(0.0065)	NA
Methylene Chloride	ND(0.0047)	ND(0.0058)	NA	ND(0.0065)	NA
Tetrachloroethene	ND(0.0047)	ND(0.0058)	NA	0.030	NA
Toluene	ND(0.0047)	ND(0.0058)	NA	ND(0.0065)	NA
Trichloroethene	ND(0.0047)	ND(0.0058)	NA	0.0073	NA
Trichlorofluoromethane	ND(0.0047)	ND(0.0058)	NA	ND(0.0065)	NA
Xylenes (total)	ND(0.0047)	ND(0.0058)	NA	ND(0.0065)	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	NA	ND(0.93)	NA	ND(0.39)
1,2,4-Trichlorobenzene	NA	NA	ND(0.93)	NA	ND(0.39)
1,4-Dichlorobenzene	NA	NA	ND(0.93)	NA	ND(0.39)
2,4-Dimethylphenol	NA	NA	ND(0.93)	NA	ND(0.39)
2-Methylnaphthalene	NA	NA	ND(0.93)	NA	ND(0.39)
2-Methylphenol	NA	NA	ND(0.93)	NA	ND(0.39)
3&4-Methylphenol	NA	NA	ND(0.93)	NA	ND(0.39)
Acenaphthene	NA	NA	ND(0.93)	NA	ND(0.39)
Acenaphthylene	NA	NA	ND(0.93)	NA	ND(0.39)
Aniline	NA	NA	ND(0.93)	NA	ND(0.39)
Anthracene	NA	NA	ND(0.93)	NA	ND(0.39)
Benzo(a)anthracene	NA	NA	ND(0.93)	NA	ND(0.39)
Benzo(a)pyrene	NA	NA	ND(0.93)	NA	ND(0.39)
Benzo(b)fluoranthene	NA	NA	ND(0.93)	NA	ND(0.39)
Benzo(g,h,i)perylene	NA	NA	ND(0.93)	NA	ND(0.39)
Benzo(k)fluoranthene	NA	NA	ND(0.93)	NA	ND(0.39)
bis(2-Ethylhexyl)phthalate	NA	NA	0.18 J	NA	0.16 J
Chrysene	NA	NA	ND(0.93)	NA	ND(0.39)
Dibenzo(a,h)anthracene	NA	NA	ND(0.93)	NA	ND(0.39)
Dibenzofuran	NA	NA	ND(0.93)	NA	ND(0.39)
Di-n-Butylphthalate	NA	NA	0.22 J	NA	ND(0.39)
Fluoranthene	NA	NA	ND(0.93)	NA	ND(0.39)
Fluorene	NA	NA	ND(0.93)	NA	ND(0.39)
Hexachlorobenzene	NA	NA	ND(0.93)	NA	ND(0.39)
Indeno(1,2,3-cd)pyrene	NA	NA	ND(0.93)	NA	ND(0.39)
Naphthalene	NA	NA	ND(0.93)	NA	ND(0.39)
Pentachlorobenzene	NA	NA	ND(0.93)	NA	ND(0.39)
Phenanthrene	NA	NA	ND(0.93)	NA	ND(0.39)
Phenol	NA	NA	ND(0.93)	NA	ND(0.39)
Pyrene	NA	NA	ND(0.93)	NA	ND(0.39)

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID:	RAA2-B8-E	RAA2-H10	RAA2-H10	RAA2-I1	RAA2-I1
Sample Depth(Feet):	3-4	6-8	6-10	6-8	6-10
Parameter Date Collected:	04/03/07	04/09/07	04/09/07	04/10/07	04/10/07
Furans					
2,3,7,8-TCDF	NA	NA	0.00000085 J	NA	0.0000041 Y
TCDFs (total)	NA	NA	0.0000016	NA	0.000038
1,2,3,7,8-PeCDF	NA	NA	ND(0.00000045)	NA	0.0000050
2,3,4,7,8-PeCDF	NA	NA	0.00000073 J	NA	0.000019
PeCDFs (total)	NA	NA	0.0000045 J	NA	0.000089
1,2,3,4,7,8-HxCDF	NA	NA	0.00000047 J	NA	0.000045
1,2,3,6,7,8-HxCDF	NA	NA	ND(0.00000045)	NA	0.0000080
1,2,3,7,8,9-HxCDF	NA	NA	ND(0.00000045)	NA	0.0000093
2,3,4,6,7,8-HxCDF	NA	NA	ND(0.00000045)	NA	0.0000094
HxCDFs (total)	NA	NA	0.0000031 J	NA	0.00017 I
1,2,3,4,6,7,8-HpCDF	NA	NA	0.0000011 J	NA	0.00020
1,2,3,4,7,8,9-HpCDF	NA	NA	ND(0.00000053)	NA	0.000029
HpCDFs (total)	NA	NA	0.0000030 J	NA	0.00042
OCDF	NA	NA	0.0000032 J	NA	0.00024
Dioxins					
2,3,7,8-TCDD	NA	NA	ND(0.00000065)	NA	0.00000030 JQ
TCDDs (total)	NA	NA	ND(0.00000065)	NA	0.0000045 Q
1,2,3,7,8-PeCDD	NA	NA	ND(0.00000045)	NA	0.00000089 J
PeCDDs (total)	NA	NA	ND(0.00000045)	NA	0.0000036 J
1,2,3,4,7,8-HxCDD	NA	NA	ND(0.00000054)	NA	0.0000012 J
1,2,3,6,7,8-HxCDD	NA	NA	ND(0.00000056)	NA	0.0000012 J
1,2,3,7,8,9-HxCDD	NA	NA	ND(0.00000054)	NA	ND(0.00000048)
HxCDDs (total)	NA	NA	ND(0.00000055)	NA	0.000063
1,2,3,4,6,7,8-HpCDD	NA	NA	0.0000017 J	NA	0.00033
HpCDDs (total)	NA	NA	0.0000029 J	NA	0.00054
OCDD	NA	NA	0.0000095	NA	0.0019
Total TEQs (WHO TEFs)	NA	NA	0.0000012	NA	0.000024
Inorganics					
Antimony	NA	NA	0.825 B	NA	ND(4.58)
Arsenic	NA	NA	7.62	NA	14.0
Barium	NA	NA	239	NA	116
Beryllium	NA	NA	1.04 B	NA	ND(1.15)
Cadmium	NA	NA	1.42	NA	1.20
Chromium	NA	NA	11.9	NA	15.8
Cobalt	NA	NA	6.88	NA	8.47
Copper	NA	NA	36.0	NA	39.5
Lead	NA	NA	9.09	NA	5.39
Mercury	NA	NA	0.0218	NA	0.00483 B
Nickel	NA	NA	18.9	NA	18.1
Selenium	NA	NA	ND(2.13)	NA	1.75 B
Silver	NA	NA	ND(1.06)	NA	ND(1.15)
Sulfide	NA	NA	ND(5.30)	NA	ND(5.80)
Thallium	NA	NA	ND(1.06)	NA	0.0229 B
Tin	NA	NA	ND(1.06)	NA	ND(1.15)
Vanadium	NA	NA	21.7	NA	24.4
Zinc	NA	NA	16.0	NA	12.0

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID:	RAA2-SB-1,SB-2,SB-3	RAA2-SB-1,SB-2,SB-3	SS20-1	SS20-2
Sample Depth(Feet):	6-10	8-10	0-1	1-6
Parameter Date Collected:	04/03/07	04/03/07	03/30/07	03/30/07
Volatile Organics				
2-Butanone	NA	ND(0.0059)	0.011	NA
Acetone	NA	0.019	0.066	NA
Benzene	NA	ND(0.0059)	ND(0.0053)	NA
Carbon Disulfide	NA	ND(0.0059)	ND(0.0053)	NA
Carbon Tetrachloride	NA	ND(0.0059)	ND(0.0053)	NA
Chlorobenzene	NA	ND(0.0059)	ND(0.0053)	NA
Chloroform	NA	ND(0.0059)	ND(0.0053)	NA
Chloromethane	NA	ND(0.0059)	ND(0.0053)	NA
Methylene Chloride	NA	ND(0.0059)	ND(0.0053)	NA
Tetrachloroethene	NA	ND(0.0059)	ND(0.0053)	NA
Toluene	NA	ND(0.0059)	ND(0.0053)	NA
Trichloroethene	NA	ND(0.0059)	ND(0.0053)	NA
Trichlorofluoromethane	NA	ND(0.0059)	ND(0.0053)	NA
Xylenes (total)	NA	ND(0.0059)	ND(0.0053)	NA
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.35)	NA	ND(0.36)	0.44 J
1,2,4-Trichlorobenzene	ND(0.35)	NA	ND(0.36)	0.83
1,4-Dichlorobenzene	ND(0.35)	NA	ND(0.36)	ND(0.64)
2,4-Dimethylphenol	ND(0.35)	NA	ND(0.36)	ND(0.64)
2-Methylnaphthalene	ND(0.35)	NA	ND(0.36)	0.22 J
2-Methylphenol	ND(0.35)	NA	ND(0.36)	ND(0.64)
3&4-Methylphenol	ND(0.35)	NA	ND(0.36)	ND(0.64)
Acenaphthene	ND(0.35)	NA	ND(0.36)	0.13 J
Acenaphthylene	ND(0.35)	NA	ND(0.36)	ND(0.64)
Aniline	ND(0.35)	NA	ND(0.36)	ND(0.64)
Anthracene	ND(0.35)	NA	ND(0.36)	0.11 J
Benzo(a)anthracene	0.20 J	NA	0.068 J	0.24 J
Benzo(a)pyrene	0.18 J	NA	0.057 J	0.21 J
Benzo(b)fluoranthene	0.34 J	NA	0.085 J	0.30 J
Benzo(g,h,i)perylene	0.26 J	NA	0.12 J	0.33 J
Benzo(k)fluoranthene	0.12 J	NA	ND(0.36)	0.14 J
bis(2-Ethylhexyl)phthalate	ND(0.35)	NA	ND(0.36)	0.30 J
Chrysene	0.24 J	NA	0.082 J	0.31 J
Dibenzo(a,h)anthracene	0.34 J	NA	ND(0.36)	ND(0.64)
Dibenzofuran	ND(0.35)	NA	ND(0.36)	0.82
Di-n-Butylphthalate	ND(0.35)	NA	ND(0.36)	0.12 J
Fluoranthene	0.33 J	NA	0.12 J	1.4
Fluorene	ND(0.35)	NA	ND(0.36)	ND(0.64)
Hexachlorobenzene	ND(0.35)	NA	ND(0.36)	0.21 J
Indeno(1,2,3-cd)pyrene	0.22 J	NA	ND(0.36)	0.28 J
Naphthalene	ND(0.35)	NA	ND(0.36)	0.35 J
Pentachlorobenzene	ND(0.35)	NA	ND(0.36)	4.7
Phenanthrene	0.13 J	NA	0.068 J	3.1
Phenol	ND(0.35)	NA	ND(0.36)	ND(0.64)
Pyrene	0.28 J	NA	0.15 J	0.83

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA2-SB-1,SB-2,SB-3 6-10 04/03/07	RAA2-SB-1,SB-2,SB-3 8-10 04/03/07	SS20-1 0-1 03/30/07	SS20-2 1-6 03/30/07
Furans				
2,3,7,8-TCDF	0.0000016 Y	NA	0.0000027 Y	0.000033 Y
TCDFs (total)	0.000011	NA	0.000017	0.00026
1,2,3,7,8-PeCDF	0.00000065 J	NA	0.0000011 J	0.000025
2,3,4,7,8-PeCDF	0.0000014 J	NA	0.0000019 J	0.000090
PeCDFs (total)	0.000015 Q	NA	0.000023	0.00058 I
1,2,3,4,7,8-HxCDF	0.00000092 J	NA	0.0000010 J	0.00024
1,2,3,6,7,8-HxCDF	0.00000077 J	NA	0.00000076 J	0.000039
1,2,3,7,8,9-HxCDF	ND(0.00000046)	NA	ND(0.00000075)	0.000017
2,3,4,6,7,8-HxCDF	0.0000020 J	NA	0.0000012 J	0.000043
HxCDFs (total)	0.000025	NA	0.000016	0.00084
1,2,3,4,6,7,8-HpCDF	0.0000030 J	NA	0.0000031 J	0.00031
1,2,3,4,7,8,9-HpCDF	ND(0.00000046)	NA	ND(0.00000069)	0.00011
HpCDFs (total)	0.0000070	NA	0.0000063	0.00086
OCDF	0.0000020 J	NA	0.0000036 J	0.0013
Dioxins				
2,3,7,8-TCDD	ND(0.00000041)	NA	ND(0.00000033)	ND(0.00000032)
TCDDs (total)	ND(0.00000041)	NA	ND(0.00000033)	0.0000027
1,2,3,7,8-PeCDD	ND(0.00000046)	NA	ND(0.00000044)	ND(0.0000011)
PeCDDs (total)	ND(0.00000046) Q	NA	ND(0.00000044)	ND(0.0000011) Q
1,2,3,4,7,8-HxCDD	ND(0.00000046)	NA	ND(0.00000055)	ND(0.00000088)
1,2,3,6,7,8-HxCDD	ND(0.00000046)	NA	ND(0.00000057)	0.0000012 J
1,2,3,7,8,9-HxCDD	ND(0.00000046)	NA	ND(0.00000056)	ND(0.00000089)
HxCDDs (total)	0.0000023 J	NA	0.00000069 J	0.0000081
1,2,3,4,6,7,8-HpCDD	0.0000024 J	NA	0.0000031 J	0.0000093
HpCDDs (total)	0.0000047	NA	0.0000066	0.000018
OCDD	0.000027	NA	0.000024	0.000054
Total TEQs (WHO TEFs)	0.0000018	NA	0.0000021	0.000089
Inorganics				
Antimony	0.536 B	NA	ND(4.49)	ND(4.31)
Arsenic	9.96	NA	7.59	5.28
Barium	29.9	NA	49.0	55.7
Beryllium	0.374 B	NA	0.315 B	0.356 B
Cadmium	1.16	NA	1.11 B	1.05 B
Chromium	16.2	NA	13.0	11.0
Cobalt	16.1	NA	9.85	11.7
Copper	51.2	NA	24.7	25.8
Lead	27.4	NA	33.8	9.50
Mercury	0.260	NA	0.0405	0.181
Nickel	35.7	NA	21.9	15.1
Selenium	ND(2.10)	NA	ND(2.24)	ND(2.16)
Silver	ND(1.05)	NA	0.706 B	0.468 B
Sulfide	ND(5.30)	NA	75.0	ND(4.40)
Thallium	0.0231 B	NA	0.0292 B	0.0808 B
Tin	ND(1.05)	NA	ND(1.12)	ND(1.08)
Vanadium	17.7	NA	13.8	25.7
Zinc	90.5	NA	82.6	48.7

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID:	SS20-2	SS30-1	SS30-1	SS30-2	SS30-2
Sample Depth(Feet):	4-6	10-12	10-15	10-12	10-15
Parameter / Date Collected:	03/30/07	04/10/07	04/10/07	04/11/07	04/11/07
Volatile Organics					
2-Butanone	0.014	0.0097	NA	0.0046 J	NA
Acetone	0.068	0.047	NA	0.028	NA
Benzene	ND(0.0053)	ND(0.0066)	NA	ND(0.0050)	NA
Carbon Disulfide	0.011	ND(0.0066)	NA	ND(0.0050)	NA
Carbon Tetrachloride	ND(0.0053)	ND(0.0066)	NA	ND(0.0050)	NA
Chlorobenzene	ND(0.0053)	ND(0.0066)	NA	ND(0.0050)	NA
Chloroform	ND(0.0053)	ND(0.0066)	NA	ND(0.0050)	NA
Chloromethane	ND(0.0053)	ND(0.0066)	NA	ND(0.0050)	NA
Methylene Chloride	ND(0.0053)	ND(0.0066)	NA	ND(0.0050)	NA
Tetrachloroethene	ND(0.0053)	ND(0.0066)	NA	ND(0.0050)	NA
Toluene	ND(0.0053)	ND(0.0066)	NA	ND(0.0050)	NA
Trichloroethene	ND(0.0053)	ND(0.0066)	NA	ND(0.0050)	NA
Trichlorofluoromethane	0.0065	ND(0.0066)	NA	ND(0.0050)	NA
Xylenes (total)	ND(0.0053)	ND(0.0066)	NA	ND(0.0050)	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	NA	ND(2.2)	NA	ND(0.34)
1,2,4-Trichlorobenzene	NA	NA	ND(2.2)	NA	ND(0.34)
1,4-Dichlorobenzene	NA	NA	1.1 J	NA	ND(0.34)
2,4-Dimethylphenol	NA	NA	ND(2.2)	NA	ND(0.34)
2-Methylnaphthalene	NA	NA	0.69 J	NA	ND(0.34)
2-Methylphenol	NA	NA	ND(2.2)	NA	ND(0.34)
3&4-Methylphenol	NA	NA	ND(2.2)	NA	ND(0.34)
Acenaphthene	NA	NA	ND(2.2)	NA	ND(0.34)
Acenaphthylene	NA	NA	ND(2.2)	NA	ND(0.34)
Aniline	NA	NA	ND(2.2)	NA	ND(0.34)
Anthracene	NA	NA	ND(2.2)	NA	ND(0.34)
Benzo(a)anthracene	NA	NA	ND(2.2)	NA	ND(0.34)
Benzo(a)pyrene	NA	NA	ND(2.2)	NA	ND(0.34)
Benzo(b)fluoranthene	NA	NA	ND(2.2)	NA	ND(0.34)
Benzo(g,h,i)perylene	NA	NA	ND(2.2)	NA	ND(0.34)
Benzo(k)fluoranthene	NA	NA	ND(2.2)	NA	ND(0.34)
bis(2-Ethylhexyl)phthalate	NA	NA	0.42 J	NA	0.43
Chrysene	NA	NA	ND(2.2)	NA	ND(0.34)
Dibenzo(a,h)anthracene	NA	NA	ND(2.2)	NA	ND(0.34)
Dibenzofuran	NA	NA	ND(2.2)	NA	ND(0.34)
Di-n-Butylphthalate	NA	NA	0.27 J	NA	ND(0.34)
Fluoranthene	NA	NA	ND(2.2)	NA	ND(0.34)
Fluorene	NA	NA	ND(2.2)	NA	ND(0.34)
Hexachlorobenzene	NA	NA	ND(2.2)	NA	ND(0.34)
Indeno(1,2,3-cd)pyrene	NA	NA	ND(2.2)	NA	ND(0.34)
Naphthalene	NA	NA	0.24 J	NA	ND(0.34)
Pentachlorobenzene	NA	NA	ND(2.2)	NA	ND(0.34)
Phenanthrene	NA	NA	ND(2.2)	NA	ND(0.34)
Phenol	NA	NA	ND(2.2)	NA	ND(0.34)
Pyrene	NA	NA	0.46 J	NA	ND(0.34)

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID:	SS20-2	SS30-1	SS30-1	SS30-2	SS30-2
Sample Depth(Feet):	4-6	10-12	10-15	10-12	10-15
Parameter Date Collected:	03/30/07	04/10/07	04/10/07	04/11/07	04/11/07
Furans					
2,3,7,8-TCDF	NA	NA	0.000015 Y	NA	0.00000034 J
TCDFs (total)	NA	NA	0.00012 Q	NA	0.00000082 J
1,2,3,7,8-PeCDF	NA	NA	0.000016 QI	NA	ND(0.00000044)
2,3,4,7,8-PeCDF	NA	NA	0.000049 Q	NA	ND(0.00000044)
PeCDFs (total)	NA	NA	0.00029 QI	NA	ND(0.00000044)
1,2,3,4,7,8-HxCDF	NA	NA	0.00016	NA	ND(0.00000044)
1,2,3,6,7,8-HxCDF	NA	NA	0.000028	NA	ND(0.00000044)
1,2,3,7,8,9-HxCDF	NA	NA	0.000032	NA	ND(0.00000044)
2,3,4,6,7,8-HxCDF	NA	NA	0.000035	NA	ND(0.00000044)
HxCDFs (total)	NA	NA	0.00074	NA	0.0000011 J
1,2,3,4,6,7,8-HpCDF	NA	NA	0.0011	NA	ND(0.00000044)
1,2,3,4,7,8,9-HpCDF	NA	NA	0.000083	NA	ND(0.00000044)
HpCDFs (total)	NA	NA	0.0022	NA	0.0000012 J
OCDF	NA	NA	0.00097	NA	ND(0.00000087)
Dioxins					
2,3,7,8-TCDD	NA	NA	0.0000012 JQ	NA	ND(0.00000025)
TCDDs (total)	NA	NA	0.000015 Q	NA	ND(0.00000025)
1,2,3,7,8-PeCDD	NA	NA	ND(0.0000078) XQ	NA	ND(0.00000044)
PeCDDs (total)	NA	NA	0.000019 Q	NA	ND(0.00000044)
1,2,3,4,7,8-HxCDD	NA	NA	0.0000070	NA	ND(0.00000044)
1,2,3,6,7,8-HxCDD	NA	NA	0.000046	NA	ND(0.00000044)
1,2,3,7,8,9-HxCDD	NA	NA	0.000017	NA	ND(0.00000044)
HxCDDs (total)	NA	NA	0.00029 Q	NA	ND(0.00000044)
1,2,3,4,6,7,8-HpCDD	NA	NA	0.0012	NA	0.00000069 J
HpCDDs (total)	NA	NA	0.0020	NA	0.0000012 J
OCDD	NA	NA	0.0069 EQ	NA	0.0000045 J
Total TEQs (WHO TEFs)	NA	NA	0.000089	NA	0.00000066
Inorganics					
Antimony	NA	NA	ND(5.45)	NA	ND(3.93)
Arsenic	NA	NA	5.32	NA	7.60
Barium	NA	NA	30.9	NA	43.0
Beryllium	NA	NA	0.405 B	NA	ND(0.981)
Cadmium	NA	NA	0.387 B	NA	0.792 B
Chromium	NA	NA	4.24	NA	12.4
Cobalt	NA	NA	2.92	NA	13.1
Copper	NA	NA	26.4	NA	31.3
Lead	NA	NA	10.1	NA	24.8
Mercury	NA	NA	0.0227 B	NA	0.0162 B
Nickel	NA	NA	7.96	NA	19.8
Selenium	NA	NA	2.17 B	NA	ND(1.96)
Silver	NA	NA	ND(1.36)	NA	0.167 B
Sulfide	NA	NA	ND(6.30)	NA	ND(5.30)
Thallium	NA	NA	0.0245 B	NA	0.0363 B
Tin	NA	NA	1.49	NA	ND(0.981)
Vanadium	NA	NA	10.1	NA	9.61
Zinc	NA	NA	24.6	NA	50.8

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID:	SS30-4	SS30-4	SS30-5	SS30-5	SS30-6
Sample Depth(Feet):	6-10	8-10	10-15	12-14	6-8
Parameter / Date Collected:	04/11/07	04/11/07	04/05/07	04/05/07	04/10/07
Volatile Organics					
2-Butanone	NA	ND(0.0052)	NA	ND(0.0056)	0.0070
Acetone	NA	0.019	NA	0.0059	0.042
Benzene	NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0048)
Carbon Disulfide	NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0048)
Carbon Tetrachloride	NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0048)
Chlorobenzene	NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0048)
Chloroform	NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0048)
Chloromethane	NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0048)
Methylene Chloride	NA	ND(0.0052)	NA	0.0084	ND(0.0048)
Tetrachloroethene	NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0048)
Toluene	NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0048)
Trichloroethene	NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0048)
Trichlorofluoromethane	NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0048)
Xylenes (total)	NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0048)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.34)	NA	ND(0.35)	NA	NA
1,2,4-Trichlorobenzene	ND(0.34)	NA	ND(0.35)	NA	NA
1,4-Dichlorobenzene	ND(0.34)	NA	ND(0.35)	NA	NA
2,4-Dimethylphenol	ND(0.34)	NA	ND(0.35)	NA	NA
2-Methylnaphthalene	ND(0.34)	NA	ND(0.35)	NA	NA
2-Methylphenol	ND(0.34)	NA	ND(0.35)	NA	NA
3&4-Methylphenol	ND(0.34)	NA	ND(0.35)	NA	NA
Acenaphthene	ND(0.34)	NA	ND(0.35)	NA	NA
Acenaphthylene	ND(0.34)	NA	ND(0.35)	NA	NA
Aniline	ND(0.34)	NA	ND(0.35)	NA	NA
Anthracene	ND(0.34)	NA	ND(0.35)	NA	NA
Benzo(a)anthracene	ND(0.34)	NA	ND(0.35)	NA	NA
Benzo(a)pyrene	ND(0.34)	NA	ND(0.35)	NA	NA
Benzo(b)fluoranthene	ND(0.34)	NA	ND(0.35)	NA	NA
Benzo(g,h,i)perylene	ND(0.34)	NA	ND(0.35)	NA	NA
Benzo(k)fluoranthene	ND(0.34)	NA	ND(0.35)	NA	NA
bis(2-Ethylhexyl)phthalate	0.052 J	NA	ND(0.35)	NA	NA
Chrysene	ND(0.34)	NA	ND(0.35)	NA	NA
Dibenzo(a,h)anthracene	ND(0.34)	NA	ND(0.35)	NA	NA
Dibenzofuran	ND(0.34)	NA	ND(0.35)	NA	NA
Di-n-Butylphthalate	ND(0.34)	NA	ND(0.35)	NA	NA
Fluoranthene	ND(0.34)	NA	ND(0.35)	NA	NA
Fluorene	ND(0.34)	NA	ND(0.35)	NA	NA
Hexachlorobenzene	ND(0.34)	NA	ND(0.35)	NA	NA
Indeno(1,2,3-cd)pyrene	ND(0.34)	NA	ND(0.35)	NA	NA
Naphthalene	ND(0.34)	NA	ND(0.35)	NA	NA
Pentachlorobenzene	ND(0.34)	NA	ND(0.35)	NA	NA
Phenanthrene	ND(0.34)	NA	ND(0.35)	NA	NA
Phenol	ND(0.34)	NA	ND(0.35)	NA	NA
Pyrene	ND(0.34)	NA	ND(0.35)	NA	NA

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID:	SS30-4	SS30-4	SS30-5	SS30-5	SS30-6
Sample Depth(Feet):	6-10	8-10	10-15	12-14	6-8
Parameter / Date Collected:	04/11/07	04/11/07	04/05/07	04/05/07	04/10/07
Furans					
2,3,7,8-TCDF	0.00000030 J	NA	0.00000075 J	NA	NA
TCDFs (total)	0.00000057 J	NA	0.0000028	NA	NA
1,2,3,7,8-PeCDF	ND(0.00000044)	NA	ND(0.00000041)	NA	NA
2,3,4,7,8-PeCDF	ND(0.00000044)	NA	ND(0.00000041)	NA	NA
PeCDFs (total)	ND(0.00000044)	NA	0.0000049	NA	NA
1,2,3,4,7,8-HxCDF	ND(0.00000044)	NA	ND(0.00000041)	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.00000044)	NA	ND(0.00000041)	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.00000044)	NA	ND(0.00000041)	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.00000044)	NA	ND(0.00000041)	NA	NA
HxCDFs (total)	ND(0.00000044)	NA	0.00000090 J	NA	NA
1,2,3,4,6,7,8-HpCDF	ND(0.00000044)	NA	ND(0.00000041)	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000044)	NA	ND(0.00000041)	NA	NA
HpCDFs (total)	ND(0.00000044)	NA	0.00000060 J	NA	NA
OCDF	ND(0.00000087)	NA	0.0000011 J	NA	NA
Dioxins					
2,3,7,8-TCDD	ND(0.00000023)	NA	ND(0.00000044)	NA	NA
TCDDs (total)	ND(0.00000023)	NA	ND(0.00000044)	NA	NA
1,2,3,7,8-PeCDD	ND(0.00000044)	NA	ND(0.00000041)	NA	NA
PeCDDs (total)	ND(0.00000044)	NA	ND(0.00000041)	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.00000044)	NA	ND(0.00000041)	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.00000044)	NA	ND(0.00000041)	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.00000044)	NA	ND(0.00000041)	NA	NA
HxCDDs (total)	ND(0.00000044)	NA	ND(0.00000041)	NA	NA
1,2,3,4,6,7,8-HpCDD	ND(0.00000044)	NA	ND(0.00000066) X	NA	NA
HpCDDs (total)	ND(0.00000044)	NA	0.00000052 J	NA	NA
OCDD	0.0000021 J	NA	0.0000047 J	NA	NA
Total TEQs (WHO TEFs)	0.00000064	NA	0.00000077	NA	NA
Inorganics					
Antimony	0.452 B	NA	0.620 B	NA	NA
Arsenic	8.57	NA	7.90	NA	NA
Barium	20.8	NA	24.1	NA	NA
Beryllium	0.645 B	NA	ND(0.959)	NA	NA
Cadmium	0.859 B	NA	1.04	NA	NA
Chromium	13.6	NA	12.3	NA	NA
Cobalt	12.9	NA	8.65	NA	NA
Copper	35.0	NA	16.7	NA	NA
Lead	12.3	NA	7.26	NA	NA
Mercury	0.0254	NA	0.00807 B	NA	NA
Nickel	22.8	NA	16.1	NA	NA
Selenium	ND(2.15)	NA	ND(1.92)	NA	NA
Silver	ND(1.07)	NA	0.109 B	NA	NA
Sulfide	ND(5.00)	NA	ND(5.10)	NA	NA
Thallium	ND(1.07)	NA	1.13	NA	NA
Tin	ND(1.07)	NA	ND(0.959)	NA	NA
Vanadium	11.4	NA	7.25	NA	NA
Zinc	60.3	NA	52.6	NA	NA

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	SS30-6 6-10 04/10/07	SW20S-2 1-6 04/04/07	SW20S-2 4-6 04/04/07	SW20S-3 1-3 03/29/07
Volatile Organics				
2-Butanone	NA	NA	0.0025 J	0.0045 J [ND(0.0065)]
Acetone	NA	NA	0.010	0.020 [0.041]
Benzene	NA	NA	ND(0.0043)	ND(0.0064) [ND(0.0065)]
Carbon Disulfide	NA	NA	ND(0.0043)	ND(0.0064) [ND(0.0065)]
Carbon Tetrachloride	NA	NA	ND(0.0043)	ND(0.0064) [ND(0.0065)]
Chlorobenzene	NA	NA	ND(0.0043)	ND(0.0064) [ND(0.0065)]
Chloroform	NA	NA	ND(0.0043)	ND(0.0064) [ND(0.0065)]
Chloromethane	NA	NA	ND(0.0043)	ND(0.0064) [ND(0.0065)]
Methylene Chloride	NA	NA	ND(0.0043)	ND(0.0064) [ND(0.0065)]
Tetrachloroethene	NA	NA	ND(0.0043)	ND(0.0064) [ND(0.0065)]
Toluene	NA	NA	ND(0.0043)	ND(0.0064) [ND(0.0065)]
Trichloroethene	NA	NA	ND(0.0043)	ND(0.0064) [ND(0.0065)]
Trichlorofluoromethane	NA	NA	ND(0.0043)	ND(0.0064) [ND(0.0065)]
Xylenes (total)	NA	NA	ND(0.0043)	ND(0.0064) [ND(0.0065)]
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.35)	ND(0.32)	NA	NA
1,2,4-Trichlorobenzene	ND(0.35)	ND(0.32)	NA	NA
1,4-Dichlorobenzene	ND(0.35)	ND(0.32)	NA	NA
2,4-Dimethylphenol	ND(0.35)	ND(0.32)	NA	NA
2-Methylnaphthalene	ND(0.35)	ND(0.32)	NA	NA
2-Methylphenol	ND(0.35)	ND(0.32)	NA	NA
3&4-Methylphenol	ND(0.35)	ND(0.32)	NA	NA
Acenaphthene	ND(0.35)	ND(0.32)	NA	NA
Acenaphthylene	ND(0.35)	ND(0.32)	NA	NA
Aniline	ND(0.35)	ND(0.32)	NA	NA
Anthracene	ND(0.35)	ND(0.32)	NA	NA
Benzo(a)anthracene	ND(0.35)	ND(0.32)	NA	NA
Benzo(a)pyrene	ND(0.35)	ND(0.32)	NA	NA
Benzo(b)fluoranthene	ND(0.35)	ND(0.32)	NA	NA
Benzo(g,h,i)perylene	ND(0.35)	ND(0.32)	NA	NA
Benzo(k)fluoranthene	ND(0.35)	ND(0.32)	NA	NA
bis(2-Ethylhexyl)phthalate	ND(0.35)	ND(0.32)	NA	NA
Chrysene	ND(0.35)	ND(0.32)	NA	NA
Dibenzo(a,h)anthracene	ND(0.35)	ND(0.32)	NA	NA
Dibenzofuran	ND(0.35)	ND(0.32)	NA	NA
Di-n-Butylphthalate	ND(0.35)	ND(0.32)	NA	NA
Fluoranthene	ND(0.35)	ND(0.32)	NA	NA
Fluorene	ND(0.35)	ND(0.32)	NA	NA
Hexachlorobenzene	ND(0.35)	ND(0.32)	NA	NA
Indeno(1,2,3-cd)pyrene	ND(0.35)	ND(0.32)	NA	NA
Naphthalene	ND(0.35)	ND(0.32)	NA	NA
Pentachlorobenzene	ND(0.35)	ND(0.32)	NA	NA
Phenanthrene	ND(0.35)	ND(0.32)	NA	NA
Phenol	ND(0.35)	ND(0.32)	NA	NA
Pyrene	ND(0.35)	ND(0.32)	NA	NA

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	SS30-6 6-10 04/10/07	SW20S-2 1-6 04/04/07	SW20S-2 4-6 04/04/07	SW20S-3 1-3 03/29/07
Furans				
2,3,7,8-TCDF	0.00000038 J	0.00000046 J	NA	NA
TCDFs (total)	0.00000069 J	0.00000076 J	NA	NA
1,2,3,7,8-PeCDF	ND(0.00000043)	ND(0.00000042)	NA	NA
2,3,4,7,8-PeCDF	ND(0.00000043)	ND(0.00000042)	NA	NA
PeCDFs (total)	ND(0.00000043)	ND(0.00000042) Q	NA	NA
1,2,3,4,7,8-HxCDF	ND(0.00000043)	ND(0.00000042)	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.00000043)	ND(0.00000042)	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.00000043)	ND(0.00000042)	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.00000043)	ND(0.00000042)	NA	NA
HxCDFs (total)	ND(0.00000043)	ND(0.00000042)	NA	NA
1,2,3,4,6,7,8-HpCDF	0.00000071 J	ND(0.00000042)	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000043)	ND(0.00000042)	NA	NA
HpCDFs (total)	0.00000071 J	0.00000051 J	NA	NA
OCDF	ND(0.00000086)	0.0000014 J	NA	NA
Dioxins				
2,3,7,8-TCDD	ND(0.00000022)	ND(0.00000016)	NA	NA
TCDDs (total)	ND(0.00000022)	ND(0.00000016)	NA	NA
1,2,3,7,8-PeCDD	ND(0.00000043)	ND(0.00000042)	NA	NA
PeCDDs (total)	ND(0.00000043)	ND(0.00000042)	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.00000043)	ND(0.00000042)	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.00000043)	ND(0.00000042)	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.00000043)	ND(0.00000042)	NA	NA
HxCDDs (total)	ND(0.00000043)	ND(0.00000042)	NA	NA
1,2,3,4,6,7,8-HpCDD	0.0000013 J	0.00000064 J	NA	NA
HpCDDs (total)	0.0000023 J	0.00000064 J	NA	NA
OCDD	0.0000075 J	0.0000043 J	NA	NA
Total TEQs (WHO TEFs)	0.00000066	0.00000061	NA	NA
Inorganics				
Antimony	0.671 B	1.15 B	NA	NA
Arsenic	5.84	7.46	NA	NA
Barium	12.0	27.5	NA	NA
Beryllium	ND(0.938)	ND(0.906)	NA	NA
Cadmium	0.527 B	1.14	NA	NA
Chromium	6.38	12.8	NA	NA
Cobalt	7.46	13.3	NA	NA
Copper	25.7	34.6	NA	NA
Lead	12.1	21.8	NA	NA
Mercury	0.00504 B	0.0106 B	NA	NA
Nickel	14.0	22.1	NA	NA
Selenium	ND(1.88)	ND(1.81)	NA	NA
Silver	0.0995 B	0.267 B	NA	NA
Sulfide	ND(5.10)	ND(5.10)	NA	NA
Thallium	ND(0.938)	1.34	NA	NA
Tin	ND(0.938)	ND(0.906)	NA	NA
Vanadium	5.70	10.9	NA	NA
Zinc	39.3	64.7	NA	NA

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID:	SW20S-3	SW20S-4	SW20S-4	SW20S-5
Sample Depth(Feet):	1-6	6-8	6-10	0-1
Parameter Date Collected:	03/29/07	03/29/07	03/29/07	03/29/07
Volatile Organics				
2-Butanone	NA	0.013	NA	0.0081
Acetone	NA	0.068	NA	0.081
Benzene	NA	ND(0.0056)	NA	ND(0.0063)
Carbon Disulfide	NA	ND(0.0056)	NA	ND(0.0063)
Carbon Tetrachloride	NA	ND(0.0056)	NA	ND(0.0063)
Chlorobenzene	NA	ND(0.0056)	NA	ND(0.0063)
Chloroform	NA	ND(0.0056)	NA	ND(0.0063)
Chloromethane	NA	ND(0.0056)	NA	ND(0.0063)
Methylene Chloride	NA	ND(0.0056)	NA	ND(0.0063)
Tetrachloroethene	NA	ND(0.0056)	NA	ND(0.0063)
Toluene	NA	ND(0.0056)	NA	ND(0.0063)
Trichloroethene	NA	ND(0.0056)	NA	ND(0.0063)
Trichlorofluoromethane	NA	ND(0.0056)	NA	ND(0.0063)
Xylenes (total)	NA	ND(0.0056)	NA	ND(0.0063)
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.40) [ND(0.38)]	NA	ND(0.34)	ND(1.8)
1,2,4-Trichlorobenzene	ND(0.40) [ND(0.38)]	NA	ND(0.34)	ND(1.8)
1,4-Dichlorobenzene	ND(0.40) [ND(0.38)]	NA	ND(0.34)	ND(1.8)
2,4-Dimethylphenol	ND(0.40) [ND(0.38)]	NA	ND(0.34)	ND(1.8)
2-Methylnaphthalene	ND(0.40) [ND(0.38)]	NA	ND(0.34)	ND(1.8)
2-Methylphenol	ND(0.40) [ND(0.38)]	NA	ND(0.34)	ND(1.8)
3&4-Methylphenol	ND(0.40) [ND(0.38)]	NA	ND(0.34)	ND(1.8)
Acenaphthene	ND(0.40) [ND(0.38)]	NA	ND(0.34)	ND(1.8)
Acenaphthylene	ND(0.40) [ND(0.38)]	NA	ND(0.34)	ND(1.8)
Aniline	ND(0.40) [ND(0.38)]	NA	ND(0.34)	ND(1.8)
Anthracene	ND(0.40) [ND(0.38)]	NA	ND(0.34)	ND(1.8)
Benzo(a)anthracene	ND(0.40) [ND(0.38)]	NA	ND(0.34)	0.49 J
Benzo(a)pyrene	ND(0.40) [ND(0.38)]	NA	ND(0.34)	0.60 J
Benzo(b)fluoranthene	ND(0.40) [ND(0.38)]	NA	ND(0.34)	0.67 J
Benzo(g,h,i)perylene	ND(0.40) [ND(0.38)]	NA	ND(0.34)	0.92 J
Benzo(k)fluoranthene	ND(0.40) [ND(0.38)]	NA	ND(0.34)	ND(1.8)
bis(2-Ethylhexyl)phthalate	ND(0.40) [ND(0.38)]	NA	ND(0.34)	ND(1.8)
Chrysene	ND(0.40) [ND(0.38)]	NA	ND(0.34)	0.67 J
Dibenzo(a,h)anthracene	ND(0.40) [ND(0.38)]	NA	ND(0.34)	ND(1.8)
Dibenzofuran	ND(0.40) [ND(0.38)]	NA	ND(0.34)	ND(1.8)
Di-n-Butylphthalate	ND(0.40) [ND(0.38)]	NA	ND(0.34)	ND(1.8)
Fluoranthene	ND(0.40) [ND(0.38)]	NA	ND(0.34)	0.67 J
Fluorene	ND(0.40) [ND(0.38)]	NA	ND(0.34)	ND(1.8)
Hexachlorobenzene	ND(0.40) [ND(0.38)]	NA	ND(0.34)	ND(1.8)
Indeno(1,2,3-cd)pyrene	ND(0.40) [ND(0.38)]	NA	ND(0.34)	0.83 J
Naphthalene	ND(0.40) [ND(0.38)]	NA	ND(0.34)	ND(1.8)
Pentachlorobenzene	ND(0.40) [ND(0.38)]	NA	ND(0.34)	ND(1.8)
Phenanthrene	ND(0.40) [ND(0.38)]	NA	ND(0.34)	0.36 J
Phenol	ND(0.40) [ND(0.38)]	NA	ND(0.34)	ND(1.8)
Pyrene	ND(0.40) [ND(0.38)]	NA	ND(0.34)	0.83 J

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	SW20S-3 1-6 03/29/07	SW20S-4 6-8 03/29/07	SW20S-4 6-10 03/29/07	SW20S-5 0-1 03/29/07
Furans				
2,3,7,8-TCDF	ND(0.00000057) [ND(0.00000062)]	NA	ND(0.00000047)	0.0000038 Y
TCDFs (total)	ND(0.00000057) [ND(0.00000062)]	NA	ND(0.00000047)	0.000056 Q
1,2,3,7,8-PeCDF	ND(0.00000051) [ND(0.00000052)]	NA	ND(0.00000046)	ND(0.0000019) XQ
2,3,4,7,8-PeCDF	ND(0.00000051) [ND(0.00000052)]	NA	0.00000074 J	0.0000065 Q
PeCDFs (total)	0.00000087 J [0.00000073 J]	NA	0.0000074	0.00016 Q
1,2,3,4,7,8-HxCDF	ND(0.00000059) [ND(0.00000059)]	NA	ND(0.00000065)	0.0000034 J
1,2,3,6,7,8-HxCDF	ND(0.00000056) [ND(0.00000057)]	NA	ND(0.00000063)	ND(0.0000034) X
1,2,3,7,8,9-HxCDF	ND(0.00000066) [ND(0.00000067)]	NA	ND(0.00000074)	0.00000079 J
2,3,4,6,7,8-HxCDF	ND(0.00000058) [ND(0.00000059)]	NA	ND(0.00000065)	0.0000079
HxCDFs (total)	0.0000027 J [0.0000021 J]	NA	0.0000061	0.00012 Q
1,2,3,4,6,7,8-HpCDF	ND(0.00000089) [ND(0.0000011)]	NA	0.00000097 J	0.000018
1,2,3,4,7,8,9-HpCDF	ND(0.0000011) [ND(0.0000014)]	NA	ND(0.0000011)	ND(0.0000010)
HpCDFs (total)	0.0000013 J [ND(0.0000012)]	NA	0.0000020 J	0.000039
OCDF	ND(0.0000034) [ND(0.0000043)]	NA	ND(0.0000031)	0.000020
Dioxins				
2,3,7,8-TCDD	ND(0.00000052) [ND(0.00000071)]	NA	ND(0.00000053)	ND(0.00000053)
TCDDs (total)	ND(0.00000052) [ND(0.00000071)]	NA	ND(0.00000053)	0.00000067 J
1,2,3,7,8-PeCDD	ND(0.00000058) [ND(0.00000066)]	NA	ND(0.00000050)	0.00000056 J
PeCDDs (total)	ND(0.00000058) [ND(0.00000066)]	NA	ND(0.00000050)	0.0000027 J
1,2,3,4,7,8-HxCDD	ND(0.00000087) [ND(0.00000097)]	NA	ND(0.00000072)	ND(0.00000072)
1,2,3,6,7,8-HxCDD	ND(0.00000090) [ND(0.0000010)]	NA	ND(0.00000074)	0.0000012 J
1,2,3,7,8,9-HxCDD	ND(0.00000088) [ND(0.00000098)]	NA	ND(0.00000072)	ND(0.00000073)
HxCDDs (total)	ND(0.00000088) [ND(0.00000098)]	NA	ND(0.00000073)	0.0000065 Q
1,2,3,4,6,7,8-HpCDD	0.0000036 J [ND(0.0000020)]	NA	ND(0.0000018)	0.000024
HpCDDs (total)	0.0000061 [ND(0.0000020)]	NA	ND(0.0000018)	0.000067
OCDD	0.000018 [ND(0.0000049)]	NA	0.0000045 J	0.00019
Total TEQs (WHO TEFs)	0.0000010 [0.0000011]	NA	0.0000012	0.0000065
Inorganics				
Antimony	ND(4.34) [ND(4.99)]	NA	0.528 B	ND(4.74)
Arsenic	9.21 [10.8]	NA	8.81	9.14
Barium	59.8 [45.8]	NA	24.4	49.0
Beryllium	1.08 B [0.422 B]	NA	ND(0.954)	0.630 B
Cadmium	0.240 B [0.292 B]	NA	0.348 B	ND(1.19)
Chromium	17.9 [16.4]	NA	12.7	13.8
Cobalt	17.1 [15.1]	NA	13.6	11.0
Copper	28.0 [29.1]	NA	29.8	52.8
Lead	14.3 [12.1]	NA	12.7	44.0
Mercury	ND(0.0255) [ND(0.0240)]	NA	ND(0.0213)	0.0304
Nickel	30.2 [28.3]	NA	24.1	19.8
Selenium	ND(2.17) [0.628 B]	NA	1.70 B	ND(2.37)
Silver	0.188 B [0.112 B]	NA	0.293 B	0.216 B
Sulfide	ND(5.50) [ND(6.20)]	NA	ND(5.00)	ND(4.70)
Thallium	0.118 B [0.0624 B]	NA	0.0105 B	0.0154 B
Tin	ND(1.08) [ND(1.25)]	NA	1.14	ND(1.19)
Vanadium	16.2 [14.6]	NA	10.8	23.1
Zinc	98.4 [87.4]	NA	66.2	85.6

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID:	SW20S-6	SW20S-7	SW20S-7	SW20S-8	SW20S-8
Sample Depth(Feet):	0-1	6-10	8-10	1-6	3-4
Parameter Date Collected:	03/29/07	03/29/07	03/29/07	03/29/07	03/29/07
Volatile Organics					
2-Butanone	0.0084	NA	0.0075	NA	0.015
Acetone	0.068	NA	0.036	NA	0.070
Benzene	ND(0.0059)	NA	ND(0.0052)	NA	ND(0.0055)
Carbon Disulfide	ND(0.0059)	NA	ND(0.0052)	NA	ND(0.0055)
Carbon Tetrachloride	ND(0.0059)	NA	ND(0.0052)	NA	ND(0.0055)
Chlorobenzene	ND(0.0059)	NA	ND(0.0052)	NA	ND(0.0055)
Chloroform	ND(0.0059)	NA	ND(0.0052)	NA	ND(0.0055)
Chloromethane	ND(0.0059)	NA	ND(0.0052)	NA	ND(0.0055)
Methylene Chloride	ND(0.0059)	NA	ND(0.0052)	NA	ND(0.0055)
Tetrachloroethene	ND(0.0059)	NA	ND(0.0052)	NA	ND(0.0055)
Toluene	ND(0.0059)	NA	ND(0.0052)	NA	ND(0.0055)
Trichloroethene	ND(0.0059)	NA	ND(0.0052)	NA	ND(0.0055)
Trichlorofluoromethane	ND(0.0059)	NA	ND(0.0052)	NA	ND(0.0055)
Xylenes (total)	ND(0.0059)	NA	ND(0.0052)	NA	ND(0.0055)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(1.8)	ND(0.34)	NA	ND(0.36)	NA
1,2,4-Trichlorobenzene	ND(1.8)	ND(0.34)	NA	ND(0.36)	NA
1,4-Dichlorobenzene	ND(1.8)	ND(0.34)	NA	ND(0.36)	NA
2,4-Dimethylphenol	ND(1.8)	ND(0.34)	NA	ND(0.36)	NA
2-Methylnaphthalene	ND(1.8)	ND(0.34)	NA	ND(0.36)	NA
2-Methylphenol	ND(1.8)	ND(0.34)	NA	ND(0.36)	NA
3&4-Methylphenol	ND(1.8)	ND(0.34)	NA	ND(0.36)	NA
Acenaphthene	ND(1.8)	ND(0.34)	NA	ND(0.36)	NA
Acenaphthylene	ND(1.8)	ND(0.34)	NA	ND(0.36)	NA
Aniline	ND(1.8)	ND(0.34)	NA	ND(0.36)	NA
Anthracene	ND(1.8)	0.092 J	NA	ND(0.36)	NA
Benzo(a)anthracene	0.55 J	0.23 J	NA	ND(0.36)	NA
Benzo(a)pyrene	0.40 J	0.17 J	NA	ND(0.36)	NA
Benzo(b)fluoranthene	0.74 J	0.24 J	NA	ND(0.36)	NA
Benzo(g,h,i)perylene	0.83 J	0.21 J	NA	ND(0.36)	NA
Benzo(k)fluoranthene	ND(1.8)	0.099 J	NA	ND(0.36)	NA
bis(2-Ethylhexyl)phthalate	ND(1.8)	0.15 J	NA	ND(0.36)	NA
Chrysene	0.68 J	0.22 J	NA	ND(0.36)	NA
Dibenzo(a,h)anthracene	ND(1.8)	ND(0.34)	NA	ND(0.36)	NA
Dibenzofuran	ND(1.8)	ND(0.34)	NA	ND(0.36)	NA
Di-n-Butylphthalate	ND(1.8)	ND(0.34)	NA	ND(0.36)	NA
Fluoranthene	0.90 J	0.50	NA	ND(0.36)	NA
Fluorene	ND(1.8)	ND(0.34)	NA	ND(0.36)	NA
Hexachlorobenzene	ND(1.8)	ND(0.34)	NA	ND(0.36)	NA
Indeno(1,2,3-cd)pyrene	0.48 J	0.16 J	NA	ND(0.36)	NA
Naphthalene	ND(1.8)	ND(0.34)	NA	ND(0.36)	NA
Pentachlorobenzene	ND(1.8)	ND(0.34)	NA	ND(0.36)	NA
Phenanthrene	0.63 J	0.45	NA	ND(0.36)	NA
Phenol	ND(1.8)	ND(0.34)	NA	ND(0.36)	NA
Pyrene	1.1 J	0.55	NA	ND(0.36)	NA

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	SW20S-6 0-1 03/29/07	SW20S-7 6-10 03/29/07	SW20S-7 8-10 03/29/07	SW20S-8 1-6 03/29/07	SW20S-8 3-4 03/29/07
Furans					
2,3,7,8-TCDF	0.0000039 Y	0.0000024 Y	NA	0.0000053 Y	NA
TCDFs (total)	0.000054 Q	0.000014	NA	0.000088	NA
1,2,3,7,8-PeCDF	0.0000017 JQ	0.00000086 J	NA	0.0000019 J	NA
2,3,4,7,8-PeCDF	0.0000089 Q	0.0000027 J	NA	0.000013	NA
PeCDFs (total)	0.00018 Q	0.000049	NA	0.00028	NA
1,2,3,4,7,8-HxCDF	0.0000044 J	0.0000016 J	NA	0.0000041 J	NA
1,2,3,6,7,8-HxCDF	0.0000042 J	0.0000014 J	NA	0.0000061	NA
1,2,3,7,8,9-HxCDF	0.0000010 J	ND(0.00000098)	NA	ND(0.0000019)	NA
2,3,4,6,7,8-HxCDF	0.000014	0.0000039 J	NA	0.000023	NA
HxCDFs (total)	0.00021 Q	0.000064	NA	0.00033	NA
1,2,3,4,6,7,8-HpCDF	0.000024	0.0000087	NA	0.000027	NA
1,2,3,4,7,8,9-HpCDF	0.0000016 J	ND(0.00000089)	NA	0.0000019 J	NA
HpCDFs (total)	0.000057	0.000019	NA	0.000063	NA
OCDF	0.000023	0.0000070 J	NA	0.0000091 J	NA
Dioxins					
2,3,7,8-TCDD	ND(0.00000045) Q	ND(0.00000037)	NA	ND(0.00000081)	NA
TCDDs (total)	0.00000080 JQ	ND(0.00000037)	NA	ND(0.00000081)	NA
1,2,3,7,8-PeCDD	ND(0.00000052)	ND(0.00000046)	NA	ND(0.00000078)	NA
PeCDDs (total)	0.0000029 JQ	ND(0.00000046)	NA	0.0000021 J	NA
1,2,3,4,7,8-HxCDD	0.00000085 J	ND(0.00000072)	NA	ND(0.0000014)	NA
1,2,3,6,7,8-HxCDD	0.0000017 J	0.00000061 J	NA	ND(0.0000012)	NA
1,2,3,7,8,9-HxCDD	ND(0.0000016) X	ND(0.00000066)	NA	ND(0.0000013)	NA
HxCDDs (total)	0.000014 Q	0.0000037 J	NA	0.0000081	NA
1,2,3,4,6,7,8-HpCDD	0.000036	0.000012	NA	0.000015	NA
HpCDDs (total)	0.000073	0.000022	NA	0.000030	NA
OCDD	0.00027	0.000086	NA	0.000093	NA
Total TEQs (WHO TEFs)	0.0000087	0.0000032	NA	0.000012	NA
Inorganics					
Antimony	ND(4.44)	ND(3.86)	NA	ND(4.18)	NA
Arsenic	3.93	11.6	NA	3.92	NA
Barium	27.2	19.5	NA	21.9	NA
Beryllium	0.438 B	0.433 B	NA	ND(1.04)	NA
Cadmium	ND(1.11)	ND(0.965)	NA	ND(1.04)	NA
Chromium	9.17	11.7	NA	12.5	NA
Cobalt	13.7	14.1	NA	8.80	NA
Copper	25.7	34.3	NA	19.4	NA
Lead	29.6	16.0	NA	14.9	NA
Mercury	0.0361	0.00573 B	NA	0.0500	NA
Nickel	13.7	22.2	NA	19.7	NA
Selenium	0.545 B	ND(1.93)	NA	ND(2.09)	NA
Silver	ND(1.11)	0.190 B	NA	0.213 B	NA
Sulfide	ND(5.20)	60.0	NA	ND(5.00)	NA
Thallium	0.0144 B	ND(0.965)	NA	ND(1.04)	NA
Tin	ND(1.11)	ND(0.965)	NA	ND(1.04)	NA
Vanadium	18.4	9.35	NA	10.7	NA
Zinc	67.9	62.6	NA	64.6	NA

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID:	SW20S-9	SW20S-9	SW20S-10	SW20S-10	SW20S-11
Sample Depth(Feet):	6-10	8-10	1-3	1-6	0-1
Parameter Date Collected:	03/28/07	03/28/07	03/28/07	03/28/07	03/28/07
Volatile Organics					
2-Butanone	NA	0.0076	0.0064	NA	0.010
Acetone	NA	0.053	0.052	NA	0.064
Benzene	NA	ND(0.0062)	ND(0.0058)	NA	ND(0.0060)
Carbon Disulfide	NA	0.0086	ND(0.0058)	NA	ND(0.0060)
Carbon Tetrachloride	NA	ND(0.0062)	ND(0.0058)	NA	ND(0.0060)
Chlorobenzene	NA	0.0061 J	ND(0.0058)	NA	ND(0.0060)
Chloroform	NA	ND(0.0062)	ND(0.0058)	NA	ND(0.0060)
Chloromethane	NA	ND(0.0062)	ND(0.0058)	NA	ND(0.0060)
Methylene Chloride	NA	ND(0.0062)	ND(0.0058)	NA	ND(0.0060)
Tetrachloroethene	NA	ND(0.0062)	ND(0.0058)	NA	ND(0.0060)
Toluene	NA	ND(0.0062)	ND(0.0058)	NA	ND(0.0060)
Trichloroethene	NA	ND(0.0062)	ND(0.0058)	NA	ND(0.0060)
Trichlorofluoromethane	NA	ND(0.0062)	ND(0.0058)	NA	ND(0.0060)
Xylenes (total)	NA	ND(0.0062)	ND(0.0058)	NA	ND(0.0060)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.36)	NA	NA	ND(0.35)	ND(1.8)
1,2,4-Trichlorobenzene	ND(0.36)	NA	NA	ND(0.35)	ND(1.8)
1,4-Dichlorobenzene	ND(0.36)	NA	NA	ND(0.35)	ND(1.8)
2,4-Dimethylphenol	ND(0.36)	NA	NA	ND(0.35)	ND(1.8)
2-Methylnaphthalene	ND(0.36)	NA	NA	ND(0.35)	ND(1.8)
2-Methylphenol	ND(0.36)	NA	NA	ND(0.35)	ND(1.8)
3&4-Methylphenol	ND(0.36)	NA	NA	ND(0.35)	ND(1.8)
Acenaphthene	ND(0.36)	NA	NA	0.13 J	ND(1.8)
Acenaphthylene	ND(0.36)	NA	NA	0.17 J	ND(1.8)
Aniline	ND(0.36)	NA	NA	ND(0.35)	ND(1.8)
Anthracene	ND(0.36)	NA	NA	0.29 J	0.35 J
Benzo(a)anthracene	ND(0.36)	NA	NA	1.1	1.5 J
Benzo(a)pyrene	ND(0.36)	NA	NA	1.1	1.6 J
Benzo(b)fluoranthene	ND(0.36)	NA	NA	1.3	1.8
Benzo(g,h,i)perylene	ND(0.36)	NA	NA	1.1	1.4 J
Benzo(k)fluoranthene	ND(0.36)	NA	NA	0.44	0.69 J
bis(2-Ethylhexyl)phthalate	0.057 J	NA	NA	ND(0.35)	ND(1.8)
Chrysene	ND(0.36)	NA	NA	1.3	1.6 J
Dibenzo(a,h)anthracene	ND(0.36)	NA	NA	0.40	1.3 J
Dibenzofuran	ND(0.36)	NA	NA	ND(0.35)	ND(1.8)
Di-n-Butylphthalate	ND(0.36)	NA	NA	ND(0.35)	ND(1.8)
Fluoranthene	ND(0.36)	NA	NA	2.0	3.2
Fluorene	ND(0.36)	NA	NA	0.12 J	ND(1.8)
Hexachlorobenzene	ND(0.36)	NA	NA	ND(0.35)	ND(1.8)
Indeno(1,2,3-cd)pyrene	ND(0.36)	NA	NA	0.92	1.5 J
Naphthalene	ND(0.36)	NA	NA	0.10 J	ND(1.8)
Pentachlorobenzene	ND(0.36)	NA	NA	ND(0.35)	ND(1.8)
Phenanthrene	ND(0.36)	NA	NA	1.4	1.7 J
Phenol	ND(0.36)	NA	NA	ND(0.35)	ND(1.8)
Pyrene	ND(0.36)	NA	NA	1.5	2.1

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	SW20S-9 6-10 03/28/07	SW20S-9 8-10 03/28/07	SW20S-10 1-3 03/28/07	SW20S-10 1-6 03/28/07	SW20S-11 0-1 03/28/07
Furans					
2,3,7,8-TCDF	ND(0.00000070)	NA	NA	0.000038 Y	0.00012 Y
TCDFs (total)	ND(0.00000070)	NA	NA	0.00047 Q	0.0019 QI
1,2,3,7,8-PeCDF	ND(0.00000048)	NA	NA	0.000020	0.000063
2,3,4,7,8-PeCDF	ND(0.00000047)	NA	NA	0.000067	0.00033
PeCDFs (total)	0.0000021 J	NA	NA	0.0011 Q	0.0054 QI
1,2,3,4,7,8-HxCDF	ND(0.00000069)	NA	NA	0.000042	0.00012
1,2,3,6,7,8-HxCDF	ND(0.00000066)	NA	NA	0.000031	0.00013
1,2,3,7,8,9-HxCDF	ND(0.00000078)	NA	NA	0.0000067	0.000026
2,3,4,6,7,8-HxCDF	ND(0.00000068)	NA	NA	0.000075	0.00041
HxCDFs (total)	0.0000022 J	NA	NA	0.0013	0.0066
1,2,3,4,6,7,8-HpCDF	ND(0.0000012)	NA	NA	0.00011	0.00046
1,2,3,4,7,8,9-HpCDF	ND(0.0000015)	NA	NA	0.000012	0.000039
HpCDFs (total)	ND(0.0000013)	NA	NA	0.00024	0.0012
OCDF	ND(0.0000050)	NA	NA	0.000062	0.00020
Dioxins					
2,3,7,8-TCDD	ND(0.00000077)	NA	NA	ND(0.00000062) X	0.00014
TCDDs (total)	ND(0.00000077)	NA	NA	0.000010	0.0012 Q
1,2,3,7,8-PeCDD	ND(0.00000062)	NA	NA	0.0000019 J	0.000034
PeCDDs (total)	ND(0.00000062)	NA	NA	0.000018 Q	0.0011 Q
1,2,3,4,7,8-HxCDD	ND(0.0000011)	NA	NA	0.0000013 J	0.0000067
1,2,3,6,7,8-HxCDD	ND(0.0000011)	NA	NA	0.0000028 J	0.000034
1,2,3,7,8,9-HxCDD	ND(0.0000011)	NA	NA	0.0000026 J	0.000033
HxCDDs (total)	ND(0.0000011)	NA	NA	0.000034	0.0023
1,2,3,4,6,7,8-HpCDD	ND(0.0000023)	NA	NA	0.000018	0.00023
HpCDDs (total)	ND(0.0000023)	NA	NA	0.000036	0.00091
OCDD	ND(0.0000054)	NA	NA	0.00012	0.0010
Total TEQs (WHO TEFs)	0.0000012	NA	NA	0.000058	0.00043
Inorganics					
Antimony	ND(4.17)	NA	NA	1.96 B	1.73 B
Arsenic	6.00	NA	NA	19.3	20.9
Barium	45.7	NA	NA	56.5	70.5
Beryllium	0.179 B	NA	NA	0.372 B	0.261 B
Cadmium	0.854 B	NA	NA	2.91	1.74
Chromium	12.2	NA	NA	128	30.2
Cobalt	7.65	NA	NA	12.6	8.43
Copper	14.7	NA	NA	390	168
Lead	24.3	NA	NA	116	126
Mercury	0.0557	NA	NA	0.108	0.645
Nickel	13.4	NA	NA	46.9	28.2
Selenium	0.782 B	NA	NA	ND(1.91)	ND(2.10)
Silver	0.622 B	NA	NA	0.808 B	1.02 B
Sulfide	ND(5.30)	NA	NA	ND(5.40)	ND(5.40)
Thallium	0.0188 B	NA	NA	0.0553 B	0.0273 B
Tin	ND(1.04)	NA	NA	37.2	3.91
Vanadium	14.7	NA	NA	22.3	21.0
Zinc	55.8	NA	NA	216	300

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID:	SW20S-12	SW20S-12	SW20S-13	SW20S-13	SW20S-14
Sample Depth(Feet):	6-8	6-10	1-6	2-4	6-8
Parameter Date Collected:	03/29/07	03/29/07	03/28/07	03/28/07	03/28/07
Volatile Organics					
2-Butanone	0.0039 J	NA	NA	0.011	0.0071
Acetone	0.063	NA	NA	0.059	0.033
Benzene	ND(0.0053)	NA	NA	ND(0.0051)	ND(0.0048)
Carbon Disulfide	ND(0.0053)	NA	NA	ND(0.0051)	ND(0.0048)
Carbon Tetrachloride	ND(0.0053)	NA	NA	ND(0.0051)	ND(0.0048)
Chlorobenzene	ND(0.0053)	NA	NA	ND(0.0051)	ND(0.0048)
Chloroform	ND(0.0053)	NA	NA	ND(0.0051)	ND(0.0048)
Chloromethane	ND(0.0053)	NA	NA	ND(0.0051)	ND(0.0048)
Methylene Chloride	ND(0.0053)	NA	NA	ND(0.0051)	ND(0.0048)
Tetrachloroethene	ND(0.0053)	NA	NA	ND(0.0051)	ND(0.0048)
Toluene	ND(0.0053)	NA	NA	ND(0.0051)	ND(0.0048)
Trichloroethene	0.036	NA	NA	0.046	ND(0.0048)
Trichlorofluoromethane	ND(0.0053)	NA	NA	ND(0.0051)	ND(0.0048)
Xylenes (total)	ND(0.0053)	NA	NA	ND(0.0051)	ND(0.0048)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	ND(0.33)	ND(0.35)	NA	NA
1,2,4-Trichlorobenzene	NA	ND(0.33)	0.28 J	NA	NA
1,4-Dichlorobenzene	NA	ND(0.33)	ND(0.35)	NA	NA
2,4-Dimethylphenol	NA	ND(0.33)	ND(0.35)	NA	NA
2-Methylnaphthalene	NA	ND(0.33)	ND(0.35)	NA	NA
2-Methylphenol	NA	ND(0.33)	ND(0.35)	NA	NA
3&4-Methylphenol	NA	ND(0.33)	ND(0.35)	NA	NA
Acenaphthene	NA	ND(0.33)	0.15 J	NA	NA
Acenaphthylene	NA	ND(0.33)	0.052 J	NA	NA
Aniline	NA	ND(0.33)	ND(0.35)	NA	NA
Anthracene	NA	ND(0.33)	0.28 J	NA	NA
Benzo(a)anthracene	NA	ND(0.33)	0.84	NA	NA
Benzo(a)pyrene	NA	ND(0.33)	0.92	NA	NA
Benzo(b)fluoranthene	NA	ND(0.33)	1.1	NA	NA
Benzo(g,h,i)perylene	NA	ND(0.33)	0.83	NA	NA
Benzo(k)fluoranthene	NA	ND(0.33)	0.43	NA	NA
bis(2-Ethylhexyl)phthalate	NA	0.062 J	ND(0.35)	NA	NA
Chrysene	NA	ND(0.33)	0.97	NA	NA
Dibenzo(a,h)anthracene	NA	ND(0.33)	0.27 J	NA	NA
Dibenzofuran	NA	ND(0.33)	0.073 J	NA	NA
Di-n-Butylphthalate	NA	ND(0.33)	ND(0.35)	NA	NA
Fluoranthene	NA	ND(0.33)	1.9	NA	NA
Fluorene	NA	ND(0.33)	0.15 J	NA	NA
Hexachlorobenzene	NA	ND(0.33)	ND(0.35)	NA	NA
Indeno(1,2,3-cd)pyrene	NA	ND(0.33)	0.72	NA	NA
Naphthalene	NA	ND(0.33)	0.042 J	NA	NA
Pentachlorobenzene	NA	ND(0.33)	ND(0.35)	NA	NA
Phenanthrene	NA	ND(0.33)	1.3	NA	NA
Phenol	NA	ND(0.33)	ND(0.35)	NA	NA
Pyrene	NA	ND(0.33)	1.3	NA	NA

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	SW20S-12 6-8 03/29/07	SW20S-12 6-10 03/29/07	SW20S-13 1-6 03/28/07	SW20S-13 2-4 03/28/07	SW20S-14 6-8 03/28/07
Furans					
2,3,7,8-TCDF	NA	0.00000050 J	0.000054 Y	NA	NA
TCDFs (total)	NA	0.00000050 J	0.00092 QI	NA	NA
1,2,3,7,8-PeCDF	NA	ND(0.00000044)	0.000056	NA	NA
2,3,4,7,8-PeCDF	NA	ND(0.00000044)	0.00019	NA	NA
PeCDFs (total)	NA	ND(0.00000044)	0.0032 QI	NA	NA
1,2,3,4,7,8-HxCDF	NA	ND(0.00000044)	0.00023	NA	NA
1,2,3,6,7,8-HxCDF	NA	ND(0.00000044)	0.00011	NA	NA
1,2,3,7,8,9-HxCDF	NA	ND(0.00000044)	0.000032	NA	NA
2,3,4,6,7,8-HxCDF	NA	ND(0.00000044)	0.00029	NA	NA
HxCDFs (total)	NA	ND(0.00000044)	0.0045 I	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	ND(0.00000052)	0.00049	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000071)	0.00012	NA	NA
HpCDFs (total)	NA	ND(0.00000060)	0.0013	NA	NA
OCDF	NA	ND(0.0000020)	0.00080	NA	NA
Dioxins					
2,3,7,8-TCDD	NA	ND(0.00000038)	0.0000059	NA	NA
TCDDs (total)	NA	ND(0.00000038)	0.000062 Q	NA	NA
1,2,3,7,8-PeCDD	NA	ND(0.00000044)	ND(0.0000067) X	NA	NA
PeCDDs (total)	NA	ND(0.00000044)	0.000069 Q	NA	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.00000063)	0.0000056	NA	NA
1,2,3,6,7,8-HxCDD	NA	ND(0.00000052)	0.000011	NA	NA
1,2,3,7,8,9-HxCDD	NA	ND(0.00000058)	0.0000084	NA	NA
HxCDDs (total)	NA	ND(0.00000057)	0.00018	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	ND(0.00000094)	0.00010	NA	NA
HpCDDs (total)	NA	ND(0.00000094)	0.00021	NA	NA
OCDD	NA	0.0000025 J	0.00063	NA	NA
Total TEQs (WHO TEFs)	NA	0.00000077	0.00019	NA	NA
Inorganics					
Antimony	NA	ND(3.84)	0.193 B	NA	NA
Arsenic	NA	6.89	8.24	NA	NA
Barium	NA	21.6	63.9	NA	NA
Beryllium	NA	ND(0.960)	0.181 B	NA	NA
Cadmium	NA	ND(0.960)	1.04	NA	NA
Chromium	NA	8.29	17.5	NA	NA
Cobalt	NA	7.80	8.53	NA	NA
Copper	NA	15.7	71.6	NA	NA
Lead	NA	7.12	69.8	NA	NA
Mercury	NA	0.00702 B	0.214	NA	NA
Nickel	NA	13.8	21.7	NA	NA
Selenium	NA	0.916 B	ND(2.01)	NA	NA
Silver	NA	ND(0.960)	0.901 B	NA	NA
Sulfide	NA	110	ND(5.20)	NA	NA
Thallium	NA	0.0403 B	0.0221 B	NA	NA
Tin	NA	ND(0.960)	6.26	NA	NA
Vanadium	NA	9.72	11.9	NA	NA
Zinc	NA	43.2	136	NA	NA

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID:	SW20S-14	SW20S-15	SW20S-15	SW20S-16	SW20S-17
Sample Depth(Feet):	6-10	1-3	1-6	0-1	6-8
Parameter Date Collected:	03/28/07	03/28/07	03/28/07	03/30/07	03/30/07
Volatile Organics					
2-Butanone	NA	0.0086	NA	0.0088	0.0078
Acetone	NA	0.058	NA	0.063	0.049
Benzene	NA	ND(0.0050)	NA	ND(0.0054)	ND(0.0059)
Carbon Disulfide	NA	ND(0.0050)	NA	ND(0.0054)	ND(0.0059)
Carbon Tetrachloride	NA	ND(0.0050)	NA	ND(0.0054)	ND(0.0059)
Chlorobenzene	NA	0.0072	NA	ND(0.0054)	ND(0.0059)
Chloroform	NA	ND(0.0050)	NA	ND(0.0054)	ND(0.0059)
Chloromethane	NA	ND(0.0050)	NA	ND(0.0054)	ND(0.0059)
Methylene Chloride	NA	ND(0.0050)	NA	ND(0.0054)	ND(0.0059)
Tetrachloroethene	NA	ND(0.0050)	NA	ND(0.0054)	ND(0.0059)
Toluene	NA	ND(0.0050)	NA	ND(0.0054)	ND(0.0059)
Trichloroethene	NA	ND(0.0050)	NA	ND(0.0054)	ND(0.0059)
Trichlorofluoromethane	NA	ND(0.0050)	NA	ND(0.0054)	ND(0.0059)
Xylenes (total)	NA	ND(0.0050)	NA	ND(0.0054)	ND(0.0059)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.32)	NA	ND(1.7)	ND(2.0)	NA
1,2,4-Trichlorobenzene	ND(0.32)	NA	ND(1.7)	ND(2.0)	NA
1,4-Dichlorobenzene	ND(0.32)	NA	ND(1.7)	ND(2.0)	NA
2,4-Dimethylphenol	ND(0.32)	NA	ND(1.7)	ND(2.0)	NA
2-Methylnaphthalene	ND(0.32)	NA	ND(1.7)	ND(2.0)	NA
2-Methylphenol	ND(0.32)	NA	ND(1.7)	ND(2.0)	NA
3&4-Methylphenol	ND(0.32)	NA	ND(1.7)	ND(2.0)	NA
Acenaphthene	ND(0.32)	NA	ND(1.7)	ND(2.0)	NA
Acenaphthylene	ND(0.32)	NA	0.65 J	ND(2.0)	NA
Aniline	ND(0.32)	NA	ND(1.7)	ND(2.0)	NA
Anthracene	ND(0.32)	NA	0.78 J	ND(2.0)	NA
Benzo(a)anthracene	ND(0.32)	NA	2.4	ND(2.0)	NA
Benzo(a)pyrene	ND(0.32)	NA	2.4	ND(2.0)	NA
Benzo(b)fluoranthene	ND(0.32)	NA	2.6	ND(2.0)	NA
Benzo(g,h,i)perylene	ND(0.32)	NA	1.9	ND(2.0)	NA
Benzo(k)fluoranthene	ND(0.32)	NA	0.98 J	ND(2.0)	NA
bis(2-Ethylhexyl)phthalate	0.080 J	NA	ND(1.7)	ND(2.0)	NA
Chrysene	ND(0.32)	NA	2.4	ND(2.0)	NA
Dibenzo(a,h)anthracene	ND(0.32)	NA	1.3 J	ND(2.0)	NA
Dibenzofuran	ND(0.32)	NA	ND(1.7)	ND(2.0)	NA
Di-n-Butylphthalate	ND(0.32)	NA	ND(1.7)	ND(2.0)	NA
Fluoranthene	ND(0.32)	NA	5.3	ND(2.0)	NA
Fluorene	ND(0.32)	NA	0.52 J	ND(2.0)	NA
Hexachlorobenzene	ND(0.32)	NA	ND(1.7)	ND(2.0)	NA
Indeno(1,2,3-cd)pyrene	ND(0.32)	NA	1.9	ND(2.0)	NA
Naphthalene	ND(0.32)	NA	ND(1.7)	ND(2.0)	NA
Pentachlorobenzene	ND(0.32)	NA	ND(1.7)	ND(2.0)	NA
Phenanthrene	ND(0.32)	NA	3.6	ND(2.0)	NA
Phenol	ND(0.32)	NA	ND(1.7)	ND(2.0)	NA
Pyrene	ND(0.32)	NA	3.6	ND(2.0)	NA

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID:	SW20S-14	SW20S-15	SW20S-15	SW20S-16	SW20S-17
Sample Depth(Feet):	6-10	1-3	1-6	0-1	6-8
Parameter Date Collected:	03/28/07	03/28/07	03/28/07	03/30/07	03/30/07
Furans					
2,3,7,8-TCDF	ND(0.00000061)	NA	0.000011 Y	0.0000030 Y	NA
TCDFs (total)	ND(0.00000061)	NA	0.00010 Q	0.000022	NA
1,2,3,7,8-PeCDF	ND(0.00000044)	NA	0.0000044 J	ND(0.00000093) X	NA
2,3,4,7,8-PeCDF	ND(0.00000044)	NA	0.0000088	0.0000023 J	NA
PeCDFs (total)	ND(0.00000044)	NA	0.00012 Q	0.000025	NA
1,2,3,4,7,8-HxCDF	ND(0.00000067)	NA	0.0000057	0.0000014 J	NA
1,2,3,6,7,8-HxCDF	ND(0.00000064)	NA	0.0000044 J	0.0000010 J	NA
1,2,3,7,8,9-HxCDF	ND(0.00000075)	NA	0.00000088 J	ND(0.00000063)	NA
2,3,4,6,7,8-HxCDF	ND(0.00000066)	NA	0.0000074	0.0000018 J	NA
HxCDFs (total)	ND(0.00000068)	NA	0.00013	0.000023	NA
1,2,3,4,6,7,8-HpCDF	ND(0.00000095)	NA	0.000018	0.0000049	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000012)	NA	0.0000015 J	ND(0.00000094)	NA
HpCDFs (total)	ND(0.0000011)	NA	0.000037	0.000011	NA
OCDF	ND(0.0000040)	NA	0.000013	0.0000081 J	NA
Dioxins					
2,3,7,8-TCDD	ND(0.00000066)	NA	ND(0.00000045)	ND(0.00000040)	NA
TCDDs (total)	ND(0.00000066)	NA	0.0000025	ND(0.00000040)	NA
1,2,3,7,8-PeCDD	ND(0.00000070)	NA	ND(0.00000047)	ND(0.00000043)	NA
PeCDDs (total)	ND(0.00000070)	NA	0.0000023 JQ	0.00000051 J	NA
1,2,3,4,7,8-HxCDD	ND(0.0000010)	NA	ND(0.00000071)	ND(0.00000068)	NA
1,2,3,6,7,8-HxCDD	ND(0.0000010)	NA	0.00000079 J	ND(0.00000056)	NA
1,2,3,7,8,9-HxCDD	ND(0.0000010)	NA	ND(0.00000072)	ND(0.00000062)	NA
HxCDDs (total)	ND(0.0000010)	NA	0.0000065	0.0000022 J	NA
1,2,3,4,6,7,8-HpCDD	ND(0.0000019)	NA	0.0000091	0.0000065	NA
HpCDDs (total)	ND(0.0000019)	NA	0.000017	0.000013	NA
OCDD	ND(0.0000046)	NA	0.000055	0.000057	NA
Total TEQs (WHO TEFs)	0.0000011	NA	0.0000084	0.0000025	NA
Inorganics					
Antimony	ND(3.81)	NA	ND(4.22)	0.890 B	NA
Arsenic	5.65	NA	6.84	10.7	NA
Barium	20.7	NA	27.3	22.2	NA
Beryllium	0.148 B	NA	0.178 B	0.190 B	NA
Cadmium	0.632 B	NA	0.719 B	ND(0.927)	NA
Chromium	8.73	NA	10.4	15.5	NA
Cobalt	10.0	NA	8.56	20.7	NA
Copper	15.2	NA	26.1	57.1	NA
Lead	6.78	NA	37.4	21.2	NA
Mercury	ND(0.0187)	NA	0.0694	0.0243	NA
Nickel	15.7	NA	16.4	30.4	NA
Selenium	0.770 B	NA	ND(2.11)	ND(1.85)	NA
Silver	0.465 B	NA	0.562 B	0.348 B	NA
Sulfide	ND(4.80)	NA	ND(4.20)	ND(4.30)	NA
Thallium	0.0114 B	NA	0.0243 B	ND(0.927)	NA
Tin	ND(0.953)	NA	ND(1.05)	ND(0.927)	NA
Vanadium	8.25	NA	10.1	12.9	NA
Zinc	47.4	NA	69.1	81.6	NA

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID:	SW20S-17	SW30-1	SW30-1	SW30-5	SW30-5
Sample Depth(Feet):	6-10	6-10	8-10	6-10	8-10
Parameter / Date Collected:	03/30/07	04/05/07	04/05/07	04/12/07	04/12/07
Volatile Organics					
2-Butanone	NA	NA	0.013	NA	0.0040 J
Acetone	NA	NA	0.063	NA	0.035
Benzene	NA	NA	ND(0.0058)	NA	ND(0.0051)
Carbon Disulfide	NA	NA	0.050	NA	ND(0.0051)
Carbon Tetrachloride	NA	NA	ND(0.0058)	NA	ND(0.0051)
Chlorobenzene	NA	NA	ND(0.0058)	NA	ND(0.0051)
Chloroform	NA	NA	ND(0.0058)	NA	ND(0.0051)
Chloromethane	NA	NA	0.0060	NA	ND(0.0051)
Methylene Chloride	NA	NA	ND(0.0058)	NA	ND(0.0051)
Tetrachloroethene	NA	NA	ND(0.0058)	NA	ND(0.0051)
Toluene	NA	NA	ND(0.0058)	NA	ND(0.0051)
Trichloroethene	NA	NA	0.016	NA	ND(0.0051)
Trichlorofluoromethane	NA	NA	ND(0.0058)	NA	ND(0.0051)
Xylenes (total)	NA	NA	ND(0.0058)	NA	ND(0.0051)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.39)	ND(0.33)	NA	ND(0.33)	NA
1,2,4-Trichlorobenzene	ND(0.39)	ND(0.33)	NA	ND(0.33)	NA
1,4-Dichlorobenzene	ND(0.39)	ND(0.33)	NA	ND(0.33)	NA
2,4-Dimethylphenol	ND(0.39)	ND(0.33)	NA	ND(0.33)	NA
2-Methylnaphthalene	ND(0.39)	ND(0.33)	NA	ND(0.33)	NA
2-Methylphenol	ND(0.39)	ND(0.33)	NA	ND(0.33)	NA
3&4-Methylphenol	ND(0.39)	ND(0.33)	NA	ND(0.33)	NA
Acenaphthene	ND(0.39)	ND(0.33)	NA	ND(0.33)	NA
Acenaphthylene	ND(0.39)	0.050 J	NA	ND(0.33)	NA
Aniline	ND(0.39)	ND(0.33)	NA	ND(0.33)	NA
Anthracene	ND(0.39)	0.20 J	NA	ND(0.33)	NA
Benzo(a)anthracene	0.085 J	0.47	NA	ND(0.33)	NA
Benzo(a)pyrene	0.092 J	0.42	NA	ND(0.33)	NA
Benzo(b)fluoranthene	0.13 J	0.47	NA	ND(0.33)	NA
Benzo(g,h,i)perylene	0.16 J	0.38	NA	ND(0.33)	NA
Benzo(k)fluoranthene	ND(0.39)	0.20 J	NA	ND(0.33)	NA
bis(2-Ethylhexyl)phthalate	ND(0.39)	0.069 J	NA	0.41	NA
Chrysene	0.077 J	0.48	NA	ND(0.33)	NA
Dibenzo(a,h)anthracene	ND(0.39)	0.24 J	NA	ND(0.33)	NA
Dibenzofuran	ND(0.39)	ND(0.33)	NA	ND(0.33)	NA
Di-n-Butylphthalate	ND(0.39)	ND(0.33)	NA	ND(0.33)	NA
Fluoranthene	0.12 J	1.0	NA	ND(0.33)	NA
Fluorene	ND(0.39)	ND(0.33)	NA	ND(0.33)	NA
Hexachlorobenzene	ND(0.39)	ND(0.33)	NA	ND(0.33)	NA
Indeno(1,2,3-cd)pyrene	ND(0.39)	0.39	NA	ND(0.33)	NA
Naphthalene	ND(0.39)	0.073 J	NA	ND(0.33)	NA
Pentachlorobenzene	ND(0.39)	ND(0.33)	NA	ND(0.33)	NA
Phenanthrene	ND(0.39)	0.73	NA	ND(0.33)	NA
Phenol	ND(0.39)	ND(0.33)	NA	ND(0.33)	NA
Pyrene	0.18 J	0.73	NA	ND(0.33)	NA

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	SW20S-17 6-10 03/30/07	SW30-1 6-10 04/05/07	SW30-1 8-10 04/05/07	SW30-5 6-10 04/12/07	SW30-5 8-10 04/12/07
Furans					
2,3,7,8-TCDF	0.0000012 Y	0.0000010 Y	NA	0.00000024 J	NA
TCDFs (total)	0.0000033	0.0000055 Q	NA	0.00000041 J	NA
1,2,3,7,8-PeCDF	ND(0.00000049)	ND(0.00000045)	NA	ND(0.00000044)	NA
2,3,4,7,8-PeCDF	0.00000059 J	0.00000049 J	NA	ND(0.00000044)	NA
PeCDFs (total)	0.0000028 J	0.0000013 JQ	NA	ND(0.00000044)	NA
1,2,3,4,7,8-HxCDF	ND(0.00000049)	ND(0.00000045)	NA	ND(0.00000044)	NA
1,2,3,6,7,8-HxCDF	ND(0.00000049)	ND(0.00000045)	NA	ND(0.00000044)	NA
1,2,3,7,8,9-HxCDF	ND(0.00000049)	ND(0.00000045)	NA	ND(0.00000044)	NA
2,3,4,6,7,8-HxCDF	ND(0.00000049)	ND(0.00000045)	NA	ND(0.00000044)	NA
HxCDFs (total)	0.00000067 J	0.00000054 J	NA	ND(0.00000044)	NA
1,2,3,4,6,7,8-HpCDF	ND(0.00000061)	0.00000059 J	NA	ND(0.00000044)	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000076)	ND(0.00000045)	NA	ND(0.00000044)	NA
HpCDFs (total)	ND(0.00000068)	0.00000059 J	NA	ND(0.00000044)	NA
OCDF	ND(0.0000023)	0.0000011 J	NA	ND(0.00000087)	NA
Dioxins					
2,3,7,8-TCDD	ND(0.00000041)	ND(0.00000019)	NA	ND(0.00000021)	NA
TCDDs (total)	ND(0.00000041)	ND(0.00000019)	NA	ND(0.00000021)	NA
1,2,3,7,8-PeCDD	ND(0.00000049)	ND(0.00000045)	NA	ND(0.00000044)	NA
PeCDDs (total)	ND(0.00000049)	ND(0.00000045) Q	NA	ND(0.00000044)	NA
1,2,3,4,7,8-HxCDD	ND(0.00000054)	ND(0.00000045)	NA	ND(0.00000044)	NA
1,2,3,6,7,8-HxCDD	ND(0.00000056)	ND(0.00000045)	NA	ND(0.00000044)	NA
1,2,3,7,8,9-HxCDD	ND(0.00000055)	ND(0.00000045)	NA	ND(0.00000044)	NA
HxCDDs (total)	ND(0.00000055)	0.00000099 J	NA	ND(0.00000044)	NA
1,2,3,4,6,7,8-HpCDD	ND(0.0000012)	0.00000092 J	NA	ND(0.00000044)	NA
HpCDDs (total)	ND(0.0000012)	0.0000016 J	NA	ND(0.00000044)	NA
OCDD	0.0000033 J	0.0000050 J	NA	0.0000021 J	NA
Total TEQs (WHO TEFs)	0.0000011	0.00000085	NA	0.00000063	NA
Inorganics					
Antimony	ND(4.36)	2.10 B	NA	ND(4.21)	NA
Arsenic	7.69	16.1	NA	6.16	NA
Barium	25.6	42.2	NA	21.8	NA
Beryllium	0.291 B	ND(1.11)	NA	ND(1.05)	NA
Cadmium	ND(1.09)	2.23	NA	0.628 B	NA
Chromium	11.2	15.9	NA	9.05	NA
Cobalt	9.71	10.2	NA	8.08	NA
Copper	23.7	37.1	NA	22.4	NA
Lead	9.67	53.6	NA	11.5	NA
Mercury	0.0114 B	3.08	NA	0.0164 B	NA
Nickel	19.2	20.3	NA	14.5	NA
Selenium	ND(2.18)	ND(2.22)	NA	ND(2.11)	NA
Silver	0.112 B	0.303 B	NA	ND(1.05)	NA
Sulfide	ND(5.30)	ND(5.00)	NA	ND(4.90)	NA
Thallium	0.0283 B	ND(1.11)	NA	0.0105 B	NA
Tin	ND(1.09)	ND(1.11)	NA	1.42	NA
Vanadium	10.4	17.0	NA	8.54	NA
Zinc	61.3	55.3	NA	43.9	NA

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID:	SW30-8	SW30-8	SW30N-1	SW30N-1	W30-1
Sample Depth(Feet):	6-8	6-10	6-8	6-10	6-8
Parameter Date Collected:	04/03/07	04/03/07	04/05/07	04/05/07	04/05/07
Volatile Organics					
2-Butanone	0.016	NA	ND(0.0046)	NA	ND(0.0060)
Acetone	0.067	NA	0.0050	NA	0.015
Benzene	ND(0.0061)	NA	ND(0.0046)	NA	ND(0.0060)
Carbon Disulfide	ND(0.0061)	NA	ND(0.0046)	NA	ND(0.0060)
Carbon Tetrachloride	ND(0.0061)	NA	ND(0.0046)	NA	ND(0.0060)
Chlorobenzene	ND(0.0061)	NA	ND(0.0046)	NA	ND(0.0060)
Chloroform	ND(0.0061)	NA	ND(0.0046)	NA	ND(0.0060)
Chloromethane	ND(0.0061)	NA	ND(0.0046)	NA	ND(0.0060)
Methylene Chloride	ND(0.0061)	NA	0.0091	NA	ND(0.0060)
Tetrachloroethene	ND(0.0061)	NA	ND(0.0046)	NA	ND(0.0060)
Toluene	ND(0.0061)	NA	ND(0.0046)	NA	ND(0.0060)
Trichloroethene	ND(0.0061)	NA	ND(0.0046)	NA	ND(0.0060)
Trichlorofluoromethane	0.029	NA	ND(0.0046)	NA	ND(0.0060)
Xylenes (total)	ND(0.0061)	NA	ND(0.0046)	NA	ND(0.0060)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	ND(0.33)	NA	ND(0.33)	NA
1,2,4-Trichlorobenzene	NA	ND(0.33)	NA	ND(0.33)	NA
1,4-Dichlorobenzene	NA	ND(0.33)	NA	ND(0.33)	NA
2,4-Dimethylphenol	NA	ND(0.33)	NA	ND(0.33)	NA
2-Methylnaphthalene	NA	ND(0.33)	NA	ND(0.33)	NA
2-Methylphenol	NA	ND(0.33)	NA	ND(0.33)	NA
3&4-Methylphenol	NA	ND(0.33)	NA	ND(0.33)	NA
Acenaphthene	NA	ND(0.33)	NA	ND(0.33)	NA
Acenaphthylene	NA	ND(0.33)	NA	ND(0.33)	NA
Aniline	NA	ND(0.33)	NA	ND(0.33)	NA
Anthracene	NA	ND(0.33)	NA	ND(0.33)	NA
Benzo(a)anthracene	NA	ND(0.33)	NA	ND(0.33)	NA
Benzo(a)pyrene	NA	ND(0.33)	NA	ND(0.33)	NA
Benzo(b)fluoranthene	NA	ND(0.33)	NA	ND(0.33)	NA
Benzo(g,h,i)perylene	NA	ND(0.33)	NA	ND(0.33)	NA
Benzo(k)fluoranthene	NA	ND(0.33)	NA	ND(0.33)	NA
bis(2-Ethylhexyl)phthalate	NA	0.12 J	NA	ND(0.33)	NA
Chrysene	NA	0.046 J	NA	ND(0.33)	NA
Dibenzo(a,h)anthracene	NA	ND(0.33)	NA	ND(0.33)	NA
Dibenzofuran	NA	ND(0.33)	NA	ND(0.33)	NA
Di-n-Butylphthalate	NA	ND(0.33)	NA	ND(0.33)	NA
Fluoranthene	NA	ND(0.33)	NA	ND(0.33)	NA
Fluorene	NA	ND(0.33)	NA	ND(0.33)	NA
Hexachlorobenzene	NA	ND(0.33)	NA	ND(0.33)	NA
Indeno(1,2,3-cd)pyrene	NA	ND(0.33)	NA	ND(0.33)	NA
Naphthalene	NA	ND(0.33)	NA	ND(0.33)	NA
Pentachlorobenzene	NA	ND(0.33)	NA	ND(0.33)	NA
Phenanthrene	NA	ND(0.33)	NA	ND(0.33)	NA
Phenol	NA	ND(0.33)	NA	ND(0.33)	NA
Pyrene	NA	ND(0.33)	NA	ND(0.33)	NA

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID:	SW30-8	SW30-8	SW30N-1	SW30N-1	W30-1
Sample Depth(Feet):	6-8	6-10	6-8	6-10	6-8
Parameter Date Collected:	04/03/07	04/03/07	04/05/07	04/05/07	04/05/07
Furans					
2,3,7,8-TCDF	NA	0.00000055 J	NA	0.00000054 J	NA
TCDFs (total)	NA	0.00000055 J	NA	0.00000090	NA
1,2,3,7,8-PeCDF	NA	ND(0.00000043)	NA	ND(0.00000042)	NA
2,3,4,7,8-PeCDF	NA	ND(0.00000043)	NA	ND(0.00000042)	NA
PeCDFs (total)	NA	0.0000014 J	NA	ND(0.00000042)	NA
1,2,3,4,7,8-HxCDF	NA	ND(0.00000043)	NA	ND(0.00000042)	NA
1,2,3,6,7,8-HxCDF	NA	ND(0.00000043)	NA	ND(0.00000042)	NA
1,2,3,7,8,9-HxCDF	NA	ND(0.00000043)	NA	ND(0.00000042)	NA
2,3,4,6,7,8-HxCDF	NA	ND(0.00000043)	NA	ND(0.00000042)	NA
HxCDFs (total)	NA	0.0000017 J	NA	0.00000054 J	NA
1,2,3,4,6,7,8-HpCDF	NA	0.00000057 J	NA	0.00000060 J	NA
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000043)	NA	ND(0.00000042)	NA
HpCDFs (total)	NA	0.00000057 J	NA	0.0000023 J	NA
OCDF	NA	ND(0.00000085)	NA	0.0000045 J	NA
Dioxins					
2,3,7,8-TCDD	NA	ND(0.00000039)	NA	ND(0.00000015)	NA
TCDDs (total)	NA	ND(0.00000039)	NA	ND(0.00000015)	NA
1,2,3,7,8-PeCDD	NA	ND(0.00000043)	NA	ND(0.00000042)	NA
PeCDDs (total)	NA	ND(0.00000043)	NA	ND(0.00000042)	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.00000043)	NA	ND(0.00000042)	NA
1,2,3,6,7,8-HxCDD	NA	ND(0.00000043)	NA	ND(0.00000042)	NA
1,2,3,7,8,9-HxCDD	NA	ND(0.00000043)	NA	ND(0.00000042)	NA
HxCDDs (total)	NA	ND(0.00000043)	NA	ND(0.00000042)	NA
1,2,3,4,6,7,8-HpCDD	NA	0.00000097 J	NA	0.0000014 J	NA
HpCDDs (total)	NA	0.0000021 J	NA	0.0000023 J	NA
OCDD	NA	0.000011	NA	0.000013	NA
Total TEQs (WHO TEFs)	NA	0.00000075	NA	0.00000063	NA
Inorganics					
Antimony	NA	0.774 B	NA	1.18 B	NA
Arsenic	NA	12.2	NA	25.8	NA
Barium	NA	36.9	NA	28.5	NA
Beryllium	NA	ND(1.08)	NA	ND(0.946)	NA
Cadmium	NA	1.13	NA	1.26	NA
Chromium	NA	16.9	NA	11.4	NA
Cobalt	NA	16.0	NA	7.71	NA
Copper	NA	34.9	NA	23.9	NA
Lead	NA	14.6	NA	14.9	NA
Mercury	NA	0.0327	NA	9.26	NA
Nickel	NA	28.9	NA	17.9	NA
Selenium	NA	ND(2.16)	NA	ND(1.89)	NA
Silver	NA	ND(1.08)	NA	0.265 B	NA
Sulfide	NA	ND(4.60)	NA	ND(4.20)	NA
Thallium	NA	0.0606 B	NA	ND(0.946)	NA
Tin	NA	ND(1.08)	NA	ND(0.946)	NA
Vanadium	NA	16.7	NA	11.3	NA
Zinc	NA	75.8	NA	58.9	NA

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	W30-1 6-10 04/05/07	W30-2 10-12 04/05/07	W30-2 10-15 04/05/07	W30-3 6-10 04/05/07
Volatile Organics				
2-Butanone	NA	ND(0.0055)	NA	NA
Acetone	NA	0.0096	NA	NA
Benzene	NA	ND(0.0055)	NA	NA
Carbon Disulfide	NA	ND(0.0055)	NA	NA
Carbon Tetrachloride	NA	ND(0.0055)	NA	NA
Chlorobenzene	NA	ND(0.0055)	NA	NA
Chloroform	NA	ND(0.0055)	NA	NA
Chloromethane	NA	ND(0.0055)	NA	NA
Methylene Chloride	NA	0.0080	NA	NA
Tetrachloroethene	NA	0.0064	NA	NA
Toluene	NA	ND(0.0055)	NA	NA
Trichloroethene	NA	0.0066	NA	NA
Trichlorofluoromethane	NA	ND(0.0055)	NA	NA
Xylenes (total)	NA	ND(0.0055)	NA	NA
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.34)	NA	ND(0.34)	ND(0.36) [ND(0.34)]
1,2,4-Trichlorobenzene	ND(0.34)	NA	ND(0.34)	0.15 J [0.082 J]
1,4-Dichlorobenzene	ND(0.34)	NA	ND(0.34)	ND(0.36) [ND(0.34)]
2,4-Dimethylphenol	ND(0.34)	NA	ND(0.34)	ND(0.36) [ND(0.34)]
2-Methylnaphthalene	ND(0.34)	NA	ND(0.34)	0.23 J [0.24 J]
2-Methylphenol	ND(0.34)	NA	ND(0.34)	ND(0.36) [ND(0.34)]
3&4-Methylphenol	ND(0.34)	NA	ND(0.34)	ND(0.36) [ND(0.34)]
Acenaphthene	0.065 J	NA	ND(0.34)	0.076 J [0.10 J]
Acenaphthylene	0.065 J	NA	ND(0.34)	0.45 [0.45]
Aniline	ND(0.34)	NA	ND(0.34)	ND(0.36) [ND(0.34)]
Anthracene	0.25 J	NA	ND(0.34)	0.21 J [0.26 J]
Benzo(a)anthracene	0.79	NA	ND(0.34)	1.7 [1.9]
Benzo(a)pyrene	0.75	NA	ND(0.34)	1.9 [2.1]
Benzo(b)fluoranthene	0.90	NA	ND(0.34)	2.4 [2.7]
Benzo(g,h,i)perylene	0.76	NA	ND(0.34)	1.1 [1.2]
Benzo(k)fluoranthene	0.34	NA	ND(0.34)	0.83 [0.91]
bis(2-Ethylhexyl)phthalate	ND(0.34)	NA	ND(0.34)	0.058 J [0.048 J]
Chrysene	0.80	NA	0.037 J	1.8 [2.0]
Dibenzo(a,h)anthracene	0.28 J	NA	ND(0.34)	0.42 [0.57]
Dibenzofuran	0.082 J	NA	ND(0.34)	0.17 J [0.18 J]
Di-n-Butylphthalate	ND(0.34)	NA	ND(0.34)	ND(0.36) [ND(0.34)]
Fluoranthene	1.5	NA	0.058 J	1.9 [2.2]
Fluorene	0.086 J	NA	ND(0.34)	ND(0.36) [0.089 J]
Hexachlorobenzene	ND(0.34)	NA	ND(0.34)	ND(0.36) [ND(0.34)]
Indeno(1,2,3-cd)pyrene	0.64	NA	ND(0.34)	1.2 [1.3]
Naphthalene	0.11 J	NA	ND(0.34)	0.57 [0.59]
Pentachlorobenzene	ND(0.34)	NA	ND(0.34)	ND(0.36) [ND(0.34)]
Phenanthrene	1.1	NA	0.051 J	0.51 [0.69]
Phenol	ND(0.34)	NA	ND(0.34)	ND(0.36) [ND(0.34)]
Pyrene	1.5	NA	ND(0.34)	2.2 [2.6]

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	W30-1 6-10 04/05/07	W30-2 10-12 04/05/07	W30-2 10-15 04/05/07	W30-3 6-10 04/05/07
Furans					
2,3,7,8-TCDF		0.0000015 Y	NA	0.00000069 J	0.0000018 Y [0.0000024 Q]
TCDFs (total)		0.0000077 Q	NA	0.0000021	0.000021 Q [0.000018 Q]
1,2,3,7,8-PeCDF		0.00000064 JI	NA	ND(0.00000041)	0.0000049 I [0.0000016 JQ]
2,3,4,7,8-PeCDF		0.00000066 J	NA	ND(0.00000041)	0.000014 [0.0000027 JQI]
PeCDFs (total)		0.0000045 JQ	NA	0.00000046 JQ	0.000051 QI [0.000020 QI]
1,2,3,4,7,8-HxCDF		0.00000075 J	NA	ND(0.00000041)	0.000021 [0.0000040 JQI]
1,2,3,6,7,8-HxCDF		ND(0.00000049)	NA	ND(0.00000041)	0.0000061 [0.0000016 JI]
1,2,3,7,8,9-HxCDF		ND(0.00000049)	NA	ND(0.00000041)	0.0000070 [0.0000011 J]
2,3,4,6,7,8-HxCDF		ND(0.00000049)	NA	ND(0.00000041)	0.0000057 [0.0000022 J]
HxCDFs (total)		0.0000028 J	NA	0.00000066 J	0.000069 [0.000026 I]
1,2,3,4,6,7,8-HpCDF		0.0000018 J	NA	0.00000053 J	0.0000091 [0.0000045 J]
1,2,3,4,7,8,9-HpCDF		ND(0.00000049)	NA	ND(0.00000041) Q	0.0000059 [0.0000012 J]
HpCDFs (total)		0.0000028 J	NA	0.0000013 J	0.000027 [0.0000099]
OCDF		0.0000033 J	NA	0.0000013 J	0.000029 [0.0000062 J]
Dioxins					
2,3,7,8-TCDD		ND(0.00000023)	NA	ND(0.00000017)	ND(0.00000022) [ND(0.00000021) Q]
TCDDs (total)		0.0000015	NA	0.00000073 J	0.000013 [0.0000085 Q]
1,2,3,7,8-PeCDD		ND(0.00000049)	NA	ND(0.00000041)	0.00000056 J [ND(0.00000046) Q]
PeCDDs (total)		0.0000012 JQ	NA	ND(0.00000041)	0.000014 Q [0.0000080 Q]
1,2,3,4,7,8-HxCDD		ND(0.00000049)	NA	ND(0.00000041)	0.00000049 J [ND(0.00000046)]
1,2,3,6,7,8-HxCDD		ND(0.00000049)	NA	ND(0.00000041)	0.00000094 J [0.00000070 J]
1,2,3,7,8,9-HxCDD		ND(0.00000049)	NA	ND(0.00000041)	0.00000055 J [0.00000047 J]
HxCDDs (total)		0.0000026 J	NA	0.00000046 J	0.000013 [0.000010]
1,2,3,4,6,7,8-HpCDD		0.0000028 J	NA	0.00000082 J	0.0000064 [0.0000039 J]
HpCDDs (total)		0.0000046 J	NA	0.0000015 J	0.000012 [0.0000074]
OCDD		0.000013	NA	0.0000047 J	0.000052 [0.000019]
Total TEQs (WHO TEFs)		0.0000011	NA	0.00000063	0.000012 [0.0000031]
Inorganics					
Antimony		2.08 B	NA	1.08 B	0.465 B [0.435 B]
Arsenic		35.3	NA	7.64	11.9 [16.9]
Barium		43.2	NA	31.3	68.6 [74.6]
Beryllium		ND(1.08)	NA	ND(1.05)	0.263 B [ND(1.02)]
Cadmium		3.08	NA	1.20	0.950 B [1.27]
Chromium		13.9	NA	16.1	15.2 [12.7]
Cobalt		13.0	NA	11.2	5.98 [8.50]
Copper		90.3	NA	32.8	27.1 [48.0]
Lead		98.2	NA	14.2	15.4 [38.9]
Mercury		0.268	NA	3.41	2.05 [10.7]
Nickel		25.7	NA	21.6	16.6 [18.3]
Selenium		ND(2.16)	NA	0.678 B	0.658 B [1.81 B]
Silver		0.323 B	NA	ND(1.05)	ND(1.03) [ND(1.02)]
Sulfide		ND(5.70)	NA	ND(4.40)	30.0 [ND(5.30)]
Thallium		ND(1.08)	NA	ND(1.05)	ND(1.03) [ND(1.02)]
Tin		7.32	NA	ND(1.05)	ND(1.03) [ND(1.02)]
Vanadium		13.0	NA	13.0	17.3 [18.9]
Zinc		163	NA	65.6	26.1 [77.4]

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID:	W30-3	W30-5	W30-5	W30-6	W30-6
Sample Depth(Feet):	8-10	6-8	6-10	6-10	8-10
Parameter / Date Collected:	04/05/07	04/04/07	04/04/07	04/04/07	04/04/07
Volatile Organics					
2-Butanone	0.0044 J [0.011]	0.0037 J	NA	NA	ND(0.0058)
Acetone	0.032 [0.078]	0.038	NA	NA	0.014
Benzene	ND(0.0065) [ND(0.0058)]	0.035	NA	NA	ND(0.0058)
Carbon Disulfide	0.064 [0.12]	0.012	NA	NA	ND(0.0058)
Carbon Tetrachloride	ND(0.0065) [0.0043 J]	ND(0.0058)	NA	NA	ND(0.0058)
Chlorobenzene	ND(0.0065) [ND(0.0058)]	ND(0.0058)	NA	NA	ND(0.0058)
Chloroform	0.0093 [0.010]	ND(0.0058)	NA	NA	ND(0.0058)
Chloromethane	ND(0.0065) [ND(0.0058)]	ND(0.0058)	NA	NA	ND(0.0058)
Methylene Chloride	ND(0.0065) [ND(0.0058)]	ND(0.0058)	NA	NA	ND(0.0058)
Tetrachloroethene	0.0077 [0.012]	0.0055 J	NA	NA	ND(0.0058)
Toluene	0.0044 J [0.0067]	0.014	NA	NA	ND(0.0058)
Trichloroethene	0.031 [0.025]	ND(0.0058)	NA	NA	ND(0.0058)
Trichlorofluoromethane	ND(0.0065) [ND(0.0058)]	ND(0.0058)	NA	NA	ND(0.0058)
Xylenes (total)	ND(0.0065) [0.0055 J]	ND(0.0058)	NA	NA	ND(0.0058)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	NA	ND(3.9)	ND(1.9)	NA
1,2,4-Trichlorobenzene	NA	NA	ND(3.9)	ND(1.9)	NA
1,4-Dichlorobenzene	NA	NA	ND(3.9)	ND(1.9)	NA
2,4-Dimethylphenol	NA	NA	16	ND(1.9)	NA
2-Methylnaphthalene	NA	NA	ND(3.9)	ND(1.9)	NA
2-Methylphenol	NA	NA	1.7 J	ND(1.9)	NA
3&4-Methylphenol	NA	NA	13	ND(1.9)	NA
Acenaphthene	NA	NA	1.0 J	0.65 J	NA
Acenaphthylene	NA	NA	ND(3.9)	ND(1.9)	NA
Aniline	NA	NA	44	ND(1.9)	NA
Anthracene	NA	NA	1.3 J	1.1 J	NA
Benzo(a)anthracene	NA	NA	2.9 J	2.1	NA
Benzo(a)pyrene	NA	NA	2.3 J	1.6 J	NA
Benzo(b)fluoranthene	NA	NA	2.9 J	2.0	NA
Benzo(g,h,i)perylene	NA	NA	2.6 J	1.8 J	NA
Benzo(k)fluoranthene	NA	NA	1.3 J	0.63 J	NA
bis(2-Ethylhexyl)phthalate	NA	NA	ND(3.9)	ND(1.9)	NA
Chrysene	NA	NA	2.8 J	1.8 J	NA
Dibenzo(a,h)anthracene	NA	NA	ND(3.9)	ND(1.9)	NA
Dibenzofuran	NA	NA	ND(3.9)	ND(1.9)	NA
Di-n-Butylphthalate	NA	NA	9.2	0.45 J	NA
Fluoranthene	NA	NA	6.2	5.5	NA
Fluorene	NA	NA	0.74 J	0.45 J	NA
Hexachlorobenzene	NA	NA	ND(3.9)	ND(1.9)	NA
Indeno(1,2,3-cd)pyrene	NA	NA	2.5 J	1.6 J	NA
Naphthalene	NA	NA	0.62 J	ND(1.9)	NA
Pentachlorobenzene	NA	NA	ND(3.9)	ND(1.9)	NA
Phenanthrene	NA	NA	5.3	3.9	NA
Phenol	NA	NA	ND(3.9)	ND(1.9)	NA
Pyrene	NA	NA	4.9	3.4	NA

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Sample ID:	W30-3	W30-5	W30-5	W30-6	W30-6
Sample Depth(Feet):	8-10	6-8	6-10	6-10	8-10
Parameter / Date Collected:	04/05/07	04/04/07	04/04/07	04/04/07	04/04/07
Furans					
2,3,7,8-TCDF	NA	NA	0.000020 Y	0.0000071 Y	NA
TCDFs (total)	NA	NA	0.00020 Q	0.000072 QI	NA
1,2,3,7,8-PeCDF	NA	NA	0.000012 Q	0.000021 Q	NA
2,3,4,7,8-PeCDF	NA	NA	0.000037 Q	0.000082 Q	NA
PeCDFs (total)	NA	NA	0.00024 Q	0.00027 Q	NA
1,2,3,4,7,8-HxCDF	NA	NA	0.000048	0.00012	NA
1,2,3,6,7,8-HxCDF	NA	NA	0.000013	0.000032	NA
1,2,3,7,8,9-HxCDF	NA	NA	0.000011	0.000044	NA
2,3,4,6,7,8-HxCDF	NA	NA	0.000019	0.000033	NA
HxCDFs (total)	NA	NA	0.00026	0.00038	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	0.000096	0.000071	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	0.000021	0.000049	NA
HpCDFs (total)	NA	NA	0.00025	0.00023	NA
OCDF	NA	NA	0.00018	0.00019	NA
Dioxins					
2,3,7,8-TCDD	NA	NA	ND(0.00000037)	ND(0.00000022) Q	NA
TCDDs (total)	NA	NA	0.000015 Q	0.0000069 Q	NA
1,2,3,7,8-PeCDD	NA	NA	0.00000098 J	ND(0.00000051)	NA
PeCDDs (total)	NA	NA	0.0000089 Q	ND(0.00000051) Q	NA
1,2,3,4,7,8-HxCDD	NA	NA	0.0000012 J	ND(0.00000051)	NA
1,2,3,6,7,8-HxCDD	NA	NA	0.0000076	0.0000045 J	NA
1,2,3,7,8,9-HxCDD	NA	NA	0.0000032 J	0.0000017 J	NA
HxCDDs (total)	NA	NA	0.000055	0.000030	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	0.00030	0.00019	NA
HpCDDs (total)	NA	NA	0.00051	0.00031	NA
OCDD	NA	NA	0.0020	0.0011	NA
Total TEQs (WHO TEFs)	NA	NA	0.000037	0.000070	NA
Inorganics					
Antimony	NA	NA	1.03 B	ND(4.14)	NA
Arsenic	NA	NA	16.4	15.2	NA
Barium	NA	NA	116	101	NA
Beryllium	NA	NA	2.29	ND(1.04)	NA
Cadmium	NA	NA	1.53	0.627 B	NA
Chromium	NA	NA	13.5	7.71	NA
Cobalt	NA	NA	5.79	3.07	NA
Copper	NA	NA	113	25.8	NA
Lead	NA	NA	88.3	8.94	NA
Mercury	NA	NA	0.409	0.00601 B	NA
Nickel	NA	NA	18.6	8.34	NA
Selenium	NA	NA	1.09 B	1.46 B	NA
Silver	NA	NA	ND(1.22)	ND(1.04)	NA
Sulfide	NA	NA	ND(5.20)	ND(5.90)	NA
Thallium	NA	NA	ND(1.22)	ND(1.04)	NA
Tin	NA	NA	6.92	ND(1.04)	NA
Vanadium	NA	NA	18.3	12.3	NA
Zinc	NA	NA	189	21.9	NA

TABLE 1-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Notes:

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

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

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

Inorganics

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

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

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

f. Proposed/Approved Work Plan Modifications

None

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

a. Activities Undertaken/Completed

- Conducted sampling of plant sweepings near Building 9, as identified in Table 3-1.

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

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

- Conducted sampling of soil from Building 100 alleyway storm drain repair, as identified in Table 3-1.

b. Sampling/Test Results Received

- On May 7, 2007, GE received the analytical results of a liquid sample collected from a drainage piping system in the Building 11 laboratory, as identified in Table 3-1. The results indicated PCB concentrations greater than or equal to 50 ppm, and were therefore verbally reported to EPA and MDEP on May 10, 2007. GE will submit a formal follow-up notification letter (see Item 3.e below).

- See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted formal follow-up notification letter to EPA documenting an April 12, 2007 verbal notification to EPA and MDEP regarding the results of the final oil samples collected from equipment in Buildings 11 and 16 (May 17, 2007).

- Submitted a Final Removal Design/Removal Action Work Plan Addendum for East Street Area 2-North (May 25, 2007).*

- Submitted letter to EPA containing: (a) plan to address areas of the Building 19 slab that will be removed as part of demolition activities; and (b) revised proposal for disposition of demolition debris from Buildings 7, 17, 17C, and 19, in response to EPA's letter of March 12, 2007 regarding GE's prior proposal for such disposition activities (May 30, 2007).*

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

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

- Continue asbestos removal activities at Buildings 11 and 16.

- Develop proposal to EPA regarding demolition of, and disposition of demolition debris from, Buildings 11 and 16, following discussions with EPA regarding GE's May 30, 2007 revised proposal for disposition of demolition debris from Buildings 7, 17, 17C, and 19.*

- Schedule initiation of demolition activities for Buildings 7, 17, 17C, and 19 following discussions with EPA regarding, and receipt of approvals for, GE's May 30, 2007 revised proposal for disposition of demolition debris.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

- GE has proposed that, following EPA's approval of GE's revised proposal for disposition of demolition debris from Buildings 7, 17, 17C, and 19, a CD modification be prepared to allow the proposed disposition.

- GE has proposed to initiate demolition activities for Buildings 7, 17, 17C, and 19 following receipt of all necessary regulatory approvals for GE's proposed plan for disposition of demolition debris from those buildings.

- The formal follow-notification letter associated with the May 10, 2007 verbal notification to EPA and MDEP regarding the result of a liquid sample collected from a drainage piping system in the Building 11 laboratory will be submitted after GE has completed removal of any additional liquids collected from the piping system (as discussed with M. Milette [EPA] during the May 10, 2007 verbal notification, and documented in a May 17, 2007 letter to EPA regarding the results of certain oil samples from Buildings 11 and 16). However, given site-specific conditions, such additional removal activities can only be completed as part of the demolition of Buildings 11 and 16. Therefore, submittal of the follow-up notification letter is dependent upon initiation of demolition activities for those buildings.

f. Proposed/Approved Work Plan Modifications

None

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

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Building 100 Alley Way Storm Drain Repair	Bldg100-A	5/22/07	NA	Soil	SGS	TCLP - Lead	
Building 11 Drainage Piping System	B0515-1	4/10/07	NA	Water	SGS	PCB, VOC, SVOC, Total Metals	5/7/07
Plant Sweepings	Bldg9-1-A	5/22/07	NA	Soil	SGS	PCB, TCLP	
Woodlawn Avenue Evaluation	SB-1	4/13/07	0-1	Soil	SGS	PCB	5/3/07
Woodlawn Avenue Evaluation	SB-1	4/13/07	6-15	Soil	SGS	PCB	5/3/07
Woodlawn Avenue Evaluation	SB-1	4/13/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/3/07
Woodlawn Avenue Evaluation	SB-1	4/13/07	4-6	Soil	SGS	VOC	5/3/07
Woodlawn Avenue Evaluation	SB-2	4/13/07	0-1	Soil	SGS	PCB	5/3/07
Woodlawn Avenue Evaluation	SB-2	4/13/07	1-6	Soil	SGS	PCB	5/3/07
Woodlawn Avenue Evaluation	SB-2	4/13/07	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/3/07
Woodlawn Avenue Evaluation	SB-2	4/13/07	8-10	Soil	SGS	VOC	5/3/07
Woodlawn Avenue Evaluation	SB-3	4/13/07	1-6	Soil	SGS	PCB	5/3/07
Woodlawn Avenue Evaluation	SB-3	4/13/07	6-15	Soil	SGS	PCB	5/3/07
Woodlawn Avenue Evaluation	SB-3	4/13/07	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	5/3/07
Woodlawn Avenue Evaluation	SB-4	4/13/07	0-1	Soil	SGS	PCB	5/3/07
Woodlawn Avenue Evaluation	SB-4	4/13/07	1-6	Soil	SGS	PCB	5/3/07
Woodlawn Avenue Evaluation	SB-4	4/13/07	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/3/07
Woodlawn Avenue Evaluation	SB-4	4/13/07	12-14	Soil	SGS	VOC	5/3/07
Woodlawn Avenue Evaluation	WA-DUP-1 (SB-1)	4/13/07	4-6	Soil	SGS	VOC	5/3/07
Woodlawn Avenue Evaluation	WA-DUP-2 (SB-1)	4/13/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/3/07

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

TABLE 3-2
PCB DATA RECEIVED DURING MAY 2007

WOODLAWN AVENUE EVALUATION
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
SB-1	0-1	4/13/2007	ND(3.2)	14	6.8	20.8
	1-6	4/13/2007	ND(0.034) [ND(0.033)]	0.33 [0.27]	0.27 [0.23]	0.60 [0.50]
	6-15	4/13/2007	ND(0.034)	0.018 J	0.016 J	0.034 J
SB-2	0-1	4/13/2007	ND(0.032)	0.037	0.085	0.122
	1-6	4/13/2007	ND(0.17)	0.52	1.4	1.92
	6-15	4/13/2007	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
SB-3	0-1	4/13/2007	ND(0.034)	ND(0.034)	0.24	0.24
	1-6	4/13/2007	ND(0.036)	ND(0.036)	0.0064 J	0.0064 J
	6-15	4/13/2007	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
SB-4	0-1	4/13/2007	ND(3.4)	31	ND(3.4)	31
	1-6	4/13/2007	ND(3.4)	29	ND(3.4)	29
	6-15	4/13/2007	ND(0.032)	0.019 J	ND(0.032)	0.019 J

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

Data Qualifiers:

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

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

WOODLAWN AVENUE EVALUATION
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	SB-1 1-6 04/13/07	SB-1 4-6 04/13/07	SB-2 6-15 04/13/07
Volatile Organics				
2-Butanone		NA	ND(0.0053) [ND(0.0054)]	NA
Acetone		NA	0.012 [0.011]	NA
Benzene		NA	0.0035 J [ND(0.0054)]	NA
Semivolatile Organics				
Acenaphthene		ND(0.34) [ND(0.34)]	NA	ND(0.34)
Anthracene		ND(0.34) [ND(0.34)]	NA	ND(0.34)
Benzo(a)anthracene		ND(0.34) [ND(0.34)]	NA	ND(0.34)
Benzo(a)pyrene		ND(0.34) [ND(0.34)]	NA	ND(0.34)
Benzo(b)fluoranthene		ND(0.34) [ND(0.34)]	NA	ND(0.34)
Benzo(g,h,i)perylene		ND(0.34) [ND(0.34)]	NA	ND(0.34)
Benzo(k)fluoranthene		ND(0.34) [ND(0.34)]	NA	ND(0.34)
bis(2-Ethylhexyl)phthalate		0.079 J [0.075 J]	NA	ND(0.34)
Chrysene		0.055 J [0.068 J]	NA	ND(0.34)
Dibenzo(a,h)anthracene		ND(0.34) [ND(0.34)]	NA	ND(0.34)
Fluoranthene		ND(0.34) [ND(0.34)]	NA	ND(0.34)
Indeno(1,2,3-cd)pyrene		ND(0.34) [ND(0.34)]	NA	ND(0.34)
Naphthalene		0.051 J [0.044 J]	NA	ND(0.34)
Phenanthrene		0.051 J [0.068 J]	NA	ND(0.34)
Pyrene		ND(0.34) [0.072 J]	NA	ND(0.34)
Furans				
2,3,7,8-TCDF		0.00000048 J [0.00000070 J]	NA	ND(0.00000034) X
TCDFs (total)		0.0000052 Q [0.0000057]	NA	0.00000029 J
1,2,3,7,8-PeCDF		ND(0.00000041) Q [ND(0.00000042) Q]	NA	ND(0.00000046)
2,3,4,7,8-PeCDF		0.0000017 JQ [0.0000013 JQ]	NA	ND(0.00000046)
PeCDFs (total)		0.000024 Q [0.000017 Q]	NA	ND(0.00000046)
1,2,3,4,7,8-HxCDF		0.00000076 J [0.00000061 J]	NA	ND(0.00000046)
1,2,3,6,7,8-HxCDF		0.00000063 J [0.00000056 J]	NA	ND(0.00000046)
1,2,3,7,8,9-HxCDF		ND(0.00000041) [ND(0.00000042)]	NA	ND(0.00000046)
2,3,4,6,7,8-HxCDF		0.0000016 J [0.0000014 J]	NA	ND(0.00000046)
HxCDFs (total)		0.000023 [0.000019]	NA	ND(0.00000046)
1,2,3,4,6,7,8-HpCDF		0.0000014 J [0.0000013 J]	NA	ND(0.00000046)
1,2,3,4,7,8,9-HpCDF		ND(0.00000041) [ND(0.00000042)]	NA	ND(0.00000046)
HpCDFs (total)		0.0000041 J [0.0000036 J]	NA	ND(0.00000046)
OCDF		0.0000011 J [0.0000013 J]	NA	ND(0.00000092)
Dioxins				
2,3,7,8-TCDD		ND(0.00000018) [ND(0.00000034)]	NA	ND(0.00000018)
TCDDs (total)		ND(0.00000018) [ND(0.00000034)]	NA	ND(0.00000018)
1,2,3,7,8-PeCDD		ND(0.00000041) [ND(0.00000042)]	NA	ND(0.00000046)
PeCDDs (total)		ND(0.00000041) [ND(0.00000042)]	NA	ND(0.00000046)
1,2,3,4,7,8-HxCDD		ND(0.00000041) [ND(0.00000042)]	NA	ND(0.00000046)
1,2,3,6,7,8-HxCDD		ND(0.00000041) [ND(0.00000042)]	NA	ND(0.00000046)
1,2,3,7,8,9-HxCDD		ND(0.00000041) [ND(0.00000042)]	NA	ND(0.00000046)
HxCDDs (total)		ND(0.00000041) [ND(0.00000042)]	NA	ND(0.00000046)
1,2,3,4,6,7,8-HpCDD		0.00000078 J [0.0000013 J]	NA	ND(0.00000046)
HpCDDs (total)		0.0000015 J [0.0000024 J]	NA	ND(0.00000046)
OCDD		0.0000048 J [0.0000077 J]	NA	0.0000023 J
Total TEQs (WHO TEFs)		0.0000016 [0.0000015]	NA	0.00000063

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

WOODLAWN AVENUE EVALUATION
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	SB-1 1-6 04/13/07	SB-1 4-6 04/13/07	SB-2 6-15 04/13/07
Inorganics				
Antimony		ND(4.23) [0.688 B]	NA	1.49 B
Arsenic		13.0 [7.15]	NA	8.15
Barium		52.2 [31.4]	NA	25.5
Cadmium		0.706 B [1.30]	NA	0.831 B
Chromium		21.4 [19.2]	NA	10.5
Cobalt		14.4 [10.2]	NA	13.6
Copper		30.8 [30.6]	NA	41.0
Lead		18.6 [16.3]	NA	14.0
Mercury		0.0130 B [0.0154 B]	NA	0.0189 B
Nickel		20.0 [19.9]	NA	17.9
Selenium		0.480 B [0.562 B]	NA	ND(2.01)
Silver		0.570 B [0.129 B]	NA	0.608 B
Thallium		0.0423 B [ND(1.03)]	NA	0.0363 B
Tin		ND(1.06) [6.77]	NA	1.93
Vanadium		13.2 [11.7]	NA	10.1
Zinc		55.4 [57.8]	NA	55.6

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

WOODLAWN AVENUE EVALUATION
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	SB-2 8-10 04/13/07	SB-3 0-1 04/13/07	SB-4 6-15 04/13/07	SB-4 12-14 04/13/07
Volatile Organics					
2-Butanone		0.0073	0.010	NA	0.0034 J
Acetone		0.052	0.038	NA	0.022
Benzene		ND(0.0049)	ND(0.0055)	NA	ND(0.0053)
Semivolatile Organics					
Acenaphthene		NA	0.055 J	ND(0.33)	NA
Anthracene		NA	ND(0.34)	0.097 J	NA
Benzo(a)anthracene		NA	0.061 J	0.44	NA
Benzo(a)pyrene		NA	ND(0.34)	0.46	NA
Benzo(b)fluoranthene		NA	ND(0.34)	0.55	NA
Benzo(g,h,i)perylene		NA	0.10 J	0.38	NA
Benzo(k)fluoranthene		NA	ND(0.34)	0.18 J	NA
bis(2-Ethylhexyl)phthalate		NA	ND(0.34)	ND(0.33)	NA
Chrysene		NA	0.055 J	0.46	NA
Dibenzo(a,h)anthracene		NA	ND(0.34)	0.33	NA
Fluoranthene		NA	0.15 J	0.84	NA
Indeno(1,2,3-cd)pyrene		NA	ND(0.34)	0.39	NA
Naphthalene		NA	ND(0.34)	ND(0.33)	NA
Phenanthrene		NA	0.13 J	0.41	NA
Pyrene		NA	0.11 J	0.56	NA
Furans					
2,3,7,8-TCDF		NA	0.00000050 J	ND(0.00000051) X	NA
TCDFs (total)		NA	0.0000025	0.00000051 J	NA
1,2,3,7,8-PeCDF		NA	ND(0.00000045)	ND(0.00000044)	NA
2,3,4,7,8-PeCDF		NA	0.00000093 J	ND(0.00000044)	NA
PeCDFs (total)		NA	0.0000086	ND(0.00000044)	NA
1,2,3,4,7,8-HxCDF		NA	ND(0.00000045)	ND(0.00000044)	NA
1,2,3,6,7,8-HxCDF		NA	ND(0.00000045)	ND(0.00000044)	NA
1,2,3,7,8,9-HxCDF		NA	ND(0.00000045)	ND(0.00000044)	NA
2,3,4,6,7,8-HxCDF		NA	0.00000089 J	ND(0.00000044)	NA
HxCDFs (total)		NA	0.000011	0.00000050 J	NA
1,2,3,4,6,7,8-HpCDF		NA	0.0000011 J	0.00000047 J	NA
1,2,3,4,7,8,9-HpCDF		NA	ND(0.00000045)	ND(0.00000044)	NA
HpCDFs (total)		NA	0.0000027 J	0.00000047 J	NA
OCDF		NA	0.0000011 J	ND(0.00000087)	NA
Dioxins					
2,3,7,8-TCDD		NA	ND(0.00000020)	ND(0.00000019)	NA
TCDDs (total)		NA	ND(0.00000020)	ND(0.00000019)	NA
1,2,3,7,8-PeCDD		NA	ND(0.00000045)	ND(0.00000044)	NA
PeCDDs (total)		NA	ND(0.00000045)	ND(0.00000044)	NA
1,2,3,4,7,8-HxCDD		NA	ND(0.00000045)	ND(0.00000044)	NA
1,2,3,6,7,8-HxCDD		NA	ND(0.00000045)	ND(0.00000044)	NA
1,2,3,7,8,9-HxCDD		NA	ND(0.00000045)	ND(0.00000044)	NA
HxCDDs (total)		NA	ND(0.00000045)	ND(0.00000044)	NA
1,2,3,4,6,7,8-HpCDD		NA	0.00000073 J	0.00000051 J	NA
HpCDDs (total)		NA	0.0000013 J	0.00000051 J	NA
OCDD		NA	0.0000046 J	0.0000029 J	NA
Total TEQs (WHO TEFs)		NA	0.0000011	0.00000062	NA

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

WOODLAWN AVENUE EVALUATION
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	SB-2 8-10 04/13/07	SB-3 0-1 04/13/07	SB-4 6-15 04/13/07	SB-4 12-14 04/13/07
Inorganics					
Antimony		NA	0.928 B	0.476 B	NA
Arsenic		NA	8.14	9.66	NA
Barium		NA	30.2	23.9	NA
Cadmium		NA	0.843 B	0.964	NA
Chromium		NA	13.5	12.2	NA
Cobalt		NA	10.9	11.1	NA
Copper		NA	23.0	37.6	NA
Lead		NA	10.8	22.1	NA
Mercury		NA	0.0145 B	0.0417	NA
Nickel		NA	19.8	19.6	NA
Selenium		NA	ND(2.10)	ND(1.90)	NA
Silver		NA	ND(1.05)	ND(0.949)	NA
Thallium		NA	0.0788 B	0.0294 B	NA
Tin		NA	ND(1.05)	1.95	NA
Vanadium		NA	11.4	10.7	NA
Zinc		NA	58.9	63.0	NA

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

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)
- J - Indicates an estimated value less than the practical quantitation limit (PQL).
- Q - Indicates the presence of quantitative interferences.
- X - Estimated maximum possible concentration.

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

TABLE 3-4
DATA RECEIVED DURING MAY 2007

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

Parameter	Sample ID: / Date Collected:	B0515-1 / 04/10/07
Volatile Organics		
Trichloroethene		24
PCBs-Unfiltered		
Aroclor-1016		160
Aroclor-1260		880
Total PCBs		1040
Semivolatile Organics		
1,2,4,5-Tetrachlorobenzene		5.9 J
1,2,4-Trichlorobenzene		81
Inorganics-Unfiltered		
Arsenic		0.218
Cadmium		1.80
Chromium		5.40
Lead		17.1
Mercury		0.496
Silver		0.524

Notes:

1. Sample was collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of PCBs, volatiles, semivolatiles, and metals. Only detected constituents are summarized.
2. Data Qualifiers:

   Organics (PCBs, volatiles, semivolatiles)

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

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

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

a. Activities Undertaken/Completed

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

- Continued transfer of leachate from Building 71 On-Plant Consolidation Area (OPCA) to Building 64G for treatment. The total amount transferred in May 2007 was 17,000 gallons (see Table 5-6).

- Conducted preliminary data review (PDR) of PCB analytical data for ambient air samples collected from the OPCA air monitors on May 8-9, 2007. The PDR was conducted based on the following data quality indicators associated with the tabulated data set – sampling collection time, sampling calibration check, temperature receipt, associated blanks, laboratory control samples, recoveries and surrogate recoveries – in accordance with Validation Annex F in GE's revised FSP/QAPP (submitted on March 30, 2007) and the Region I Data Validation Functional Guidelines referenced therein. This PDR review resulted in no qualification of these data, as shown in Table 5-4. Tier I and Tier II data validation of all PCB analytical data for ambient air samples collected from the OPCA air monitors on May 8-9, 2007 will be conducted after receiving the full data package(s) from the laboratory.

- Conducted Tier I and Tier II data validation of all PCB analytical data for ambient air samples collected from the OPCA air monitors on April 17-18, 2007. The Tier I and Tier 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 revised FSP/QAPP (submitted on March 30, 2007) and the Region I Data Validation Functional Guidelines referenced therein. The Tier I/II review resulted in no qualifications of these data, as shown in Table 5-7. The PCB analytical data from these samples have an overall usability of 100%. The validated data from this event are included in Table 5-4.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

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

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

- Perform spring inspection of Building 71 OPCA.

- Initiate construction of final cover at portion of Hill 78 OPCA following EPA's approval of final Phase III capping design documents for Hill 78 OPCA.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Timing of completion of closure of Hill 78 OPCA is dependent on timing of building demolition activities at East Street Area 2-North.

f. Proposed/Approved Work Plan Modifications

None

TABLE 5-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 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
D.R. Billings Pit Sand Sampling	DRBILLINGS-SAND-C1	4/9/07	Sand	SGS	PCB, VOC, SVOC, Metals	5/10/07
D.R. Billings Pit Topsoil Sampling	DRBILLINGS-TOPSOIL-C1	4/9/07	Soil	SGS	PCB, VOC, SVOC, Metals	5/7/07
Ambient Air Particulate Matter Sampling	North of OPCAs	5/29/07	Air	Berkshire Environmental	Particulate Matter	6/4/07
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/29/07	Air	Berkshire Environmental	Particulate Matter	6/4/07
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/29/07	Air	Berkshire Environmental	Particulate Matter	6/4/07
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	5/29/07	Air	Berkshire Environmental	Particulate Matter	6/4/07
Ambient Air Particulate Matter Sampling	West of OPCAs	5/29/07	Air	Berkshire Environmental	Particulate Matter	6/4/07
Ambient Air Particulate Matter Sampling	Background Location	5/29/07	Air	Berkshire Environmental	Particulate Matter	6/4/07
Ambient Air Particulate Matter Sampling	North of OPCAs	5/30/07	Air	Berkshire Environmental	Particulate Matter	6/4/07
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/30/07	Air	Berkshire Environmental	Particulate Matter	6/4/07
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/30/07	Air	Berkshire Environmental	Particulate Matter	6/4/07
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	5/30/07	Air	Berkshire Environmental	Particulate Matter	6/4/07
Ambient Air Particulate Matter Sampling	West of OPCAs	5/30/07	Air	Berkshire Environmental	Particulate Matter	6/4/07
Ambient Air Particulate Matter Sampling	Background Location	5/30/07	Air	Berkshire Environmental	Particulate Matter	6/4/07
Ambient Air Particulate Matter Sampling	North of OPCAs	5/31/07	Air	Berkshire Environmental	Particulate Matter	6/4/07
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/31/07	Air	Berkshire Environmental	Particulate Matter	6/4/07
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/31/07	Air	Berkshire Environmental	Particulate Matter	6/4/07
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	5/31/07	Air	Berkshire Environmental	Particulate Matter	6/4/07
Ambient Air Particulate Matter Sampling	West of OPCAs	5/31/07	Air	Berkshire Environmental	Particulate Matter	6/4/07
Ambient Air Particulate Matter Sampling	Background Location	5/31/07	Air	Berkshire Environmental	Particulate Matter	6/4/07
PCB Ambient Air Sampling	Field Blank	5/8 - 5/9/07	Air	NEA	PCB	5/15/07
PCB Ambient Air Sampling	Northwest of OPCAs	5/8 - 5/9/07	Air	NEA	PCB	5/15/07
PCB Ambient Air Sampling	West of OPCAs	5/8 - 5/9/07	Air	NEA	PCB	5/15/07
PCB Ambient Air Sampling	West of OPCAs colocated	5/8 - 5/9/07	Air	NEA	PCB	5/15/07
PCB Ambient Air Sampling	North of OPCAs	5/8 - 5/9/07	Air	NEA	PCB	5/15/07
PCB Ambient Air Sampling	Southeast of OPCAs	5/8 - 5/9/07	Air	NEA	PCB	5/15/07
PCB Ambient Air Sampling	Pittsfield Generating (PGE)	5/8 - 5/9/07	Air	NEA	PCB	5/15/07
PCB Ambient Air Sampling	Background East of Building 9B	5/8 - 5/9/07	Air	NEA	PCB	5/15/07

TABLE 5-2
DATA RECEIVED DURING MAY 2007

D.R. BILLINGS PIT TOPSOIL SAMPLING
HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Date Collected:	DRBillings-Topsoil-C1 04/09/07
Volatile Organics	
2-Butanone	0.0088
Acetone	0.089
PCBs	
None Detected	--
Semivolatile Organics	
None Detected	--
Inorganics	
Arsenic	8.98
Barium	65.2
Beryllium	0.0970 B
Cadmium	1.32
Chromium	17.0
Cobalt	24.1
Copper	31.2
Lead	19.5
Mercury	0.0553
Nickel	31.4
Vanadium	22.0
Zinc	84.3

Notes:
1. Sample was collected by ARCADIS BBL, and submitted to SGS Environmental Services, Inc. for analysis of PCBs, volatiles, semivolatiles and metals.
2. -- Indicates that all constituents for the parameter group were not detected.
3. Only detected constituents are summarized.

Data Qualifiers:

Inorganics

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

TABLE 5-3
DATA RECEIVED DURING MAY 2007

D.R. BILLINGS PIT SAND SAMPLING
HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Date Collected:	DRBillings-Sand-C1 04/09/07
Volatile Organics	
Acetone	0.014
PCBs	
None Detected	--
Semivolatile Organics	
None Detected	--
Inorganics	
Arsenic	1.99
Barium	27.8
Cadmium	0.612 B
Chromium	8.11
Cobalt	5.48
Copper	7.82
Lead	3.44
Nickel	7.45
Selenium	0.543 B
Vanadium	7.48
Zinc	18.4

Notes:

1. Sample was collected by ARCADIS BBL, and submitted to SGS Environmental Services, Inc. for analysis of PCBs, volatiles, semivolatiles and metals.
2. -- Indicates that all constituents for the parameter group were not detected.
3. Only detected constituents are summarized.

Data Qualifiers:

Inorganics

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

TABLE 5-4
SUMMARY OF VALIDATED 2007 PCB AMBIENT AIR SAMPLING RESULTS

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

Date	Northwest of OPCAs	West of OPCAs	West of OPCAs colocated	North of OPCAs	Southeast of OPCAs	Pittsfield Generating (PGE)	Background Sample Location - East of Building 9B	Data Validated?
01/10/07 - 01/11/07	ND	ND	ND	ND	ND	ND	ND	Tier I/II
02/06/07 - 02/07/07	ND	ND	ND	ND	ND	ND	ND	Tier I/II
03/06/07 - 03/07/07	ND J[1]	ND	ND	ND	ND	ND	ND	Tier I/II
04/17/07 - 04/18/07	ND	ND	ND	ND	ND	ND	ND	Tier I/II
05/08/07 - 05/09/07	0.0011	0.0024	0.0027	0.0014	0.0013	0.0013	0.0022	PDR[2]
Exceedances of Notification Level (0.05 µg/m^3)	None	None	None	None	None	None	None	

Notes:

All sampling activities performed by Berkshire Environmental Consultants, Inc. All analytical activities performed by Northeast Analytical, Inc.
ND - Non Detect (<0.0003)
[1] Sample location NW-030707-012 was qualified due to pre-event sample collection pump flow percent difference (%D) greater than 10% from target flow rate.
[2] Preliminary data review (PDR) was conducted based on the following data quality indicators associated with the tabulated data set above: sampling collection time, sampling calibration check, temperature receipt, associated blanks, laboratory control samples recoveries, and surrogate recoveries.

Data Qualifiers:

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

TABLE 5-5
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2007

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

Sampling Date[1]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
4/17/07	Pittsfield Generating Co.	0.001	0.004	10:45	NNW
	Northwest of OPCAs	0.006		10:30	
	West of OPCAs	0.004		10:45	
4/18/07	Pittsfield Generating Co.	0.004	0.002	10:45	NNE
	Northwest of OPCAs	0.004		10:15	
	West of OPCAs	0.002		10:45	
5/29/07	North of OPCAs	0.009	0.032	10:45	NNW, WNW
	Pittsfield Generating Co.	0.011		10:45	
	Southeast of OPCAs	0.007		10:50	
	Northwest of OPCAs	0.006		10:45	
	West of OPCAs	0.020		10:45	
5/30/07	North of OPCAs	0.016	0.026	10:45	Variable
	Pittsfield Generating Co.	0.008		10:45	
	Southeast of OPCAs	0.017		10:45	
	Northwest of OPCAs	0.005		10:45	
	West of OPCAs	0.005		10:45	
5/31/07	North of OPCAs	0.029	0.050	10:45	Calm
	Pittsfield Generating Co.	0.026		10:45	
	Southeast of OPCAs	0.024		10:45	
	Northwest of OPCAs	0.023		10:45	
	West of OPCAs	0.022		10:45	
Notification Level		0.120			
Action Level		0.150			

Notes:

Concentrations measured with an EBAM.

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

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

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

TABLE 5-6
BUILDING 71 CONSOLIDATION AREA LEACHATE TRANSFER SUMMARY
PLANT AREA - HILL 78 & BUILDING 71 CONSOLIDATION AREAS

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

Month / Year	Total Volume of Leachate Transferred (Gallons)
May 2006	137,000
June 2006	139,000
July 2006	111,000
August 2006	121,000
September 2006	110,000
October 2006	78,000
November 2006	47,000
December 2006	42,000
January 2007	36,000
February 2007	18,000
March 2007	29,000
April 2007	26,000
May 2007	17,000

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

TABLE 5-7
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 MAY 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											
07040087	BLK-041807-100	4/18/2007	Air	Tier II	No						
07040087	NW-041807-012	4/18/2007	Air	Tier II	No						
07040087	W-041807-301	4/18/2007	Air	Tier II	No						
07040087	WCO-041807-006	4/18/2007	Air	Tier II	No						
07040087	N-041807-002	4/18/2007	Air	Tier II	No						
07040087	SE-041807-202	4/18/2007	Air	Tier II	No						
07040087	PGE-041807-303	4/18/2007	Air	Tier II	No						
07040087	BK3-041807-001	4/18/2007	Air	Tier II	No						
07040087	FS-041807-032107	4/18/2007	Air	Tier II	No						

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

a. Activities Undertaken/Completed

- Conducted and completed supplemental soil sampling related to re-routing of sanitary and stormwater pipelines in accordance with GE's February 19, 2007 supplemental sampling plan for such sampling, as conditionally approved by EPA.*

- Conducted waste characterization sampling of soils in drums, as identified in Table 6-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Complete design of re-routing of sanitary and stormwater pipelines around Hill 78 OPCA, and prepare and submit Supplemental Sampling and Engineering Design Report relating to the re-routed pipeline sections (due to EPA by July 5, 2007).*

- Conduct supplemental pre-design soil sampling activities pursuant to GE's February 16, 2007 Supplemental Sampling Proposal and its March 20, 2007 Second Supplemental Data Letter, as conditionally approved by EPA.*

- Prepare and submit Third Supplemental Data Letter (due to EPA by July 10, 2007).*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 6-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 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
Hill 78 Drum Soil Sampling	F3287	5/22/07	NA	Soil	SGS	PCB, TCLP	
Hill 78 Drum Soil Sampling	F3719	5/22/07	NA	Soil	SGS	PCB, TCLP	
Hill 78 Sewer Re-Routing Soil Sampling	H78-SRR-DUP-1 (SB-11)	5/9/07	0-1	Soil	SGS	PCB	5/29/07
Hill 78 Sewer Re-Routing Soil Sampling	H78-SRR-DUP-2 (SB-12)	5/9/07	20-22	Soil	SGS	VOC	5/29/07
Hill 78 Sewer Re-Routing Soil Sampling	H78-SRR-DUP-3 (SB-12)	5/9/07	20-24	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/29/07
Hill 78 Sewer Re-Routing Soil Sampling	H78-SRR-DUP-4 (SB-16)	5/11/07	1-6	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	H78-SRR-DUP-5 (SB-20)	5/16/07	1-6	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	H78-SRR-DUP-6 (SB-7)	5/24/07	1-6	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-1	5/23/07	0-1	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-1	5/23/07	1-6	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-1	5/23/07	6-8	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-2	5/23/07	0-1	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-2	5/23/07	1-6	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-2	5/23/07	6-8	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-3	5/24/07	20-24	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-3	5/24/07	15-20	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Hill 78 Sewer Re-Routing Soil Sampling	SB-3	5/24/07	15-17	Soil	SGS	VOC	
Hill 78 Sewer Re-Routing Soil Sampling	SB-4	5/24/07	0-1	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-4	5/24/07	15-20	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-4	5/24/07	1-6	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-4	5/24/07	20-24	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-4	5/24/07	6-15	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-5	5/24/07	15-20	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-5	5/24/07	6-15	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-5	5/24/07	20-25	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Hill 78 Sewer Re-Routing Soil Sampling	SB-5	5/24/07	20-22	Soil	SGS	VOC	
Hill 78 Sewer Re-Routing Soil Sampling	SB-6	5/24/07	15-20	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-6	5/24/07	20-26	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-6	5/24/07	6-15	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-7	5/24/07	0-1	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-7	5/24/07	15-20	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-7	5/24/07	1-6	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-7	5/24/07	20-26	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-7	5/24/07	6-15	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-8	5/18/07	20-25	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-8	5/18/07	6-15	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-8	5/18/07	15-20	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Hill 78 Sewer Re-Routing Soil Sampling	SB-8	5/18/07	18-20	Soil	SGS	VOC	

TABLE 6-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 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
Hill 78 Sewer Re-Routing Soil Sampling	SB-9	5/18/07	15-20	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-9	5/18/07	20-25	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-9	5/18/07	6-15	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-10	5/18/07	15-20	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-10	5/18/07	20-25	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-10	5/18/07	6-15	Soil	SGS	PCB	
Hill 78 Sewer Re-Routing Soil Sampling	SB-11	5/9/07	0-1	Soil	SGS	PCB	5/29/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-11	5/9/07	15-20	Soil	SGS	PCB	5/29/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-11	5/9/07	1-6	Soil	SGS	PCB	5/29/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-11	5/9/07	20-25	Soil	SGS	PCB	5/29/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-11	5/9/07	6-15	Soil	SGS	PCB	5/29/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-12	5/9/07	15-20	Soil	SGS	PCB	5/29/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-12	5/9/07	20-24	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/29/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-12	5/9/07	20-22	Soil	SGS	VOC	5/29/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-13	5/10/07	0-1	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-13	5/10/07	1-6	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-13	5/10/07	20-23	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-13	5/10/07	6-15	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-13	5/10/07	15-20	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-13	5/10/07	16-18	Soil	SGS	VOC	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-14	5/10/07	0-1	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-14	5/10/07	15-20	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-14	5/10/07	1-6	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-14	5/10/07	20-23	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-14	5/10/07	6-15	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-15	5/11/07	15-20	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-15	5/11/07	20-23	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-15	5/11/07	20-22	Soil	SGS	VOC	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-16	5/11/07	0-1	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-16	5/11/07	15-20	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-16	5/11/07	1-6	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-16	5/11/07	20-22	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-16	5/11/07	6-15	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-17	5/11/07	0-1	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-17	5/11/07	15-20	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-17	5/11/07	1-6	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-17	5/11/07	20-24	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-17	5/11/07	6-15	Soil	SGS	PCB	5/30/07

TABLE 6-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 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
Hill 78 Sewer Re-Routing Soil Sampling	SB-18	5/15/07	0-1	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-18	5/15/07	15-20	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-18	5/15/07	1-6	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-18	5/15/07	20-25	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-18	5/15/07	6-15	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-19	5/16/07	15-20	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-19	5/16/07	20-21	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-20	5/16/07	0-1	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-20	5/16/07	15-20	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-20	5/16/07	1-6	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-20	5/16/07	6-15	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-21	5/16/07	0-1	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-21	5/16/07	15-18	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-21	5/16/07	1-6	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-21	5/16/07	6-15	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-22	5/16/07	0-1	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-22	5/16/07	15-18	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-22	5/16/07	1-6	Soil	SGS	PCB	5/30/07
Hill 78 Sewer Re-Routing Soil Sampling	SB-22	5/16/07	6-15	Soil	SGS	PCB	5/30/07

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

TABLE 6-2
PCB DATA RECEIVED DURING MAY 2007

SEWER RE-ROUTING 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
SB-11	0-1	5/9/2007	ND(0.033) [ND(0.033)]	0.21 [0.23]	0.37 [0.42]	0.58 [0.65]
	1-6	5/9/2007	ND(0.034)	0.022 J	0.017 J	0.039 J
	6-15	5/9/2007	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	15-20	5/9/2007	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	20-25	5/9/2007	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
SB-12	15-20	5/9/2007	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	20-24	5/9/2007	ND(0.036) [ND(0.034)]	ND(0.036) [ND(0.034)]	ND(0.036) [ND(0.034)]	ND(0.036) [ND(0.034)]
SB-13	0-1	5/10/2007	ND(0.034)	ND(0.034)	0.0091 J	0.0091 J
	1-6	5/10/2007	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	6-15	5/10/2007	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)
	15-20	5/10/2007	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	20-23	5/10/2007	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
SB-14	0-1	5/10/2007	ND(0.33)	ND(0.33)	1.7	1.7
	1-6	5/10/2007	ND(0.033)	ND(0.033)	0.027 J	0.027 J
	6-15	5/10/2007	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	15-20	5/10/2007	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	20-23	5/10/2007	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
SB-15	15-20	5/11/2007	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	20-23	5/11/2007	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
SB-16	0-1	5/11/2007	ND(1.8)	ND(1.8)	6.2	6.2
	1-6	5/11/2007	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]	0.14 [0.14]	0.14 [0.14]
	6-15	5/11/2007	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	15-20	5/11/2007	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	20-22	5/11/2007	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
SB-17	0-1	5/11/2007	ND(0.034)	ND(0.034)	0.021 J	0.021 J
	1-6	5/11/2007	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	6-15	5/11/2007	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	15-20	5/11/2007	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	20-24	5/11/2007	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
SB-18	0-1	5/15/2007	ND(0.038)	ND(0.038)	0.044	0.044
	1-6	5/15/2007	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	6-15	5/15/2007	ND(0.032)	ND(0.032)	ND(0.032)	ND(0.032)
	15-20	5/15/2007	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	20-25	5/15/2007	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
SB-19	15-20	5/16/2007	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	20-21	5/16/2007	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
SB-20	0-1	5/16/2007	ND(0.033)	ND(0.033)	0.014 J	0.014 J
	1-6	5/16/2007	ND(0.034) [ND(0.034)]	ND(0.034) [ND(0.034)]	0.0090 J [0.010 J]	0.0090 J [0.010 J]
	6-15	5/16/2007	ND(0.035)	ND(0.035)	0.0093 J	0.0093 J
	15-20	5/16/2007	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
SB-21	0-1	5/16/2007	ND(0.032)	0.020 J	0.0095 J	0.0295 J
	1-6	5/16/2007	ND(0.033)	ND(0.033)	0.013 J	0.013 J
	6-15	5/16/2007	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	15-18	5/16/2007	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
SB-22	0-1	5/16/2007	ND(0.036)	ND(0.036)	0.26	0.26
	1-6	5/16/2007	ND(0.035)	ND(0.035)	0.23	0.23
	6-15	5/16/2007	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	15-18	5/16/2007	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)

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 6-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	SB-12 20-22 05/09/07	SB-12 20-24 05/09/07	SB-13 15-20 05/10/07
Volatile Organics				
Chloromethane		ND(0.0057) [ND(0.0056)]	NA	NA
Iodomethane		ND(0.0057) [ND(0.0056)]	NA	NA
Tetrachloroethene		0.011 [0.0041 J]	NA	NA
Trichloroethene		ND(0.0057) [ND(0.0056)]	NA	NA
Semivolatile Organics				
None Detected		NA	--	--
Furans				
2,3,7,8-TCDF		NA	0.00000039 J [ND(0.00000040)]	ND(0.00000027)
TCDFs (total)		NA	0.00000039 J [ND(0.00000040)]	0.00000042 J
1,2,3,7,8-PeCDF		NA	ND(0.00000048) [ND(0.00000046)]	ND(0.00000047)
2,3,4,7,8-PeCDF		NA	ND(0.00000048) [ND(0.00000046)]	ND(0.00000047)
PeCDFs (total)		NA	ND(0.00000048) [ND(0.00000046)]	0.00000048 JQ
1,2,3,4,7,8-HxCDF		NA	0.0000015 J [0.0000011 J]	0.0000013 J
1,2,3,6,7,8-HxCDF		NA	ND(0.00000048) [ND(0.00000046)]	ND(0.00000047)
2,3,4,6,7,8-HxCDF		NA	ND(0.00000048) [ND(0.00000046)]	ND(0.00000047)
HxCDFs (total)		NA	0.0000022 J [0.0000017 J]	0.0000018 J
1,2,3,4,6,7,8-HpCDF		NA	0.0000046 J [0.0000041 J]	0.0000040 J
1,2,3,4,7,8,9-HpCDF		NA	ND(0.00000075) [ND(0.00000075)]	ND(0.00000047)
HpCDFs (total)		NA	0.0000046 J [0.0000041 J]	0.0000040 J
OCDF		NA	0.0000066 J [0.0000063 J]	0.0000048 J
Dioxins				
TCDDs (total)		NA	ND(0.00000055) [ND(0.00000056)]	ND(0.00000033)
PeCDDs (total)		NA	ND(0.00000048) [ND(0.00000046)]	ND(0.00000047)
HxCDDs (total)		NA	ND(0.00000057) [ND(0.00000053)]	ND(0.00000047)
1,2,3,4,6,7,8-HpCDD		NA	ND(0.00000079) [ND(0.00000095)]	ND(0.00000053)
HpCDDs (total)		NA	ND(0.00000079) [ND(0.00000095)]	ND(0.00000053)
OCDD		NA	0.0000018 J [0.0000024 J]	0.0000023 J
Total TEQs (WHO TEFs)		NA	0.0000010 [0.00000097]	0.00000086
Inorganics				
Antimony		NA	0.653 B [ND(4.17)]	0.560 B
Arsenic		NA	6.73 [6.19]	7.37
Barium		NA	22.0 [19.1]	28.8
Beryllium		NA	0.373 B [0.103 B]	0.632 B
Cadmium		NA	0.538 B [0.379 B]	0.578 B
Chromium		NA	8.16 [7.00]	10.7
Cobalt		NA	7.28 [6.53]	9.01
Copper		NA	17.4 [14.0]	19.8
Lead		NA	8.13 [7.17]	9.28
Mercury		NA	ND(0.0205) [ND(0.0198)]	ND(0.0212)
Nickel		NA	14.4 [12.3]	18.2
Silver		NA	ND(1.12) [ND(1.04)]	ND(0.987)
Sulfide		NA	ND(5.10) [ND(5.60)]	14.0
Vanadium		NA	7.91 [6.59]	9.60
Zinc		NA	44.5 [38.9]	58.7

TABLE 6-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	SB-13 16-18 05/10/07	SB-15 20-22 05/11/07	SB-15 20-23 05/11/07
Volatile Organics				
Chloromethane		ND(0.0058)	0.091 J	NA
Iodomethane		ND(0.0058)	0.075 J	NA
Tetrachloroethene		0.16	0.91	NA
Trichloroethene		ND(0.0058)	0.028 J	NA
Semivolatile Organics				
None Detected		NA	NA	--
Furans				
2,3,7,8-TCDF		NA	NA	ND(0.00000064)
TCDFs (total)		NA	NA	0.000020
1,2,3,7,8-PeCDF		NA	NA	0.0000021 J
2,3,4,7,8-PeCDF		NA	NA	0.0000059
PeCDFs (total)		NA	NA	0.000054
1,2,3,4,7,8-HxCDF		NA	NA	0.000064
1,2,3,6,7,8-HxCDF		NA	NA	0.000016
2,3,4,6,7,8-HxCDF		NA	NA	0.0000039 J
HxCDFs (total)		NA	NA	0.00014
1,2,3,4,6,7,8-HpCDF		NA	NA	0.00028
1,2,3,4,7,8,9-HpCDF		NA	NA	0.0000051
HpCDFs (total)		NA	NA	0.00030
OCDF		NA	NA	0.00044
Dioxins				
TCDDs (total)		NA	NA	0.0000025
PeCDDs (total)		NA	NA	0.0000047 J
HxCDDs (total)		NA	NA	0.0000059
1,2,3,4,6,7,8-HpCDD		NA	NA	0.0000021 J
HpCDDs (total)		NA	NA	0.0000052
OCDD		NA	NA	0.0000076 J
Total TEQs (WHO TEFs)		NA	NA	0.000015
Inorganics				
Antimony		NA	NA	0.742 B
Arsenic		NA	NA	9.81
Barium		NA	NA	50.2
Beryllium		NA	NA	0.214 B
Cadmium		NA	NA	0.345 B
Chromium		NA	NA	17.9
Cobalt		NA	NA	13.4
Copper		NA	NA	27.3
Lead		NA	NA	13.8
Mercury		NA	NA	0.00480 B
Nickel		NA	NA	27.0
Silver		NA	NA	0.317 B
Sulfide		NA	NA	11.0
Vanadium		NA	NA	15.7
Zinc		NA	NA	88.3

TABLE 6-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2007

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

Notes:

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

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

J - Indicates an estimated value less than the practical quantitation limit (PQL).
Q - Indicates the presence of quantitative interferences.

Inorganics

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

ITEM 7
PLANT AREA
UNKAMET BROOK AREA
(GECD170)
MAY 2007

a. Activities Undertaken/Completed

- Conducted waste characterization sampling of road sweepings near Building 119, soil from road sign installation at GE Plastics, and soils from the Unkamet Brook Area**,** as identified in Table 7-1.

- Received permission from CSX Transportation, Inc. for access to Parcels L11-4-11 and L11-4-12 (owned by CSX) for sampling.*

- 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).*

- Continued flow monitoring activities in Unkamet Brook.*

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted a Modeling Proposal for Unkamet Brook Watershed to EPA (May 17, 2007).

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

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

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

- Conduct supplemental soil sampling at Parcels L11-4-11 and L11-4-12.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Due to a sampling delay caused by a delay in obtaining access to Parcels L11-4-11 and L11-4-12, EPA provided a 70-day extension for the submittal of the Supplement to Pre-Design Investigation Report. This document is now due to EPA on July 30, 2007.

f. Proposed/Approved Work Plan Modifications

None

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

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Building 119 Soil Sampling	119-1	5/7/07	Soil	SGS	PCB, TCLP	5/23/07
GE Plastics	F2858	5/7/07	Soil	SGS	PCB, TCLP	5/23/07
Unkamet Brook Drum Soil Sampling	F3755	5/22/07	Soil	SGS	PCB, TCLP	

TABLE 7-2
PCB DATA RECEIVED DURING MAY 2007

BUILDING 119 SOIL SAMPLING
UNKAMET BROOK AREA
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
119-1	5/7/2007	ND(0.032)	0.039	0.090	0.129

Notes:
1. Sample was collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 7-3 for a summary of TCLP constituents.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

TABLE 7-3
TCLP DATA RECEIVED DURING MAY 2007

BUILDING 119 SOIL SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	119-1 5/7/2007
Volatile Organics		
1,1-Dichloroethene	0.7	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)
2-Butanone	200	ND(0.25)
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	0.0229 B
Barium	100	0.137 B
Cadmium	1	ND(0.100)
Chromium	5	0.0386 B
Lead	5	0.00350 B
Mercury	0.2	ND(0.000570)
Selenium	1	ND(0.200)
Silver	5	ND(0.100)

Notes:
1. Sample was collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 7-2 for a summary of PCBs.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

Data Qualifiers:

Inorganics

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

TABLE 7-4
PCB DATA RECEIVED DURING MAY 2007

GE PLASTICS
UNKAMET BROOK AREA
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
F2858	5/7/2007	ND(0.035)	0.016 J	0.011 J	0.027 J

Notes:
1. Sample was collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. analysis of PCBs and TCLP constituents.
2. Please refer to Table 7-5 for a summary of TCLP constituents.
3. 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 7-5
TCLP DATA RECEIVED DURING MAY 2007

GE PLASTICS
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	F2858 5/7/2007
Volatile Organics		
1,1-Dichloroethene	0.7	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)
2-Butanone	200	ND(0.25)
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	0.00185 B
Barium	100	0.0284 B
Cadmium	1	ND(0.0100)
Chromium	5	0.00667 B
Lead	5	ND(0.0100)
Mercury	0.2	ND(0.000570)
Selenium	1	ND(0.0200)
Silver	5	ND(0.0100)

Notes:
1. Sample was collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 7-4 for a summary of PCBs.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

Data Qualifiers:

Inorganics

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

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

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

a. Activities Undertaken/Completed

Conducted second semi-annual inspection of backfilled/restored areas (May 29, 2007).

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.

- Submit report on May 2007 inspection of backfilled/restored areas.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 9
LYMAN STREET AREA
(GECD430)
MAY 2007

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

a. Activities Undertaken/Completed

- Initiated performance of remediation activities at properties east of Lyman Street.
- Conducted air monitoring for particulates, as identified in Table 9-1.
- Conducted additional sampling of proposed topsoil source for the performance of remediation activities at the properties east of Lyman Street, as identified in Table 9-1.
- Conducted semi-annual inspection of backfilled/restored areas west of Lyman Street (May 29, 2007).

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted EPA-requested information and analytical data for proposed backfill sources for area east of Lyman Street (May 22, 2007).

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

- Continue performance of remediation activities at properties east of Lyman Street.
- Send Conditional Solution notification letters to owners of properties west of Lyman Street.
- Submit report on May 2007 inspection of backfilled/restored areas west of Lyman Street.

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 MAY 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
MTI-Pittsfield Yard TopSoil Re-Sampling	MTI-TOPSOIL-LEAD-C1	5/16/07	Soil	SGS	Lead	5/23/07
Ambient Air Particulate Matter Sampling	LY-2A	5/14/07	Air	Berkshire Environmental	Particulate Matter	5/21/07
Ambient Air Particulate Matter Sampling	LY-3	5/14/07	Air	Berkshire Environmental	Particulate Matter	5/21/07
Ambient Air Particulate Matter Sampling	LY-4	5/14/07	Air	Berkshire Environmental	Particulate Matter	5/21/07
Ambient Air Particulate Matter Sampling	Background Location	5/14/07	Air	Berkshire Environmental	Particulate Matter	5/21/07
Ambient Air Particulate Matter Sampling	LY-2A	5/15/07	Air	Berkshire Environmental	Particulate Matter	5/21/07
Ambient Air Particulate Matter Sampling	LY-3	5/15/07	Air	Berkshire Environmental	Particulate Matter	5/21/07
Ambient Air Particulate Matter Sampling	LY-4	5/15/07	Air	Berkshire Environmental	Particulate Matter	5/21/07
Ambient Air Particulate Matter Sampling	Background Location	5/15/07	Air	Berkshire Environmental	Particulate Matter	5/21/07
Ambient Air Particulate Matter Sampling	LY-2A	5/16/07	Air	Berkshire Environmental	Particulate Matter	5/21/07
Ambient Air Particulate Matter Sampling	LY-4	5/16/07	Air	Berkshire Environmental	Particulate Matter	5/21/07
Ambient Air Particulate Matter Sampling	Background Location	5/16/07	Air	Berkshire Environmental	Particulate Matter	5/21/07
Ambient Air Particulate Matter Sampling	LY-2A	5/17/07	Air	Berkshire Environmental	Particulate Matter	5/21/07
Ambient Air Particulate Matter Sampling	LY-3	5/17/07	Air	Berkshire Environmental	Particulate Matter	5/21/07
Ambient Air Particulate Matter Sampling	LY-4	5/17/07	Air	Berkshire Environmental	Particulate Matter	5/21/07
Ambient Air Particulate Matter Sampling	Background Location	5/17/07	Air	Berkshire Environmental	Particulate Matter	5/21/07
Ambient Air Particulate Matter Sampling	LY-2A	5/18/07	Air	Berkshire Environmental	Particulate Matter	5/21/07
Ambient Air Particulate Matter Sampling	LY-3	5/18/07	Air	Berkshire Environmental	Particulate Matter	5/21/07
Ambient Air Particulate Matter Sampling	LY-4	5/18/07	Air	Berkshire Environmental	Particulate Matter	5/21/07
Ambient Air Particulate Matter Sampling	Background Location	5/18/07	Air	Berkshire Environmental	Particulate Matter	5/21/07
Ambient Air Particulate Matter Sampling	LY-2A	5/21/07	Air	Berkshire Environmental	Particulate Matter	5/29/07
Ambient Air Particulate Matter Sampling	LY-3	5/21/07	Air	Berkshire Environmental	Particulate Matter	5/29/07
Ambient Air Particulate Matter Sampling	LY-4	5/21/07	Air	Berkshire Environmental	Particulate Matter	5/29/07
Ambient Air Particulate Matter Sampling	Background Location	5/21/07	Air	Berkshire Environmental	Particulate Matter	5/29/07
Ambient Air Particulate Matter Sampling	LY-2A	5/22/07	Air	Berkshire Environmental	Particulate Matter	5/29/07
Ambient Air Particulate Matter Sampling	LY-3	5/22/07	Air	Berkshire Environmental	Particulate Matter	5/29/07
Ambient Air Particulate Matter Sampling	LY-4	5/22/07	Air	Berkshire Environmental	Particulate Matter	5/29/07
Ambient Air Particulate Matter Sampling	Background Location	5/22/07	Air	Berkshire Environmental	Particulate Matter	5/29/07
Ambient Air Particulate Matter Sampling	LY-2A	5/23/07	Air	Berkshire Environmental	Particulate Matter	5/29/07
Ambient Air Particulate Matter Sampling	LY-3	5/23/07	Air	Berkshire Environmental	Particulate Matter	5/29/07
Ambient Air Particulate Matter Sampling	LY-4	5/23/07	Air	Berkshire Environmental	Particulate Matter	5/29/07
Ambient Air Particulate Matter Sampling	Background Location	5/23/07	Air	Berkshire Environmental	Particulate Matter	5/29/07
Ambient Air Particulate Matter Sampling	LY-2A	5/24/07	Air	Berkshire Environmental	Particulate Matter	5/29/07
Ambient Air Particulate Matter Sampling	LY-3	5/24/07	Air	Berkshire Environmental	Particulate Matter	5/29/07
Ambient Air Particulate Matter Sampling	LY-4	5/24/07	Air	Berkshire Environmental	Particulate Matter	5/29/07
Ambient Air Particulate Matter Sampling	Background Location	5/24/07	Air	Berkshire Environmental	Particulate Matter	5/29/07

TABLE 9-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 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
Ambient Air Particulate Matter Sampling	LY-2A	5/25/07	Air	Berkshire Environmental	Particulate Matter	5/29/07
Ambient Air Particulate Matter Sampling	LY-3	5/25/07	Air	Berkshire Environmental	Particulate Matter	5/29/07
Ambient Air Particulate Matter Sampling	LY-4	5/25/07	Air	Berkshire Environmental	Particulate Matter	5/29/07
Ambient Air Particulate Matter Sampling	Background Location	5/25/07	Air	Berkshire Environmental	Particulate Matter	5/29/07
Ambient Air Particulate Matter Sampling	LY-2A	5/29/07	Air	Berkshire Environmental	Particulate Matter	6/1/07
Ambient Air Particulate Matter Sampling	LY-3	5/29/07	Air	Berkshire Environmental	Particulate Matter	6/1/07
Ambient Air Particulate Matter Sampling	LY-4	5/29/07	Air	Berkshire Environmental	Particulate Matter	6/1/07
Ambient Air Particulate Matter Sampling	Background Location	5/29/07	Air	Berkshire Environmental	Particulate Matter	6/1/07
Ambient Air Particulate Matter Sampling	LY-2A	5/30/07	Air	Berkshire Environmental	Particulate Matter	6/1/07
Ambient Air Particulate Matter Sampling	LY-3	5/30/07	Air	Berkshire Environmental	Particulate Matter	6/1/07
Ambient Air Particulate Matter Sampling	LY-4	5/30/07	Air	Berkshire Environmental	Particulate Matter	6/1/07
Ambient Air Particulate Matter Sampling	Background Location	5/30/07	Air	Berkshire Environmental	Particulate Matter	6/1/07
Ambient Air Particulate Matter Sampling	LY-2A	5/31/07	Air	Berkshire Environmental	Particulate Matter	6/1/07
Ambient Air Particulate Matter Sampling	LY-3	5/31/07	Air	Berkshire Environmental	Particulate Matter	6/1/07
Ambient Air Particulate Matter Sampling	LY-4	5/31/07	Air	Berkshire Environmental	Particulate Matter	6/1/07
Ambient Air Particulate Matter Sampling	Background Location	5/31/07	Air	Berkshire Environmental	Particulate Matter	6/1/07

TABLE 9-2
DATA RECEIVED DURING MAY 2007

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

Parameter / Sample ID: / Date Collected:	MTI-Topsoil-Lead-C1 05/16/07
Inorganics	
Lead	22.4

Note:

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

TABLE 9-3
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING MAY 2007[1]

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

Sampling Date[2]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
5/14/07	LY-2A	0.007*	0.007*	10:15	
	LY-3	0.005*		4:00[3]	
	LY-4	0.007*		11:00	WSW
5/15/07	LY-2A	0.015*	0.015*	10:30	
	LY-3	0.003*		8:00[3]	
	LY-4	0.016*		10:15	WSW
5/16/07	LY-2A	0.055*	0.058*	10:30	
	LY-3	NA[4]		NA[4]	
	LY-4	0.058*		10:15	WSW, SSW
5/17/07	LY-2A	0.001*	0.027**	10:30	
	LY-3	0.001*		10:30	
	LY-4	0.002*		11:00	Variable
5/18/07	LY-2A	0.007*	0.023**	11:00	
	LY-3	0.005*		10:45	
	LY-4	0.006*		10:45	Variable
5/21/07	LY-2A	0.004*	0.020**	10:30	
	LY-3	0.003*		10:30	
	LY-4	0.005*		11:00	Variable
5/22/07	LY-2A	0.006*	0.027**	10:15	
	LY-3	0.004*		10:15	
	LY-4	0.007*		10:45	Calm
5/23/07	LY-2A	0.013*	0.041**	10:45	
	LY-3	0.008*		10:45	
	LY-4	0.015*		11:00	SSW
5/24/07	LY-2A	0.024*	0.012**	10:30	
	LY-3	0.014*		10:30	
	LY-4	0.025*		10:30	WNW
5/25/07	LY-2A	0.042*	0.017**	11:00	
	LY-3	0.029*		11:00	
	LY-4	0.044*		11:00	Variable
5/29/07	LY-2A	0.006*	0.032**	10:15	
	LY-3	0.003*		10:00	
	LY-4	0.006*		10:30	NNW, WNW
5/30/07	LY-2A	0.009*	0.026**	11:00	
	LY-3	0.006*		11:15	
	LY-4	0.010*		11:30	Variable

TABLE 9-3
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING MAY 2007[1]

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

Sampling Date[2]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
5/31/07	LY-2A	0.027*	0.050**	11:00	
	LY-3	0.017*		11:00	
	LY-4	0.026*		11:15	Calm
Notification Level		0.120			

Notes:
* Measured with DR-2000 or DR-4000.
** Measured with EBAM.
NA - Not Available
Background monitoring station is located east of Building 9B, between 9B and New York Avenue.
Predominant wind direction determined using hourly wind direction data from the Pittsfield Municipal Airport Weather Station.
[1] Monitoring was performed only on days when site activities occurred.
[2] The particulate monitors obtain real-time data. The sampling data were obtained by BEC on the sampling date.
[3] Sampling period was shortened due to instrument malfunction (dead battery).
[4] Sampling data are not available due to instrument failure.

ITEM 10
NEWELL STREET AREA I
(GECD440)
MAY 2007

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted draft Final Completion Report to EPA (May 11, 2007).

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

Conduct semi-annual inspection of engineered barriers.

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)
MAY 2007

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

a. Activities Undertaken/Completed

- Continued shipments of soil excavated from Parcel J9-23-8 to the Port Arthur disposal facility.
- Conducted semi-annual inspection of engineered barriers and backfilled/restored areas (May 23, 2007).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Continue shipments of soil excavated from Parcel J9-23-8 to the Port Arthur disposal facility.
- Send Conditional Solution notification letters to owners of properties where Conditional Solutions have been implemented.
- Submit report on May 2007 inspection of engineered barriers and backfilled/restored areas.
- Submit Completion of Installation of Restoration Work Report to Lead Administrative Trustee.
- Conduct inspection of plantings and bluebird box installed as part of natural resource restoration/enhancement activities.
- Continue preparation of draft Final Completion Report and submit draft to EPA.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

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

a. Activities Undertaken/Completed

Performed second semi-annual inspection of backfilled/restored areas (May 29, 2007).

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.

- Submit report on May 2007 inspection of backfilled/restored areas.

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)
MAY 2007

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

a. Activities Undertaken/Completed

Completed collection of sediment cores from 39 locations within restored sediments, as described in the Upper ½-Mile Reach Work Plan and modified by recent discussions with EPA related to the Rest of River investigations and modeling (May 24 and 25, 2007). Samples were submitted to Northeast Analytical for analysis of PCBs and total organic carbon (TOC).

b. Sampling/Test Results Received

See attached table.

c. Work Plans/Reports/Documents Submitted

None

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

Prepare and distribute Request for Proposal for bank soil removal and armor stone placement activities anticipated to be performed in summer 2007 to address erosion issues.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

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

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

Project Name	Field Sample ID	Sample Date	Depth (Inches)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Sediment Sampling	RS-C1	5/25/07	0-3	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-C10	5/25/07	0-3	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-C14	5/25/07	0-6	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-C17	5/25/07	0-6	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-C17	5/25/07	6-25	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-C26	5/24/07	0-6	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-C29	5/24/07	0-6	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-C29	5/24/07	6-8	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-C31	5/24/07	0-6	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-C34	5/24/07	0-6	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-C37	5/24/07	0-6	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-C37	5/24/07	6-8	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-C4	5/25/07	0-7	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-C7	5/25/07	0-5	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-DUP-1 (RS-C29)	5/24/07	6-8	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-DUP-2 (RS-S22)	5/24/07	0-6	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-DUP-3 (RS-C7)	5/25/07	0-5	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-N11	5/25/07	0-6	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-N11	5/25/07	6-10	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-N12	5/25/07	0-5	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-N15	5/25/07	0-6	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-N15	5/25/07	6-9	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-N18	5/24/07	0-6	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-N18	5/24/07	6-14	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-N2	5/25/07	0-3	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-N27	5/24/07	0-6	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-N30	5/24/07	0-4	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-N32	5/24/07	0-6	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-N32	5/24/07	6-9	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-N35	5/24/07	0-6	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-N35	5/24/07	6-8	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-N5	5/25/07	0-6	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-N8	5/25/07	0-2	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-S13	5/25/07	0-3	Sediment	NEA	PCB, TOC	

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

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

Project Name	Field Sample ID	Sample Date	Depth (Inches)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Sediment Sampling	RS-S16	5/25/07	0-6	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-S16	5/25/07	6-11	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-S19	5/25/07	0-6	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-S20	5/24/07	0-6	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-S20	5/24/07	6-10	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-S21	5/24/07	0-6	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-S22	5/24/07	0-6	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-S23	5/24/07	0-6	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-S23	5/24/07	6-11	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-S24	5/24/07	0-6	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-S24	5/24/07	6-9	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-S25	5/24/07	0-4	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-S28	5/24/07	0-6	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-S3	5/25/07	0-6	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-S33	5/24/07	0-5	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-S36	5/24/07	0-5	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-S6	5/25/07	0-3	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-S9	5/25/07	0-3	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-XXX	5/24/07	0-6	Sediment	NEA	PCB, TOC	
Sediment Sampling	RS-YYY	5/25/07	0-3	Sediment	NEA	PCB, TOC	

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

ITEM 14
HOUSATONIC RIVER AREA
1½ MILE REACH
(GECD820)
MAY 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, ARCADIS BBL performed a round of water column monitoring at 10 locations along the Housatonic River between Coltsville, MA and Great Barrington, MA on May 30, 2007. Two of these locations are situated in the 1½ Mile Reach: Lyman Street Bridge (Location 4) and Pomeroy Avenue Bridge (Location 6A). A composite grab sample was collected at each location and submitted to Northeast Analytical for analysis of PCBs (total), total suspended solids (TSS), POC, and chlorophyll-a, as identified in Table 14-1. The sample collected at Pomeroy Avenue Bridge was also analyzed for volatile suspended solids (VSS). (The other eight locations are discussed under Items 15 and 20 below.)

- On GE's behalf, ARCADIS BBL performed seven rounds of twice-weekly routine water column sampling at the Pomeroy Avenue Bridge (Location 6A). Samples were submitted to Northeast Analytical for analysis of PCBs (total), TSS, VSS, and POC, as identified in Table 14-1. This effort is in support of the Corrective Measures Study (CMS) modeling for the Rest of River, and is therefore further discussed under Item 15 below.*

- On GE's behalf, ARCADIS BBL collected 12 split samples of EPA sediment samples obtained in the 1½ Mile Reach (May 29 and 31, 2007). Split samples were submitted to Northeast Analytical for analysis of PCBs (total).*

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 water column monitoring.

- Continue routine twice-weekly water column sampling at Pomeroy Avenue Bridge, and conduct storm event water column sampling (depending on conditions) at that location, to collect additional data for CMS-related modeling (see also Item 15 below).*

ITEM 14
(cont'd)
HOUSATONIC RIVER AREA
1½ MILE REACH
(GECD820)
MAY 2007

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 14-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 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	4/26/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	5/15/07
Monthly Water Column Sampling	Location-4	5/30/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling/Pomeroy Ave. Semi-Weekly	Location-6A	5/30/07	Water	NEA	PCB, TSS, VSS, POC, Chlorophyll-A	
Monthly Water Column Sampling/Pomeroy Ave. Semi-Weekly	Location-6A	4/26/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	5/11/07
Pomeroy Ave. Semi-Weekly Water Column Sampling	Loc-6A-0420-1800	4/20/07	Water	NEA	PCB, TSS, POC	5/11/07
Pomeroy Ave. Semi-Weekly Water Column Sampling	Loc-6A-0423-1100	4/23/07	Water	NEA	PCB, TSS, POC	5/11/07
Pomeroy Ave. Semi-Weekly Water Column Sampling	Loc-6A-0501-1800	5/1/07	Water	NEA	PCB, TSS, POC	5/11/07
Pomeroy Ave. Semi-Weekly Water Column Sampling	LOC-6A-0503-1500	5/3/07	Water	NEA	PCB, TSS, POC	5/11/07
Pomeroy Ave. Semi-Weekly Water Column Sampling	LOC-6A-0507-1500	5/7/07	Water	NEA	PCB, TSS, POC	5/17/07
Pomeroy Ave. Semi-Weekly Water Column Sampling	LOC-6A-0510-1100	5/10/07	Water	NEA	PCB, TSS, VSS, POC	5/23/07
Pomeroy Ave. Semi-Weekly Water Column Sampling	LOC-6A-0515-1100	5/15/07	Water	NEA	PCB, TSS, VSS, POC	5/24/07
Pomeroy Ave. Semi-Weekly Water Column Sampling	LOC-6A-0521-1400	5/21/07	Water	NEA	PCB, TSS, VSS, POC	5/31/07
Pomeroy Ave. Semi-Weekly Water Column Sampling	Loc-6A-DUP-1 (Loc-6A-0423-1100)	4/23/07	Water	NEA	PCB, TSS, POC	5/11/07
Split EPA Sediment Sampling	1613	5/29/07	Sediment	NEA	PCB	
Split EPA Sediment Sampling	1614	5/29/07	Sediment	NEA	PCB	
Split EPA Sediment Sampling	1615	5/29/07	Sediment	NEA	PCB	
Split EPA Sediment Sampling	1617	5/29/07	Sediment	NEA	PCB	
Split EPA Sediment Sampling	1619	5/29/07	Sediment	NEA	PCB	
Split EPA Sediment Sampling	1620	5/29/07	Sediment	NEA	PCB	
Split EPA Sediment Sampling	1646	5/31/07	Sediment	NEA	PCB	
Split EPA Sediment Sampling	1647	5/31/07	Sediment	NEA	PCB	
Split EPA Sediment Sampling	1648	5/31/07	Sediment	NEA	PCB	
Split EPA Sediment Sampling	1649	5/31/07	Sediment	NEA	PCB	
Split EPA Sediment Sampling	1651	5/31/07	Sediment	NEA	PCB	
Split EPA Sediment Sampling	1652	5/31/07	Sediment	NEA	PCB	
Storm Event Sampling Location -6A-Pomeroy Avenue	Loc-6A-0417-1500	4/17/07	Water	NEA	PCB, TSS, POC	5/1/07
Storm Event Sampling Location -6A-Pomeroy Avenue	Loc-6A-0417-1900	4/17/07	Water	NEA	PCB, TSS, POC	5/1/07
Storm Event Sampling Location -6A-Pomeroy Avenue	Loc-6A-0417-2300	4/17/07	Water	NEA	PCB, TSS, POC	5/1/07
Storm Event Sampling Location -6A-Pomeroy Avenue	Loc-6A-0418-1000	4/18/07	Water	NEA	PCB, TSS, POC	5/1/07
Storm Event Sampling Location -6A-Pomeroy Avenue	Loc-6A-0418-1600	4/18/07	Water	NEA	PCB, TSS, POC	5/1/07

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

TABLE 14-2
SAMPLE DATA RECEIVED DURING MAY 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	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-4	Lyman Street Bridge	04/26/07	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.25	4.20	0.00071
LOCATION-6A	Pomeroy Ave. Bridge	04/26/07	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.26	3.60	ND(0.00015)

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.

TABLE 14-3
SAMPLE DATA RECEIVED DURING MAY 2007

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

Sample ID	Location	Date Collected	Aroclor-1016 -1221, -1232, -1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS
LOC-6A-0417-1500	Pomeroy Ave. Bridge	04/17/07	ND(0.0000110)	ND(0.0000110)	0.0000310 AF	0.0000150 AG	0.0000460	1.8	45.6
LOC-6A-0417-1900	Pomeroy Ave. Bridge	04/17/07	ND(0.0000110)	ND(0.0000110)	0.0000240 AF	0.0000120 AG	0.0000360	2.1	68.6
LOC-6A-0417-2300	Pomeroy Ave. Bridge	04/17/07	ND(0.0000110)	ND(0.0000110)	0.0000130 AF	ND(0.0000110)	0.0000130	2.0	61.0
LOC-6A-0418-1000	Pomeroy Ave. Bridge	04/18/07	ND(0.0000110)	ND(0.0000110)	0.0000430 AF	0.0000140 AG	0.0000570	1.7	54.7
LOC-6A-0418-1600	Pomeroy Ave. Bridge	04/18/07	ND(0.0000110)	ND(0.0000110)	ND(0.0000110)	ND(0.0000110)	ND(0.0000110)	1.1	26.9

Notes:
1. Samples were collected by ARCADIS BBL, and submitted to Northeast Analytical, Inc. for analysis of unfiltered PCBs, total suspended solids (TSS) and particulate organic carbon (POC).
2. Sampling method involved the collection of grab samples by Depth Integrated DH-76 Sampler at 50 percent of the total river width.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

Data Qualifiers:

AF - Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AG - Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

TABLE 14-4
SAMPLE DATA RECEIVED DURING MAY 2007

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

Sample ID	Location	Date Collected	Aroclor-1016 -1221, -1232, -1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	VSS
LOC-6A-0420-1800	Pomeroy Ave. Bridge	04/20/07	ND(0.0000110)	ND(0.0000110)	ND(0.0000110)	ND(0.0000110)	ND(0.0000110)	0.58	12.4	NA
LOC-6A-0423-1100	Pomeroy Ave. Bridge	04/23/07 04/23/07	ND(0.0000110) [ND(0.0000110)]	ND(0.0000110) [0.0000110 PE]	ND(0.0000110) [ND(0.0000110)]	ND(0.0000110) [ND(0.0000110)]	ND(0.0000110) [0.0000110]	0.44 [0.40]	13.7 [5.70]	NA NA
LOCATION-6A[5]	Pomeroy Ave. Bridge	04/26/07	ND(0.0000110)	ND(0.0000110)	ND(0.0000110)	ND(0.0000110)	ND(0.0000110)	0.26	3.60	NA
LOC-6A-0501-1800	Pomeroy Ave. Bridge	05/01/07	ND(0.0000110)	ND(0.0000110)	ND(0.0000110)	ND(0.0000110)	ND(0.0000110)	0.38	3.00	NA
LOC-6A-0503-1500	Pomeroy Ave. Bridge	05/03/07	ND(0.0000110)	ND(0.0000110)	ND(0.0000110)	ND(0.0000110)	ND(0.0000110)	0.31	3.00	NA
LOC-6A-0507-1500	Pomeroy Ave. Bridge	05/07/07	ND(0.0000110)	ND(0.0000110)	ND(0.0000110)	ND(0.0000110)	ND(0.0000110)	0.21	1.60	NA
LOC-6A-0510-1100	Pomeroy Ave. Bridge	05/10/07	ND(0.0000110)	ND(0.0000110)	ND(0.0000110)	ND(0.0000110)	ND(0.0000110)	0.25	1.20	1.70
LOC-6A-0515-1100	Pomeroy Ave. Bridge	05/15/07	ND(0.00000550)	ND(0.00000550)	ND(0.00000550)	ND(0.00000550)	ND(0.00000550)	0.27	1.70	1.70
LOC-6A-0521-1400	Pomeroy Ave. Bridge	05/21/07	ND(0.00000550)	ND(0.00000550)	0.00000550 AF	ND(0.00000550)	0.00000550	0.55	4.60	ND(1.00)

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 volatile suspended solids (VSS).
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. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
5. Sample collected as part of Housatonic River 1 1/2 Mile Reach Semi-Weekly Water Column Sampling and Housatonic River Monthly Water Column Monitoring Program.
6. Field duplicate sample results are presented in brackets.

Data Qualifiers:

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

ITEM 15
HOUSATONIC RIVER AREA
REST OF THE RIVER
(GECD850)
MAY 2007

a. Activities Undertaken/Completed

- On GE's behalf, ARCADIS BBL performed a round of water column monitoring at 10 locations along the Housatonic River between Coltsville and Great Barrington, MA, on May 30, 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 at these locations on May 30, 2007, from downstream to upstream. Composite grab samples were collected at each location sampled and submitted to Northeast Analytical for analysis of PCBs (total), TSS, POC, and chlorophyll-a, as identified in Table 15-1.

- On GE's behalf, ARCADIS BBL performed seven rounds of routine twice-weekly water column sampling at the Pomeroy Avenue Bridge (Location 6A) to obtain additional data for CMS modeling. The composite grab samples were collected on May 1, May 3, May 7, May 10, May 15, May 21, and May 30, 2007, and were submitted to Northeast Analytical for analysis of PCBs (total), TSS, VSS, and POC, as identified in Table 14-1 (under Item 14 above).*

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

- Met with EPA to discuss issues raised in GE's April 27, 2007 dispute of certain conditions and directives in EPA's April 13, 2007 conditional approval letter for the Corrective Measures Study (CMS) Proposal.*

b. Sampling/Test Results

See attached tables. (Note that the results from storm-event and the twice-weekly water sampling conducted at the Pomeroy Avenue Bridge to obtain data for CMS modeling are provided in Tables 14-3 and 14-4, respectively, under Item 14 above.)

c. Work Plans/Reports/Documents Submitted

- Submitted to EPA a Supplement to the CMS Proposal to address certain conditions and directives set forth in EPA's April 13, 2007 letter regarding the CMS Proposal (May 11, 2007).*

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

c. Work Plans/Reports/Documents Submitted (cont'd)

- Submitted to EPA a technical memorandum describing certain revisions to EPA's PCB fate and transport model code that GE proposes to make in using that model in the CMS, along with the revised code itself (May 14, 2007).*

- Sent letter to EPA dated May 16, 2007, confirming EPA's and GE's agreement to extend the initial 14-day period for informal discussions in the dispute resolution proceeding regarding EPA's April 13, 2007 conditional approval letter for the CMS Proposal until May 18, 2007.*

- In response to EPA's letter of May 22, 2007 (described in Item 15.f below) regarding the dispute resolution proceeding, GE sent EPA a letter dated May 23, 2007, stating that, based on review of that letter and the changes to the disputed conditions, GE would not proceed further at this time with the dispute resolution proceeding that it initiated on April 27, 2007, but noting that GE reserved all its future rights regarding these or any other conditions in EPA's April 13, 2007 letter.*

- Submitted an Addendum to the Supplement to the CMS Proposal, containing a revised Table 5-1 for the CMS Proposal (May 31, 2007).*

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

- Continue Housatonic River monthly water column monitoring.

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

- Develop and submit work plan for treatability study of chemical extraction as part of CMS.*

- Continue routine twice-weekly water column sampling at Pomeroy Avenue Bridge (Location 6A), and conduct storm event water column sampling (depending on conditions) at that location, to collect additional data for CMS-related modeling.*

- Review sediment and water column PCB data collected from the East Branch of the Housatonic River to assess potential East Branch PCB boundary conditions for the CMS-related modeling.

- Meet with EPA to discuss EPA's comments in its May 24, 2007 conditional approval letter for the Model Input Addendum to the CMS Proposal (see Item 15.f below)

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

A number of issues relating to the CMS are under discussion with EPA.

f. Proposed/Approved Work Plan Modifications

- Received a letter from EPA dated May 22, 2007, stating that, in light of discussions between EPA and GE, EPA was making a number of changes to the disputed conditions in its April 13, 2007 conditional approval letter for the CMS Proposal, based upon the understanding that GE will not go forward with the dispute resolution proceeding initiated on April 27, 2007.*

- Received a letter from EPA dated May 24, 2007, providing conditional approval of GE's Model Input Addendum (MIA) to the CMS Proposal, which GE submitted on April 16, 2007.*

- Received notice from Weston Solutions (on behalf of EPA) on May 31, 2007, that EPA's sediment sampling of the 1½ Mile Reach was completed on May 31, 2007. Under EPA's conditional approval letter for the MIA, this means that GE's future deliverable (mentioned in the MIA) summarizing the supplemental sampling described in the MIA and proposing current and future PCB boundary condition values for the East Branch of the River is due on July 30, 2007.

TABLE 15-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 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)	4/26/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	5/15/07
Monthly Water Column Sampling	HR-D1 (Location-12)	5/30/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-1	5/30/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-1	4/26/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	5/15/07
Monthly Water Column Sampling	Location-2	4/26/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	5/15/07
Monthly Water Column Sampling	Location-2	5/30/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-7	4/26/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	5/15/07
Monthly Water Column Sampling	Location-7	5/30/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-9	5/30/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-9	4/26/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	5/15/07
Monthly Water Column Sampling	Location-10	5/30/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-10	4/26/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	5/15/07
Monthly Water Column Sampling	Location-12	5/30/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-12	4/26/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	5/15/07
Monthly Water Column Sampling	Location-13	4/26/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	5/15/07
Monthly Water Column Sampling	Location-13	5/30/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	

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

TABLE 15-2
SAMPLE DATA RECEIVED DURING MAY 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	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-1	Hubbard Avenue Bridge	04/26/07	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.18	1.90	0.00060
LOCATION-2	Newell Street Bridge	04/26/07	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.28	4.40	0.00044
LOCATION-7	Holmes Road Bridge	04/26/07	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.29	3.20	0.00095
LOCATION-9	New Lenox Road Bridge	04/26/07	ND(0.0000220)	0.0000320 PE	0.0000250 AF	0.0000380 AG	0.0000950	0.39	4.50	0.00029
LOCATION-10	Headwaters of Woods Pond	04/26/07	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.0000380 AG	0.0000380	0.23	3.50	0.0012
LOCATION-12	Schweitzer Bridge	04/26/07 04/26/07	ND(0.0000220) [ND(0.0000220)]	0.0000240 PE [ND(0.000022)]	0.0000270 AF [0.0000300 AF]	0.0000320 AG [0.0000410 AG]	0.0000830 [0.0000710]	0.20 [0.23]	2.70 [3.15]	0.00075 [0.0013]
LOCATION-13	Division Street Bridge	04/26/07	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.0000230 AG	0.0000230	0.36	7.60	0.0013

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

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

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

a. Activities Undertaken/Completed

- Selected a Remediation Contractor to conduct soil removal actions at certain Phase 2 floodplain properties.

- Submitted a Supplemental Information Package for the Phase 2 floodplain properties at which remediation will be conducted (May 29, 2007).

- Conducted soil sampling of Phase 2 floodplain soils for Toxicity Characteristic Leaching Procedure (TCLP) constituents, as identified in Table 16&17-1.

- Conducted semi-annual inspections of backfilled/restored areas at Phase 3 and Phase 4 floodplain properties (May 23, 2007).

b. Sampling/Test Results Received

See attached table.

c. Work Plans/Reports/Documents Submitted

None

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

Submit report on May 2007 inspections of backfilled/restored areas at Phase 3 and Phase 4 floodplain properties.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 16&17-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2007

FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Phase 2 Floodplain Soil Sampling	WC-1	5/23/07	Soil	SGS	TCLP - VOC, SVOC, Metals, Pest, Herb	
Phase 2 Floodplain Soil Sampling	WC-2	5/23/07	Soil	SGS	TCLP - VOC, SVOC, Metals, Pest, Herb	
Phase 2 Floodplain Soil Sampling	WC-3	5/23/07	Soil	SGS	TCLP - VOC, SVOC, Metals, Pest, Herb	
Phase 2 Floodplain Soil Sampling	WC-4	5/23/07	Soil	SGS	TCLP - VOC, SVOC, Metals, Pest, Herb	

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

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

a. Activities Undertaken/Completed

- Performed additional soil sampling at certain properties and areas, as conditionally approved by EPA via electronic mail on April 27, 2007 and identified in Table 20-1 (May 1 and 4, 2007).

- Conducted waste characterization sampling of soils from Silver Lake Area (in drums), as identified in Table 20-1.

- Collected monthly water column sample from the Silver Lake Outfall (May 30, 2007).

- Performed lake bottom bathymetric mapping activities related to Silver Lake Pilot Study (May 30 and 31, 2007).

- Collected weekly flow measurements at the Silver Lake Outfall.

- Sent letters to the owners of several properties adjacent to Silver Lake describing their option between EREs and Conditional Solutions and offering the compensation required by the CD for EREs.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted Proposed Soil Sampling Plan Related to Stained Materials in Silver Lake Bank Soils Adjacent to Sediment Pilot Study Area (May 10, 2007).

- Submitted, via electronic mail, preliminary analytical soil data from locations sampled in May to EPA, along with a determination that there was no need to release any samples being held at the laboratory (May 17, 2007).

- Submitted the Conceptual RD/RA Work Plan for Soils Adjacent to Silver Lake (May 25, 2007).

ITEM 20
(cont'd)
OTHER AREAS
SILVER LAKE AREA
(GECD600)
MAY 2007

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

- Collect second round of Pilot Study sediment cap isolation layer samples (anticipated June 11, 2007).

- Continue discussions with certain property owners regarding EREs.

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 MAY 2007

SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Additional PDI Soil Sampling	I9-10-8-SB-16-E	5/1/07	0-1	Soil	SGS	Lead	5/7/07
Additional PDI Soil Sampling	I9-10-8-SB-16-E	5/1/07	1-3	Soil	SGS	Lead	5/7/07
Additional PDI Soil Sampling	I9-10-8-SB-16-E	5/1/07	3-5	Soil	SGS	Lead	5/7/07
Additional PDI Soil Sampling	I9-10-8-SB-16-E	5/1/07	5-7	Soil	SGS	Lead	See note 2
Additional PDI Soil Sampling	I9-10-8-SB-16-E-1	5/1/07	0-1	Soil	SGS	Lead	See note 2
Additional PDI Soil Sampling	I9-10-8-SB-16-E-1	5/1/07	1-3	Soil	SGS	Lead	See note 2
Additional PDI Soil Sampling	I9-10-8-SB-16-E-1	5/1/07	3-5	Soil	SGS	Lead	See note 2
Additional PDI Soil Sampling	I9-10-8-SB-16-E-1	5/1/07	5-7	Soil	SGS	Lead	See note 2
Additional PDI Soil Sampling	RA-3-SB-3	5/4/07	1-3	Soil	SGS	Lead	5/7/07
Additional PDI Soil Sampling	RA-3-SB-4-S	5/1/07	0-1	Soil	SGS	PCB	5/7/07
Additional PDI Soil Sampling	RA-3-SB-4-S	5/1/07	1-3	Soil	SGS	PCB	5/7/07
Additional PDI Soil Sampling	RA-3-SB-5-N	5/1/07	0-1	Soil	SGS	PCB	5/7/07
Additional PDI Soil Sampling	RA-3-SB-5-N	5/1/07	1-3	Soil	SGS	PCB	5/7/07
Additional PDI Soil Sampling	RA-3-SB-6-S	5/1/07	1-3	Soil	SGS	PCB	5/7/07
Additional PDI Soil Sampling	RA-3-SB-6-S	5/1/07	0-1	Soil	SGS	PCB, Lead	5/7/07
Additional PDI Soil Sampling	RA-3-SB-7-N	5/1/07	0-1	Soil	SGS	PCB	5/7/07
Additional PDI Soil Sampling	RA-3-SB-7-N	5/1/07	1-3	Soil	SGS	PCB	5/7/07
Additional PDI Soil Sampling	RA-3-SB-8-S	5/1/07	0-1	Soil	SGS	PCB	5/7/07
Additional PDI Soil Sampling	RA-3-SB-8-S	5/1/07	1-3	Soil	SGS	PCB, Lead	5/7/07
Additional PDI Soil Sampling	SL-5-07-DUP-1 (I9-10-8-SB-16-E)	5/1/07	0-1	Soil	SGS	Lead	5/7/07
Additional PDI Soil Sampling	SL-5-07-DUP-2 (RA-3-SB-5-N)	5/1/07	1-3	Soil	SGS	PCB	5/7/07
Monthly Water Column Sampling	Location-4A	4/26/07	NA	Water	NEA	PCB, TSS	5/10/07
Monthly Water Column Sampling	Location-4A	5/30/07	NA	Water	NEA	PCB, TSS	
Silver Lake Drum Soil Sampling	F3151	5/7/07	NA	Soil	SGS	PCB, TCLP	5/23/07
Silver Lake Drum Soil Sampling	F3758	5/7/07	NA	Soil	SGS	PCB, TCLP	5/23/07

Notes:

1. Field duplicate parent sample locations are presented in parenthesis.
2. These samples were initially held for potential analysis, but such analysis was determined not to be necessary and thus the samples were not analyzed.

TABLE 20-2
PCB DATA RECEIVED DURING MAY 2007

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

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RA-3-SB-4-S	0-1	5/1/2007	ND(0.041)	0.51	0.42	0.93
	1-3	5/1/2007	ND(21)	96	30	126
RA-3-SB-5-N	0-1	5/1/2007	ND(0.036)	0.12	0.054	0.174
	1-3	5/1/2007	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]
RA-3-SB-6-S	0-1	5/1/2007	ND(450)	610	ND(450)	610
	1-3	5/1/2007	ND(180)	430	ND(180)	430
RA-3-SB-7-N	0-1	5/1/2007	ND(0.040)	0.054	0.022 J	0.076
	1-3	5/1/2007	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RA-3-SB-8-S	0-1	5/1/2007	ND(4.4)	ND(4.4)	20	20
	1-3	5/1/2007	ND(46)	ND(46)	210	210

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 20-3
DATA RECEIVED DURING MAY 2007

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	I9-10-8-SB-16-E 0-1 05/01/07	I9-10-8-SB-16-E 1-3 05/01/07	I9-10-8-SB-16-E 3-5 05/01/07	RA-3-SB-3 1-3 05/04/07	RA-3-SB-6-S 0-1 05/01/07	RA-3-SB-8-S 1-3 05/01/07
Inorganics							
Lead		680 [671]	762	219	412	401	1050

Notes:
1. Samples were collected by ARCADIS BBL, and submitted to SGS Environmental Services, Inc. for analysis of lead.
2. Field duplicate sample results are presented in brackets.

TABLE 20-4
SAMPLE DATA RECEIVED DURING MAY 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, -1242	Aroclor 1221	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	TSS
LOCATION-4A	Silver Lake Outlet	4/26/2007	ND(0.0000220)	0.000110 PB	0.0000630 PE	0.0000260 AF	0.0000240 AG	0.000223	4.10

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:

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

TABLE 20-5
PCB DATA RECEIVED DURING MAY 2007

DRUM SOIL SAMPLING
SILVER LAKE AREA
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
F3151	5/7/2007	ND(0.037)	0.14	0.071	0.211
F3758	5/7/2007	ND(3.4)	21	48	69

Notes:

1. Samples were collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 20-6 for a summary of TCLP constituents.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

TABLE 20-6
TCLP DATA RECEIVED DURING MAY 2007

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

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	F3151 5/7/2007	F3758 5/7/2007
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	0.0200	0.00135 B
Barium	100	0.0177 B	0.0300 B
Cadmium	1	0.000430 B	ND(0.0100)
Chromium	5	0.00685 B	0.00646 B
Lead	5	0.00274 B	0.00186 B
Mercury	0.2	ND(0.000570)	ND(0.000570)
Selenium	1	ND(0.0200)	ND(0.0200)
Silver	5	ND(0.0100)	ND(0.0100)

Notes:
1. Samples were collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 20-5 for a summary of PCBs.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

Data Qualifiers:

Inorganics

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

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

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

a. Activities Undertaken/Completed

General:

- Conducted routine groundwater elevation and NAPL monitoring activities.

East Street Area 1-North and South:

- Continued automated groundwater and NAPL pumping at North Side and South Side Caissons. Approximately 0.3 gallon of LNAPL was recovered from the North Side Caisson in May. Approximately 1.2 gallons of LNAPL were recovered from the South Side Caisson in May.

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

East Street Area 2-South:

- Continued automated groundwater and LNAPL removal activities. A total of approximately 7,251,097 gallons of groundwater was recovered from pumping systems 64R, 64S, 64V, 64X, RW-1(S), RW-1(X), and RW-2(X). In addition, approximately 2,199 gallons of LNAPL were removed from pumping systems 64R, 64V, GMA1-17W, RW-1(S), RW-1(X), 64X, and 64S Caisson.

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

- Continued routine well monitoring and manual NAPL removal activities. Approximately 11.870 liters (3.132 gallons) of LNAPL were removed from wells in this area during May. Approximately 2.579 liters (0.680 gallon) of DNAPL were removed from wells in this area during May.

- Treated/discharged 5,995,894 gallons of water through 64G Groundwater Treatment Facility.

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

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

20s, 30s, and 40s Complexes:

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

Lyman Street Area:

- Continued automated groundwater and NAPL removal activities. A total of approximately 279,466 gallons of groundwater was recovered from pumping systems RW-1R, RW-2, and RW-3. Approximately 10 gallons of LNAPL were removed from the automated recovery systems during May.

- Continued routine well monitoring and NAPL removal activities. No LNAPL was removed from wells in this area during May. Approximately 1.142 liters (0.301 gallon) of DNAPL were removed from wells in this area during May.

Newell Street Area II:

- Continued automated DNAPL removal activities. A total of approximately 175.5 gallons of DNAPL was removed by System 2 in May.

- Continued routine well monitoring and NAPL removal activities. No LNAPL was recovered from this area during May. Approximately 0.494 liter (0.130 gallon) of DNAPL was recovered from this area during May.

Silver Lake Area:

- Continued routine monitoring of lake level.

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

b. Sampling/Test Results Received

- See attached tables.

- Preliminary analytical results received in May 2007 from the Spring 2007 GMA 1 supplemental groundwater quality monitoring activities are shown in Table 21-2. These activities involved sampling of groundwater from two wells (LSSC-8S and LSSC-18) for PCBs in filtered form. PCBs were not detected in either of those filtered samples.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine groundwater and NAPL monitoring/recovery activities.

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

- Decommission Lyman Street well RW-1.

- Prepare letter report on groundwater elevation monitoring of Newell Street Area II (due to EPA by June 30, 2007).

- Prepare Addendum to NAPL Monitoring Report for Fall 2006, as directed by EPA in its conditional approval letter for the Fall 2006 NAPL Monitoring Report (see Item 21.f below) (due to EPA by July 23, 2007).

- Initiate preparation of Supplemental Groundwater Quality Report for Spring 2007 (due to EPA by July 31, 2007).

- Prepare and circulate RFP and schedule installation of new recovery system (well RW-4) 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)
MAY 2007

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.

- Installation of new recovery system (well RW-4) in former scrapyard portion of East Street Area 2-South will include re-design of existing piping system to Building 64G treatment system. Because of this, well installation and the start of recovery operations are anticipated to occur in summer 2007.

f. Proposed/Approved Work Plan Modifications

Received EPA conditional approval of GE's February 27, 2007 Plant Site 1 Groundwater Management Area NAPL Monitoring Report for Fall 2006 (May 22, 2007).

TABLE 21-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 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
Semi-Annual Groundwater Sampling	LSSC-08S	4/17/07	Water	SGS	PCB (f)	5/2/07
Semi-Annual Groundwater Sampling	LSSC-18	4/17/07	Water	SGS	PCB (f)	5/2/07

TABLE 21-2
DATA RECEIVED DURING MAY 2007

SEMI-ANNUAL GROUNDWATER SAMPLING
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	LSSC-08S 04/17/07	LSSC-18 04/17/07
PCBs-Filtered		
None Detected	--	--

Notes:

1. Samples were collected by ARCADIS BBL, and submitted to SGS Environmental Services, Inc. for analysis of PCBs (filtered).
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
3. Only those constituents detected in one or more samples are summarized.
4. -- Indicates that all constituents for the parameter group were not detected.

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
May 2007

Caisson	Month	Vol. LNAPL Collected (gallon)	Vol. Water Recovered (gallon)	Percent Downtime
Northside	May 2006	0.0	20,500	
	June 2006	0.0	51,700	
	July 2006	0.0	18,500	
	August 2006	0.0	21,700	
	September 2006	0.0	13,000	0.89
	October 2006	0.0	17,000	
	November 2006	1.1	26,700	
	December 2006	0.0	13,700	
	January 2007	0.0	24,800	
	February 2007	0.0	16,000	
	March 2007	0.6	10,400	23.33
	April 2007	0.6	4,775	7.41
	May 2007	0.3	31,002	
Southside	May 2006	12.0	73,500	
	June 2006	0.0	160,900	
	July 2006	0.0	58,900	
	August 2006	0.0	84,900	
	September 2006	25.0	59,400	0.89
	October 2006	1.0	55,800	
	November 2006	1.1	92,200	
	December 2006	0.6	64,400	
	January 2007	0.0	87,400	
	February 2007	0.4	57,700	
	March 2007	1.6	50,700	6.67
	April 2007	1.1	52,570	
	May 2007	1.2	62,720	

Note:

1. New flow meters were installed at both caissons during April 2007.

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

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	May 2007 Removal (liters)
72	5/22/2007	5.92	5.91	0.01	0.006	0.006

Total Manual LNAPL Removal for May 2007: 0.006 liters
0.002 gallons

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

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 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	5/3/07	16.65	16.64	0.01	---	19.80	0.00	981.20
North Caisson	997.84	5/9/07	17.23	17.22	0.01	---	19.80	0.00	980.62
North Caisson	997.84	5/15/07	18.21	18.20	0.01	---	19.80	0.00	979.64
North Caisson	997.84	5/22/07	19.00	18.99	0.01	---	19.80	0.00	978.85
North Caisson	997.84	5/30/07	17.32	17.31	0.01	---	19.80	0.00	980.53
GMA 1 - East Street Area 1 - South									
31R	1,000.23	5/22/07	9.00	---	0.00	---	15.05	0.00	991.23
33	999.50	5/22/07	Vehicle parked over well			---	---	0.00	NA
34	999.90	5/22/07	5.11	---	0.00	---	21.02	0.00	994.79
72	1000.62	5/22/07	5.92	5.91	0.01	---	21.98	0.00	994.71
72R	1000.92	5/22/07	5.95	---	0.00	---	13.30	0.00	994.97
South Caisson	1001.11	5/3/07	10.20	P	< 0.01	---	15.00	0.00	990.91
South Caisson	1001.11	5/9/07	9.12	9.11	0.01	---	15.00	0.00	992.00
South Caisson	1001.11	5/15/07	8.80	8.79	0.01	---	15.00	0.00	992.32
South Caisson	1001.11	5/22/07	8.50	8.49	0.01	---	15.00	0.00	992.62
South Caisson	1001.11	5/30/07	12.90	12.89	0.01	---	15.00	0.00	988.22

Notes:

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

TABLE 21-6
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
17W	October 2006	21		
	November 2006	24		
	December 2006	13		
	January 2007	8		
	February 2007	6		
	March 2007	6		
	April 2007	2		
	May 2007	6		
64R	May 2006	75	435,398	
	June 2006	550	720,359	
	July 2006	250	345,697	
	August 2006	25	38,948	
	September 2006	75	4,627	0.89
	October 2006	0	16,844	0.15
	November 2006	13	211,062	
	December 2006	19	85,911	
	January 2007	50	225,994	
	February 2007	6	56,097	
	March 2007	6	110,548	
	April 2007	69	954,730	
	May 2007	419	1,268,754	0.49
64S System	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	372	856,752	2.46
	February 2007	376	584,460	10.71
	March 2007	90	699,541	
	April 2007	189	1,020,240	
	May 2007	265	1,615,013	0.74
64V [1]	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	680	1,131,400	
	February 2007	365	831,700	
	March 2007	357	981,000	
	April 2007	133	664,100	31.48
	May 2007	1,480	1,325,500	0.49

TABLE 21-6
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64X	May 2006	83	403,200	
	June 2006	14	518,400	
	July 2006	28	388,800	
	August 2006	127	504,000	
	September 2006	24	403,200	0.89
	October 2006	68	403,200	0.15
	November 2006	14	489,600	
	December 2006	15	446,400	
	January 2007	25	475,200	
	February 2007	3	403,200	
	March 2007	23	432,000	
	April 2007	12	388,800	12.35
	May 2007	7	489,600	0.49
RW-2(X)	May 2006	0	652,543	
	June 2006	0	1,463,805	
	July 2006	0	1,076,551	
	August 2006	0	1,146,830	
	September 2006	1	546,233	0.89
	October 2006	0	574,780	0.15
	November 2006	0	742,383	
	December 2006	0	681,784	
	January 2007	0	741,727	
	February 2007	0	613,664	
	March 2007	0	661,630	
	April 2007	0	630,962	
	May 2007	0	759,917	0.49
RW-1(S) [2]	May 2006	77	744,621	
	June 2006	59	935,039	4.63
	July 2006	28	722,887	
	August 2006	17	741,315	
	September 2006	12	554,826	0.89
	October 2006	31	583,596	0.00
	November 2006	85	877,320	5.88
	December 2006	43	706,488	
	January 2007	24	814,809	
	February 2007	22	129,672	
	March 2007	22	749,862	
	April 2007	22	907,766	
	May 2007	22	1,266,422	0.49
RW-1(X)	May 2006	0	385,828	
	July 2006	0	561,633	
	June 2006	0	369,041	
	August 2006	0	471,215	
	September 2006	1	374,761	0.89
	October 2006	0	397,949	0.15
	November 2006	2	545,763	
	December 2006	0	435,048	
	January 2007	0	531,367	
	February 2007	0	385,165	
	March 2007	0	456,714	
	April 2007	6	485,631	
	May 2007	0	525,891	3.43

TABLE 21-6
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
RW-3(X)	May 2006	29		
	June 2006	42		
	July 2006	28		
	August 2006	37		
	September 2006	26		
	October 2006	22		
	November 2006	32		5.88
	December 2006	18		
	January 2007	60		6.06
	February 2007	32		10.71
	March 2007	30		
	April 2007	13		
	May 2007	30		

Summary of Total Automated Removal		
Water:	**7,251,097**	**Gallons**
LNAPL:	**2,199**	**Gallons**
DNAPL:	**30**	**Gallons**

Notes:

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

TABLE 21-7
WELL MONITORING AND RECOVERY OF LNAPL
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	May 2007 Removal (liters)
East Street Area 2 - South						
13	5/21/2007	16.96	16.85	0.11	0.006	0.006
14	5/21/2007	17.09	17.00	0.09	0.056	0.056
25R	5/21/2007	23.40	17.81	5.59	3.449	3.45
48	5/21/2007	15.75	14.82	0.93	0.450	0.45
95-04R	5/21/2007	14.40	12.90	1.50	3.707	3.71
95-07R	5/21/2007	17.66	17.65	0.01	0.025	0.02
GMA1-14	5/21/2007	18.60	18.59	0.01	0.006	0.012
	5/30/2007	17.11	17.10	0.01	0.006	
GMA1-15	5/2/2007	14.20	13.55	0.65	0.401	1.60
	5/9/2007	14.85	14.30	0.55	0.339	
	5/14/2007	15.03	14.50	0.53	0.327	
	5/21/2007	15.10	14.53	0.57	0.352	
	5/30/2007	15.31	15.02	0.29	0.179	
GMA1-16	5/2/2007	11.65	11.55	0.10	0.062	0.30
	5/9/2007	12.05	11.95	0.10	0.062	
	5/14/2007	12.35	12.22	0.13	0.080	
	5/21/2007	12.43	12.36	0.07	0.043	
	5/30/2007	12.71	12.63	0.08	0.049	
GMA1-19	5/2/2007	10.90	9.35	1.55	0.956	2.27
	5/9/2007	10.89	10.11	0.78	0.481	
	5/14/2007	10.95	10.34	0.61	0.376	
	5/21/2007	10.92	10.40	0.52	0.321	
	5/30/2007	11.02	10.80	0.22	0.136	

Total LNAPL Removal East Street Area 2 - South for May 2007: 11.870 liters
3.132 gallons

Total LNAPL Removal for May 2007: 11.870 liters
3.132 gallons

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

TABLE 21-8
WELL MONITORING AND RECOVERY OF DNAPL
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	May 2007 Removal (liters)
E2SC-03I	5/30/2007	9.30	38.30	4.08	2.579	2.579

Total DNAPL Removal East Street Area 2 - South for May 2007: 2.579 liters
0.680 gallons

Total DNAPL Removal for May 2007: 2.579 liters
0.680 gallons

Note:
1. ft BMP - feet Below Measuring Point

TABLE 21-9
64G TREATMENT PLANT DISCHARGE DATA
GROUNDWATER MANAGEMENT AREA 1

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

Date	Housatonic River Discharge (gallons)	Recharge Pond Discharge (gallons)	Total Discharge (gallons)
May 2006	5,110,840	263,791	5,374,631
June 2006	5,067,810	293,825	5,361,635
July 2006	4,631,550	348,554	4,980,104
August 2006	3,542,620	322,375	3,864,995
September 2006	2,938,190	327,432	3,265,622
October 2006	3,358,570	240,091	3,598,661
November 2006	4,003,730	173,630	4,177,360
December 2006	3,733,070	192,539	3,925,609
January 2007	4,323,220	169,346	4,492,566
February 2007	3,151,020	156,954	3,307,974
March 2007	3,975,040	51,863	4,026,903
April 2007	5,902,880	81,907	5,984,787
May 2007	5,734,160	261,734	5,995,894

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 21-10
ROUTINE WELL MONITORING
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 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	5/21/2007	16.96	16.85	0.11	---	22.50	0.00	974.02
14	991.61	5/21/2007	17.09	17.00	0.09	---	25.55	0.00	974.60
19	983.59	5/2/2007	9.55	---	0.00	---	17.73	0.00	974.04
19	983.59	5/9/2007	10.30	---	0.00	---	17.71	0.00	973.29
19	983.59	5/14/2007	10.44	---	0.00	---	17.71	0.00	973.15
19	983.59	5/21/2007	10.34	---	0.00	---	17.71	0.00	973.25
19	983.59	5/30/2007	10.85	---	0.00	---	17.71	0.00	972.74
25R	998.31	5/21/2007	23.40	17.81	5.59	---	30.72	0.00	980.11
26RR	1,000.58	5/22/2007	18.85	---	0.00	---	28.48	0.00	981.73
40R	991.60	5/21/2007	11.75	---	0.00	---	13.10	0.00	979.85
48	992.39	5/21/2007	15.75	14.82	0.93	---	22.62	0.00	977.50
49R	988.71	5/21/2007	14.55	---	0.00	---	24.88	0.00	974.16
49RR	989.80	5/21/2007	15.61	---	0.00	---	23.04	0.00	974.19
55	989.45	5/21/2007	15.76	15.72	0.04	---	30.04	0.00	973.73
64R	993.37	5/3/2007	16.30	P	< 0.01	---	20.50	0.00	977.07
64R	993.37	5/9/2007	14.80	14.76	0.04	---	20.50	0.00	978.61
64R	993.37	5/15/2007	16.64	16.60	0.04	---	20.50	0.00	976.77
64R	993.37	5/22/2007	16.50	16.40	0.10	---	20.50	0.00	976.96
64R	993.37	5/30/2007	15.80	15.77	0.03	---	20.50	0.00	977.60
64S	984.48	5/3/2007	19.30	---	0.00	---	28.70	0.00	965.18
64S	984.48	5/9/2007	19.30	---	0.00	P	28.70	< 0.01	965.18
64S	984.48	5/15/2007	13.30	---	0.00	P	28.70	< 0.01	971.18
64S	984.48	5/22/2007	19.28	---	0.00	---	28.70	0.00	965.20
64S	984.48	5/30/2007	19.25	---	0.00	---	28.70	0.00	965.23
64S-Caisson	NA	5/3/2007	10.88	10.70	0.18	---	14.55	0.00	NA
64S-Caisson	NA	5/9/2007	10.60	10.59	0.01	---	14.55	0.00	NA
64S-Caisson	NA	5/15/2007	10.65	10.64	0.01	---	14.55	0.00	NA
64S-Caisson	NA	5/22/2007	10.20	10.17	0.03	---	14.55	0.00	NA
64S-Caisson	NA	5/30/2007	10.75	10.65	0.10	---	14.55	0.00	NA
64V	987.29	5/3/2007	21.90	21.60	0.30	P	29.60	< 0.01	965.67
64V	987.29	5/9/2007	21.40	21.30	0.10	---	29.60	0.00	965.98
64V	987.29	5/15/2007	21.90	21.40	0.50	---	29.60	0.00	965.86
64V	987.29	5/22/2007	21.90	21.30	0.60	---	29.60	0.00	965.95
64V	987.29	5/30/2007	21.80	21.50	0.30	P	29.60	< 0.01	965.77
64X(N)	984.83	5/3/2007	11.10	11.09	0.01	---	15.85	0.00	973.74
64X(N)	984.83	5/9/2007	10.91	10.90	0.01	---	15.85	0.00	973.93
64X(N)	984.83	5/15/2007	11.30	11.29	0.01	---	15.85	0.00	973.54
64X(N)	984.83	5/22/2007	10.03	10.02	0.01	---	15.85	0.00	974.81
64X(N)	984.83	5/30/2007	11.51	11.50	0.01	---	15.85	0.00	973.33
64X(S)	981.56	5/3/2007	12.50	12.48	0.02	---	23.82	0.00	969.08
64X(S)	981.56	5/9/2007	14.05	14.03	0.02	---	23.82	0.00	967.53
64X(S)	981.56	5/15/2007	14.30	14.29	0.01	---	23.82	0.00	967.27
64X(S)	981.56	5/22/2007	14.00	13.99	0.01	---	23.82	0.00	967.57
64X(S)	981.56	5/30/2007	14.61	14.60	0.01	---	23.82	0.00	966.96

TABLE 21-10
ROUTINE WELL MONITORING
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 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)
64X(W)	984.87	5/3/2007	18.10	18.08	0.02	---	24.35	0.00	966.79
64X(W)	984.87	5/9/2007	17.30	17.28	0.02	---	24.35	0.00	967.59
64X(W)	984.87	5/15/2007	17.60	17.57	0.03	---	24.35	0.00	967.30
64X(W)	984.87	5/22/2007	17.40	17.36	0.04	---	24.35	0.00	967.51
64X(W)	984.87	5/30/2007	17.80	17.78	0.02	---	24.35	0.00	967.09
95-01	983.77	5/21/2007	9.80	---	0.00	---	17.20	0.00	973.97
95-04R	988.70	5/21/2007	14.40	12.90	1.50	---	21.95	0.00	975.70
95-07R	994.91	5/21/2007	17.66	17.65	0.01	---	26.10	0.00	977.26
3-6C-EB-22	986.94	5/21/2007	13.30	---	0.00	---	20.02	0.00	973.64
E2SC-03I	982.12	5/30/2007	9.30	---	0.00	38.30	42.38	4.08	972.82
E2SC-17	985.38	5/30/2007	11.51	---	0.00	---	45.71	0.00	973.87
E2SC-23	992.07	5/21/2007	15.42	---	0.00	---	21.15	0.00	976.65
E2SC-24	987.90	5/21/2007	14.65	---	0.00	---	21.63	0.00	973.25
ES2-06	986.00	5/21/2007	11.85	---	0.00	---	34.48	0.00	974.15
GMA1-14	997.43	5/9/2007	15.83	---	0.00	---	23.22	0.00	981.60
GMA1-14	997.43	5/15/2007	16.30	---	0.00	---	23.20	0.00	981.13
GMA1-14	997.43	5/21/2007	18.60	18.59	0.01	---	23.19	0.00	978.84
GMA1-14	997.43	5/30/2007	17.11	17.10	0.01	---	23.19	0.00	980.33
GMA1-15	988.59	5/2/2007	14.20	13.55	0.65	---	17.84	0.00	974.99
GMA1-15	988.59	5/9/2007	14.85	14.30	0.55	---	17.84	0.00	974.25
GMA1-15	988.59	5/14/2007	15.03	14.50	0.53	---	17.84	0.00	974.05
GMA1-15	988.59	5/21/2007	15.10	14.53	0.57	---	17.85	0.00	974.02
GMA1-15	988.59	5/30/2007	15.31	15.02	0.29	---	17.84	0.00	973.55
GMA1-16	986.82	5/2/2007	11.65	11.55	0.10	---	19.96	0.00	975.26
GMA1-16	986.82	5/9/2007	12.05	11.95	0.10	---	19.96	0.00	974.86
GMA1-16	986.82	5/14/2007	12.35	12.22	0.13	---	19.96	0.00	974.59
GMA1-16	986.82	5/21/2007	12.43	12.36	0.07	---	19.96	0.00	974.46
GMA1-16	986.82	5/30/2007	12.71	12.63	0.08	---	19.96	0.00	974.18
GMA1-17E	993.03	5/21/2007	13.81	13.80	0.01	---	17.30	0.00	979.23
GMA1-19	984.28	5/2/2007	10.90	9.35	1.55	---	17.13	0.00	974.82
GMA1-19	984.28	5/9/2007	10.89	10.11	0.78	---	17.13	0.00	974.12
GMA1-19	984.28	5/14/2007	10.95	10.34	0.61	---	17.13	0.00	973.90
GMA1-19	984.28	5/21/2007	10.92	10.40	0.52	---	17.14	0.00	973.84
GMA1-19	984.28	5/30/2007	11.02	10.80	0.22	---	17.14	0.00	973.46
GMA1-20	983.49	5/2/2007	9.10	---	0.00	---	17.30	0.00	974.39
GMA1-20	983.49	5/9/2007	9.85	---	0.00	---	17.30	0.00	973.64
GMA1-20	983.49	5/14/2007	10.00	---	0.00	---	17.30	0.00	973.49
GMA1-20	983.49	5/21/2007	9.94	---	0.00	---	17.30	0.00	973.55
GMA1-20	983.49	5/30/2007	10.40	---	0.00	---	17.30	0.00	973.09

TABLE 21-10
ROUTINE WELL MONITORING
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 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)
GMA1-21	985.68	5/2/2007	10.25	---	0.00	---	19.40	0.00	975.43
GMA1-21	985.68	5/9/2007	10.90	---	0.00	---	19.45	0.00	974.78
GMA1-21	985.68	5/14/2007	12.05	---	0.00	---	19.45	0.00	973.63
GMA1-21	985.68	5/21/2007	12.02	---	0.00	---	19.44	0.00	973.66
GMA1-21	985.68	5/30/2007	12.50	---	0.00	---	19.45	0.00	973.18
GMA1-22	988.45	5/2/2007	13.20	---	0.00	---	19.22	0.00	975.25
GMA1-22	988.45	5/9/2007	14.00	---	0.00	---	19.25	0.00	974.45
GMA1-22	988.45	5/14/2007	14.22	---	0.00	---	19.25	0.00	974.23
GMA1-22	988.45	5/21/2007	14.35	---	0.00	---	19.24	0.00	974.10
GMA1-22	988.45	5/30/2007	14.73	---	0.00	---	19.24	0.00	973.72
GMA1-23	986.16	5/2/2007	11.06	---	0.00	---	17.30	0.00	975.10
GMA1-23	986.16	5/9/2007	11.78	---	0.00	---	17.30	0.00	974.38
GMA1-23	986.16	5/14/2007	12.10	---	0.00	---	17.30	0.00	974.06
GMA1-23	986.16	5/21/2007	12.10	---	0.00	---	17.30	0.00	974.06
GMA1-23	986.16	5/30/2007	12.50	---	0.00	---	17.30	0.00	973.66
GMA1-24	983.81	5/2/2007	9.40	---	0.00	---	16.04	0.00	974.41
GMA1-24	983.81	5/9/2007	10.20	---	0.00	---	16.04	0.00	973.61
GMA1-24	983.81	5/14/2007	10.30	---	0.00	---	16.04	0.00	973.51
GMA1-24	983.81	5/21/2007	10.30	---	0.00	---	16.04	0.00	973.51
GMA1-24	983.81	5/30/2007	10.70	---	0.00	---	16.04	0.00	973.11
HR-G2-MW-1	982.60	5/21/2007	10.03	---	0.00	---	18.24	0.00	972.57
HR-G2-MW-2	981.39	5/21/2007	8.10	---	0.00	---	17.68	0.00	973.29
HR-G2-MW-3	987.14	5/21/2007	13.90	---	0.00	---	22.00	0.00	973.24
HR-G2-RW-1	976.88	5/21/2007	5.14	---	0.00	---	18.73	0.00	973.04
RW-1(S)	987.23	5/3/2007	17.50	17.47	0.03	P	28.60	< 0.01	969.76
RW-1(S)	987.23	5/9/2007	19.00	18.99	0.01	P	28.60	< 0.01	968.24
RW-1(S)	987.23	5/15/2007	19.03	19.00	0.03	P	28.60	< 0.01	968.23
RW-1(S)	987.23	5/22/2007	19.30	19.00	0.30	P	28.60	< 0.01	968.21
RW-1(S)	987.23	5/30/2007	19.10	19.03	0.07	---	28.60	0.00	968.20
RW-1(X)	982.68	5/3/2007	12.60	12.59	0.01	---	20.80	0.00	970.09
RW-1(X)	982.68	5/9/2007	13.60	13.58	0.02	---	20.80	0.00	969.10
RW-1(X)	982.68	5/15/2007	14.05	14.03	0.02	---	20.80	0.00	968.65
RW-1(X)	982.68	5/22/2007	13.80	13.78	0.02	---	20.80	0.00	968.90
RW-1(X)	982.68	5/30/2007	14.30	14.28	0.02	P	20.80	< 0.01	968.40
RW-2(X)	985.96	5/3/2007	11.80	---	0.00	---	15.30	0.00	974.16
RW-2(X)	985.96	5/9/2007	12.27	---	0.00	---	15.30	0.00	973.69
RW-2(X)	985.96	5/15/2007	12.66	---	0.00	---	15.30	0.00	973.30
RW-2(X)	985.96	5/22/2007	12.30	---	0.00	---	15.30	0.00	973.66
RW-2(X)	985.96	5/30/2007	12.80	---	0.00	---	15.30	0.00	973.16
RW-3(X)	980.28	5/3/2007	8.20	---	0.00	42.62	44.40	1.78	972.08
RW-3(X)	980.28	5/9/2007	8.51	---	0.00	42.60	44.40	1.80	971.77
RW-3(X)	980.28	5/15/2007	8.25	---	0.00	---	44.40	0.00	972.03
RW-3(X)	980.28	5/22/2007	7.99	---	0.00	42.50	44.40	1.90	972.29
RW-3(X)	980.28	5/30/2007	8.40	---	0.00	42.60	44.40	1.80	971.88

TABLE 21-10
ROUTINE WELL MONITORING
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 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	5/2/2007	18.20	See Note 6 regarding depth to water					972.53
SG-HR-1	990.73	5/9/2007	19.25	See Note 6 regarding depth to water					971.48
SG-HR-1	990.73	5/15/2007	19.45	See Note 6 regarding depth to water					971.28
SG-HR-1	990.73	5/23/2007	19.04	See Note 6 regarding depth to water					971.69
SG-HR-1	990.73	5/30/2007	19.30	See Note 6 regarding depth to water					971.43

Notes:

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

TABLE 21-11
ACTIVE RECOVERY SYSTEMS MONTHLY SUMMARY
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

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

Month / Year	Volume Water Pumped (gallon)	RW-1 DNAPL Recovered (gallon)	RW-1R LNAPL Recovered (gallon)	RW-3 LNAPL Recovered (gallon)
May 2005	357,497	--	--	--
June 2005	422,006	--	--	10
July 2005	310,647	--	5	10
August 2005	302,572	--	--	--
September 2005	198,753	--	--	--
October 2005	314,247	--	--	--
November 2005	412,936	--	--	--
December 2005	332,721	--	--	--
January 2006	342,548	--	--	--
February 2006	336,595	--	--	--
March 2006	322,169	--	--	--
April 2006	245,626	--	--	--
May 2006	253,821	--	--	--
June 2006	562,906	--	--	--
July 2006	206,016	--	--	--
August 2006	216,359	--	--	--
September 2006	172,604	--	--	--
October 2006	184,541	--	--	--
November 2006	270,731	--	--	--
December 2006	205,096	--	--	--
January 2007	240,662	--	--	5
February 2007	170,181	--	--	5
March 2007	205,590	--	--	10
April 2007	292,955	--	--	--
May 2007	279,466	--	--	10

Notes:
1. Volume of water pumped is total from Wells RW-1R, RW-2, and RW-3.
2. -- indicates LNAPL or DNAPL was not recovered by the system.
3. There were 4 hours of downtime for RW-1/1R, RW-2, and RW-3 during May 2007.

TABLE 21-12
MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	May 2007 Removal (liters)
LSSC-07	5/2/2007	9.70	24.85	0.23	0.142	1.079
	5/8/2007	10.41	24.80	0.28	0.173	
	5/14/2007	10.63	24.86	0.22	0.481	
	5/23/2007	10.50	24.90	0.18	0.111	
	5/30/2007	10.90	24.80	0.28	0.173	
LSSC-08I	5/8/2007	12.25	23.34	0.02	0.012	0.062
	5/14/2007	12.30	23.33	0.03	0.019	
	5/23/2007	12.05	23.32	0.03	0.019	
	5/30/2007	12.50	23.34	0.02	0.012	

Total Manual DNAPL Removal for May 2007: 1.142 liters
0.301 gallons

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

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

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
EPA-01	983.04	5/8/2007	12.25	---	0.00	---	22.65	0.00	970.79
LS-24	986.58	5/8/2007	13.18	---	0.00	---	15.12	0.00	973.40
LS-30	986.440	5/8/2007	13.00	---	0.00	21.90	22.20	0.30	973.44
LS-31	987.090	5/8/2007	12.65	---	0.00	23.15	23.32	0.17	974.44
LS-38	986.95	5/8/2007	15.22	---	0.00	---	25.04	0.00	971.73
LS-44	980.78	5/8/2007	9.53	---	0.00	---	24.73	0.00	971.25
LSSC-07	982.48	5/2/2007	9.70	---	0.00	24.85	25.08	0.23	972.78
LSSC-07	982.48	5/8/2007	10.41	---	0.00	24.80	25.08	0.28	972.07
LSSC-07	982.48	5/14/2007	10.63	---	0.00	24.86	25.08	0.22	971.85
LSSC-07	982.48	5/23/2007	10.50	---	0.00	24.90	25.08	0.18	971.98
LSSC-07	982.48	5/30/2007	10.90	---	0.00	24.80	25.08	0.28	971.58
LSSC-08I	983.13	5/2/2007	11.30	---	0.00	---	23.35	0.00	971.83
LSSC-08I	983.13	5/8/2007	12.25	---	0.00	23.34	23.36	0.02	970.88
LSSC-08I	983.13	5/14/2007	12.30	---	0.00	23.33	23.36	0.03	970.83
LSSC-08I	983.13	5/23/2007	12.05	---	0.00	23.32	23.35	0.03	971.08
LSSC-08I	983.13	5/30/2007	12.50	---	0.00	23.34	23.36	0.02	970.63
LSSC-08S	983.11	5/8/2007	12.20	---	0.00	---	14.68	0.00	970.91
LSSC-16I	980.88	5/8/2007	8.75	---	0.00	---	28.54	0.00	972.13
LSSC-18	987.32	5/8/2007	13.90	---	0.00	---	18.58	0.00	973.42
LSSC-32	980.68	5/8/2007	8.99	---	0.00	---	35.24	0.00	971.69
LSSC-33	980.49	5/8/2007	8.80	---	0.00	---	29.10	0.00	971.69
RW-1	984.88	5/3/2007	10.40	---	0.00	---	21.00	0.00	974.48
RW-1	984.88	5/9/2007	11.38	---	0.00	P	21.00	< 0.01	973.50
RW-1	984.88	5/15/2007	11.99	P	< 0.01	---	21.00	0.00	972.89
RW-1	984.88	5/22/2007	11.90	---	0.00	---	21.00	0.00	972.98
RW-1	984.88	5/30/2007	12.22	---	0.00	P	21.00	< 0.01	972.66
RW-1 (R)	985.07	5/3/2007	16.70	P	< 0.01	---	20.42	0.00	968.37
RW-1 (R)	985.07	5/9/2007	15.90	---	0.00	P	20.42	< 0.01	969.17
RW-1 (R)	985.07	5/15/2007	14.78	---	0.00	P	20.42	< 0.01	970.29
RW-1 (R)	985.07	5/22/2007	15.80	P	< 0.01	P	20.42	< 0.01	969.27
RW-1 (R)	985.07	5/30/2007	15.99	---	0.00	P	20.42	< 0.01	969.08
RW-2	987.82	5/3/2007	12.80	P	< 0.01	---	21.75	0.00	975.02
RW-2	987.82	5/9/2007	13.37	---	0.00	---	21.75	0.00	974.45
RW-2	987.82	5/15/2007	13.85	---	0.00	---	21.75	0.00	973.97
RW-2	987.82	5/22/2007	13.50	---	0.00	---	21.75	0.00	974.32
RW-2	987.82	5/30/2007	14.20	---	0.00	---	21.75	0.00	973.62
RW-3	984.08	5/3/2007	16.55	16.54	0.01	---	21.57	0.00	967.54
RW-3	984.08	5/9/2007	16.65	16.64	0.01	---	21.57	0.00	967.44
RW-3	984.08	5/15/2007	15.30	15.29	0.01	---	21.57	0.00	968.79
RW-3	984.08	5/22/2007	16.47	16.45	0.02	---	21.57	0.00	967.63
RW-3	984.08	5/30/2007	16.51	16.50	0.01	---	21.57	0.00	967.58

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 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 (Lyman Street Bridge)									
BM-2A	986.32	5/2/2007	15.20	See Note 4 regarding depth to water					971.12
BM-2A	986.32	5/9/2007	16.05	See Note 4 regarding depth to water					970.27
BM-2A	986.32	5/15/2007	16.25	See Note 4 regarding depth to water					970.07
BM-2A	986.32	5/23/2007	15.92	See Note 4 regarding depth to water					970.40
BM-2A	986.32	5/30/2007	16.25	See Note 4 regarding depth to water					970.07

Notes:

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

TABLE 21-14
ACTIVE DNAPL RECOVERY SYSTEMS MONTHLY SUMMARY
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1

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

Recovery System	Date	Total Gallons Recovered
System 2[1]	May 2006	--[2]
	June 2006	--[2]
	July 2006	--[2]
	August 2006	--[2]
	September 2006	97.2
	October 2006	340.2
	November 2006	224.1
	December 2006	54.0
	January 2007	72.9
	February 2007	124.2
	March 2007	94.8
	April 2007	302.4
	May 2007	175.5
Total Automated DNAPL Removal for May 2007:		175.5

Notes:
1. System 2 wells are N2SC-01I(R), N2SC-03I(R), and N2SC-14.
2. The DNAPL recovery systems for the Newell Street Area II were shut down on July 25, 2005. An upgraded system was completed and activated on August 30, 2006.
3. There were 144 hours of downtime during May 2007.

TABLE 21-15
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

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

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	May 2007 Removal (liters)
N2SC-08	5/8/2007	10.53	39.90	0.80	0.49	0.494

Total DNAPL Removal for May 2007: 0.494 liters
0.130 gallons

TABLE 21-16
ROUTINE WELL MONITORING
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 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	5/8/2007	11.35	---	0.00	37.90	40.40	2.50	973.64
N2SC-01I(R)	986.01	5/3/2007	14.30	---	0.00	42.40	42.60	0.20	971.71
N2SC-01I(R)	986.01	5/9/2007	15.02	---	0.00	42.30	42.60	0.30	970.99
N2SC-01I(R)	986.01	5/15/2007	15.12	---	0.00	42.30	42.60	0.30	970.89
N2SC-01I(R)	986.01	5/22/2007	14.89	---	0.00	42.20	42.60	0.40	971.12
N2SC-01I(R)	986.01	5/30/2007	15.4	---	0.00	42.40	42.60	0.20	970.61
N2SC-02	985.56	5/8/2007	10.60	---	0.00	---	38.38	0.00	974.96
N2SC-03I	986.24	5/8/2007	9.81	---	0.00	---	37.73	0.00	976.43
N2SC-03I(R)	985.86	5/3/2007	12.35	---	0.00	38.80	41.10	2.30	973.51
N2SC-03I(R)	985.86	5/9/2007	13.02	---	0.00	39.50	41.10	1.60	972.84
N2SC-03I(R)	985.86	5/15/2007	13.21	---	0.00	39.50	41.10	1.60	972.65
N2SC-03I(R)	985.86	5/22/2007	12.98	---	0.00	39.40	41.10	1.70	972.88
N2SC-03I(R)	985.86	5/30/2007	13.45	---	0.00	38.90	41.10	2.20	972.41
N2SC-07	984.61	5/8/2007	9.82	---	0.00	---	35.76	0.00	974.79
N2SC-08	986.07	5/8/2007	10.53	---	0.00	39.90	40.70	0.80	975.54
N2SC-14	985.06	5/3/2007	13.18	---	0.00	38.60	40.00	1.40	971.88
N2SC-14	985.06	5/9/2007	13.84	---	0.00	38.90	40.00	1.10	971.22
N2SC-14	985.06	5/15/2007	14.02	---	0.00	39.00	40.00	1.00	971.04
N2SC-14	985.06	5/22/2007	13.7	---	0.00	P	40.00	< 0.01	971.36
N2SC-14	985.06	5/30/2007	14.2	---	0.00	38.65	40.00	1.35	970.86
NS-15R	NA	5/8/2007	10.25	---	0.00	---	19.02	0.00	NA
NS-30	985.99	5/8/2007	9.80	---	0.00	35.00	35.10	0.10	976.19
NS-32	986.20	5/8/2007	10.73	---	0.00	---	38.05	0.00	975.47

Notes:

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

TABLE 21-17
ROUTINE WELL MONITORING
SILVER LAKE AREA
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Staff Gauge within Silver Lake									
BM-SL-5	980.27	5/2/2007	4.27	See Note 4 regarding depth to water					976.00
BM-SL-5	980.27	5/9/2007	4.40	See Note 4 regarding depth to water					975.87
BM-SL-5	980.27	5/15/2007	4.40	See Note 4 regarding depth to water					975.87
BM-SL-5	980.27	5/23/2007	4.40	See Note 4 regarding depth to water					975.87
BM-SL-5	980.27	5/30/2007	4.50	See Note 4 regarding depth to water					975.77

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity.
3. NA indicates information not available.
4. Survey reference point BM-SL-5 was established on the former Silver Lake staff gauge support structure following destruction of the gauge due to ice. The "Depth to Water" value(s) provided in the above table refer to the vertical distance as measured down from the surveyed reference point to the water surface.
5. Additional groundwater elevation data may also be collected from wells near Silver Lake that are located in the 30s Complex and at the Lyman Street Area. If available, those results are presented in the monitoring tables for those Removal Action Areas.

ITEM 22
GROUNDWATER MANAGEMENT AREAS
FORMER OXBOWS J & K (GMA 2)
(GECD320)
MAY 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.
- Submit Baseline Assessment Final Report and Long-Term Monitoring Program Proposal (due by June 18, 2007).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 22-1
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 2

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 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	5/23/2007	16.76	See Note 2 regarding depth to water					973.06

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)
MAY 2007

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

a. Activities Undertaken/Completed

- Conducted Spring 2007 interim groundwater quality sampling for VOCs, limited SVOCs (in some wells), and natural attenuation parameters, as identified in Table 23-1.

- Conducted routine groundwater elevation and NAPL monitoring activities. Approximately 20.644 liters (5.45 gallons) of LNAPL were removed by the automatic skimmer located in well 51-21 and an additional 2.728 liters (0.72 gallon) of LNAPL were manually removed from the wells in this area (see Table 23-2).

- Conducted LNAPL recovery testing at wells 51-8, 59-3R, GMA3-10, and GMA3-12.

- In response to the observation of DNAPL at well GMA3-16 on April 27, 2007, increased the monitoring frequency at that well to weekly, with any observed recoverable DNAPL to be manually removed from the well. However, no DNAPL has been observed in this well since the initial observation/ removal on April 27, 2007.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine groundwater and NAPL monitoring/recovery activities.

- Complete and submit evaluation of LNAPL recovery rates at wells near Buildings 51 and 59 to assess feasibility of installing additional automated LNAPL recovery systems in that area, along with proposal for future actions (due to EPA by July 18, 2007).

- Following EPA's approval of GE's March 16, 2007 Supplemental Soil Gas Migration Assessment Report and Sampling Plan, conduct follow-up investigations of certain items identified in Buildings 51 and 59 that could potentially constitute soil gas migration pathways, and/or conduct other activities as required by EPA.

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 23-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2007

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Semi-Annual Groundwater Sampling	111A-R	5/7/07	Water	SGS	VOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	111B-R	5/8/07	Water	SGS	VOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	114A	5/10/07	Water	SGS	VOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	114B-R	5/10/07	Water	SGS	VOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	115A	5/14/07	Water	SGS	VOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	115B	5/14/07	Water	SGS	VOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	16A	5/7/07	Water	SGS	VOC, SVOC Limited, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	16B-R	5/8/07	Water	SGS	VOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	16C-R	5/7/07	Water	SGS	VOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	2A	5/14/07	Water	SGS	VOC, SVOC Limited, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	39B-R	5/7/07	Water	SGS	VOC, SVOC Limited, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	39D-R	5/14/07	Water	SGS	VOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	39E	5/14/07	Water	SGS	VOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	43A	5/9/07	Water	SGS	VOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	43B	5/9/07	Water	SGS	VOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	89A	5/9/07	Water	SGS	VOC, SVOC Limited, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	89B	5/9/07	Water	SGS	VOC, SVOC Limited, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	89D-R	5/9/07	Water	SGS	VOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	90A	5/8/07	Water	SGS	VOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	90B	5/8/07	Water	SGS	VOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	95A	5/10/07	Water	SGS	VOC, SVOC Limited, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	95B-R	5/10/07	Water	SGS	VOC, SVOC Limited, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	DUP#1 (16B-R)	5/8/07	Water	SGS	VOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	DUP#2 (95A)	5/10/07	Water	SGS	VOC, SVOC Limited, Natural Attenuation Parameters	

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

TABLE 23-2
MEASUREMENT AND REMOVAL OF RECOVERABLE LNAPL
GROUNDWATER MANAGEMENT AREA 3

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	May 2007 Removal (liters)
51-08	5/15/2007	10.05	10.02	0.03	0.019	0.019
51-21	5/3/2007	14.19	P	< 0.01	5.11	20.64
	5/9/2007	14.32	P	< 0.01	3.03	
	5/15/2007	14.55	P	< 0.01	3.03	
	5/22/2007	14.70	P	< 0.01	1.14	
	5/30/2007	14.95	---	0.00	8.34	
59-03R	5/29/2007	11.28	10.80	0.48	0.296	0.296
GMA3-10	5/2/2007	10.60	9.75	0.85	0.524	1.75
	5/8/2007	10.45	9.92	0.53	0.327	
	5/15/2007	10.80	10.09	0.71	0.438	
	5/23/2007	10.75	10.35	0.40	0.247	
	5/29/2007	10.85	10.50	0.35	0.216	
GMA3-12	5/15/2007	10.62	10.55	0.07	0.173	0.173
GMA3-13	5/2/2007	10.30	9.95	0.35	0.216	0.40
	5/8/2007	10.14	10.11	0.03	0.019	
	5/15/2007	10.34	10.30	0.04	0.025	
	5/23/2007	10.58	10.55	0.03	0.019	
	5/29/2007	10.88	10.68	0.20	0.123	
UB-PZ-3	5/29/2007	11.65	11.40	0.25	0.09	0.09

Total Automated LNAPL Removal at well 51-21 for May 2007: 20.644 liters
5.45 Gallons

Total Manual LNAPL Removal at all other wells for May 2007: 2.728 liters
0.72 Gallons

Total LNAPL Removed for May 2007: 23.372 liters
6.17 Gallons

Notes:

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

TABLE 23-3
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
51-05	996.44	5/29/2007	7.63	---	0.00	---	11.52	0.00	988.81
51-06	997.36	5/29/2007	10.22	---	0.00	---	14.53	0.00	987.14
51-07	997.08	5/29/2007	10.22	---	0.00	---	11.24	0.00	986.86
51-08	997.08	5/2/2007	9.71	9.68	0.03	---	14.68	0.00	987.40
51-08	997.08	5/8/2007	9.83	9.80	0.03	---	14.64	0.00	987.28
51-08	997.08	5/15/2007	10.05	10.02	0.03	---	14.63	0.00	987.06
51-08	997.08	5/23/2007	10.29	10.26	0.03	---	14.64	0.00	986.82
51-08	997.08	5/29/2007	10.43	10.40	0.03	---	14.63	0.00	986.68
51-09	997.70	5/29/2007	10.00	---	0.00	---	11.60	0.00	987.70
51-11	994.37	5/29/2007	8.00	---	0.00	---	13.52	0.00	986.37
51-12	996.55	5/29/2007	7.40	---	0.00	---	13.30	0.00	989.15
51-13	997.42	5/29/2007	Dry at 9.81 ft			---	9.81	0.00	NA
51-14	996.77	5/29/2007	10.37	---	0.00	---	14.75	0.00	986.40
51-15	996.43	5/29/2007	9.76	---	0.00	---	14.40	0.00	986.67
51-16R	996.39	5/29/2007	9.74	9.72	0.02	---	14.55	0.00	986.67
51-17	996.43	5/29/2007	9.82	9.63	0.19	---	14.50	0.00	986.79
51-18	997.12	5/29/2007	10.55	---	0.00	---	12.58	0.00	986.57
51-19	996.43	5/29/2007	10.12	10.04	0.08	---	14.10	0.00	986.38
51-21	1001.49	5/3/2007	14.19	P	< 0.01	---	NM	0.00	987.30
51-21	1001.49	5/9/2007	14.32	P	< 0.01	---	NM	0.00	987.17
51-21	1001.49	5/15/2007	14.55	P	< 0.01	---	NM	0.00	986.94
51-21	1001.49	5/22/2007	14.70	P	< 0.01	---	NM	0.00	986.79
51-21	1001.49	5/30/2007	14.95	---	0.00	---	NM	0.00	986.54
59-01	997.52	5/29/2007	10.70	---	0.00	---	11.40	0.00	986.82
59-03R	997.64	5/29/2007	11.28	10.80	0.48	---	17.04	0.00	986.81
59-07	997.96	5/29/2007	11.12	11.10	0.02	---	23.52	0.00	986.86
078B-R	988.83	5/29/2007	1.60	---	0.00	---	11.73	0.00	987.23
GMA3-10	997.54	5/2/2007	10.60	9.75	0.85	---	17.84	0.00	987.73
GMA3-10	997.54	5/8/2007	10.45	9.92	0.53	---	17.84	0.00	987.58
GMA3-10	997.54	5/15/2007	10.80	10.09	0.71	---	17.83	0.00	987.40
GMA3-10	997.54	5/23/2007	10.75	10.35	0.40	---	17.83	0.00	987.16
GMA3-10	997.54	5/29/2007	10.85	10.50	0.35	---	17.84	0.00	987.02
GMA3-11	997.25	5/29/2007	9.75	---	0.00	---	18.28	0.00	987.50
GMA3-12	997.84	5/2/2007	10.30	10.21	0.09	---	21.24	0.00	987.62
GMA3-12	997.84	5/8/2007	10.40	10.35	0.05	---	21.25	0.00	987.49
GMA3-12	997.84	5/15/2007	10.62	10.55	0.07	---	21.24	0.00	987.29
GMA3-12	997.84	5/23/2007	10.78	10.75	0.03	---	21.23	0.00	987.09
GMA3-12	997.84	5/29/2007	11.00	10.92	0.08	---	21.24	0.00	986.91
GMA3-13	997.73	5/2/2007	10.30	9.95	0.35	---	17.50	0.00	987.76
GMA3-13	997.73	5/8/2007	10.14	10.11	0.03	---	17.50	0.00	987.62
GMA3-13	997.73	5/15/2007	10.34	10.30	0.04	---	17.50	0.00	987.43
GMA3-13	997.73	5/23/2007	10.58	10.55	0.03	---	17.50	0.00	987.18
GMA3-13	997.73	5/29/2007	10.88	10.68	0.20	---	17.50	0.00	987.04

TABLE 23-3
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 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)
GMA3-14	997.42	5/29/2007	10.30	---	0.00	---	16.74	0.00	987.12
GMA3-16	989.26	5/8/2007	1.28	---	0.00	---	13.02	0.00	987.98
GMA3-16	989.26	5/15/2007	1.60	---	0.00	---	13.00	0.00	987.66
GMA3-16	989.26	5/23/2007	1.50	---	0.00	---	13.00	0.00	987.76
GMA3-16	989.26	5/29/2007	1.80	---	0.00	---	13.00	0.00	987.46
UB-MW-10	995.99	5/29/2007	9.20	---	0.00	---	14.74	0.00	986.79
UB-PZ-3	998.15	5/29/2007	11.65	11.40	0.25	---	13.91	0.00	986.73

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.

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

- Preliminary analytical results received in May 2007 from the Spring 2007 GMA 4 interim groundwater quality monitoring activities are shown in Table 24-2. These preliminary results have been compared to the applicable Method 1 GW-2 and GW-3 groundwater standards and UCLs for groundwater set forth in the MCP. (Note that, under this interim monitoring program, samples collected for PCBs, cyanide, or metals analyses are analyzed for these constituents in filtered form only.) These comparisons indicate that there were no exceedances of the MCP Method 1 GW-2 standards (in the GW-2 groundwater samples) or the GW-3 standards or the UCLs in any of the groundwater sample results received in May 2007.

c. Work Plans/Reports/Documents Submitted

None

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

Continue routine monitoring at well GMA4-3.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 24-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2007

GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Semi-Annual Groundwater Sampling	78-1	4/20/07	Water	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	5/10/07
Semi-Annual Groundwater Sampling	78-6	4/19/07	Water	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	5/10/07
Semi-Annual Groundwater Sampling	GMA4-6	4/19/07	Water	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	5/10/07
Semi-Annual Groundwater Sampling	GMA4-DUP#1 (H78B-15)	4/18/07	Water	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	5/11/07
Semi-Annual Groundwater Sampling	H78B-15	4/18/07	Water	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	5/11/07
Semi-Annual Groundwater Sampling	OPCA-MW1R	4/19/07	Water	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	5/10/07
Semi-Annual Groundwater Sampling	OPCA-MW-2	4/19/07	Water	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	5/10/07
Semi-Annual Groundwater Sampling	OPCA-MW-3	4/20/07	Water	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	5/10/07
Semi-Annual Groundwater Sampling	OPCA-MW4	4/18/07	Water	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	5/11/07
Semi-Annual Groundwater Sampling	OPCA-MW5R	4/18/07	Water	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	5/11/07
Semi-Annual Groundwater Sampling	OPCA-MW6	4/18/07	Water	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	5/11/07
Semi-Annual Groundwater Sampling	OPCA-MW7	4/19/07	Water	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	5/10/07
Semi-Annual Groundwater Sampling	OPCA-MW8	4/17/07	Water	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	5/11/07

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

TABLE 24-2
DATA RECEIVED DURING MAY 2007

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

Parameter	Sample ID: / Date Collected:	78-1 04/20/07	78-6 04/19/07	GMA4-6 04/19/07
Volatile Organics				
Tetrachloroethene		ND(0.0010)	ND(0.0010)	ND(0.0010)
Toluene		ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichloroethene		ND(0.0010)	ND(0.0010)	ND(0.0010)
PCBs-Filtered				
Aroclor-1260		ND(0.00012)	ND(0.00011)	ND(0.00011)
Total PCBs		ND(0.00012)	ND(0.00011)	ND(0.00011)
Semivolatile Organics				
bis(2-Ethylhexyl)phthalate		ND(0.010)	ND(0.010)	0.0016 J
Furans				
2,3,7,8-TCDF		0.0000000040 J	ND(0.0000000014)	ND(0.0000000018)
TCDFs (total)		0.0000000040 J	ND(0.0000000014)	ND(0.0000000018)
1,2,3,7,8-PeCDF		ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
2,3,4,7,8-PeCDF		ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
PeCDFs (total)		ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,4,7,8-HxCDF		ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,6,7,8-HxCDF		ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,7,8,9-HxCDF		ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
2,3,4,6,7,8-HxCDF		ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
HxCDFs (total)		ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,4,6,7,8-HpCDF		ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,4,7,8,9-HpCDF		ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
HpCDFs (total)		ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
OCDF		ND(0.000000011)	ND(0.000000011)	ND(0.000000011)
Dioxins				
2,3,7,8-TCDD		ND(0.0000000023)	ND(0.0000000016)	ND(0.0000000022)
TCDDs (total)		ND(0.0000000023)	ND(0.0000000016)	ND(0.0000000022)
1,2,3,7,8-PeCDD		ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
PeCDDs (total)		ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,4,7,8-HxCDD		ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,6,7,8-HxCDD		ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,7,8,9-HxCDD		ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
HxCDDs (total)		ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,4,6,7,8-HpCDD		ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
HpCDDs (total)		ND(0.0000000054)	ND(0.0000000052)	0.0000000060 J
OCDD		ND(0.000000011)	ND(0.000000011)	0.000000040 J
Total TEQs (WHO TEFs)		0.0000000077	0.0000000069	0.0000000072
Inorganics-Unfiltered				
Sulfide		ND(1.00)	ND(1.00)	1.10
Inorganics-Filtered				
Antimony		ND(0.0400)	ND(0.0400)	0.00696 B
Arsenic		ND(0.0100)	0.00526 B	ND(0.0100)
Barium		0.0303 B	0.0337 B	0.0410 B
Beryllium		ND(0.0100)	0.00115 B	0.00578 B
Chromium		ND(0.0100)	0.00406 B	0.00379 B
Copper		0.00531 B	0.00604 B	0.00609 B
Mercury		0.000191 B	0.000196 B	0.000199 B
Nickel		ND(0.0100)	ND(0.0100)	ND(0.0100)
Selenium		0.00976 B	0.00957 B	0.0110 B
Silver		0.00116 B	ND(0.0100)	0.00114 B
Tin		0.0163	0.0498	0.00792 B
Vanadium		ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc		0.00245 B	0.00351 B	0.119

TABLE 24-2
DATA RECEIVED DURING MAY 2007

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

Parameter / Sample ID: / Date Collected:	H78B-15 04/18/07	OPCA-MW1R 04/19/07	OPCA-MW-2 04/19/07
Volatile Organics			
Tetrachloroethene	ND(0.0010) [ND(0.0010)]	0.012	ND(0.0010)
Toluene	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Trichloroethene	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
PCBs-Filtered			
Aroclor-1260	ND(0.00010) [ND(0.00011)]	ND(0.00011)	ND(0.00011)
Total PCBs	ND(0.00010) [ND(0.00011)]	ND(0.00011)	ND(0.00011)
Semivolatile Organics			
bis(2-Ethylhexyl)phthalate	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Furans			
2,3,7,8-TCDF	ND(0.0000000013) [ND(0.0000000016)]	0.0000000045 J	ND(0.0000000035) X
TCDFs (total)	ND(0.0000000013) [ND(0.0000000016)]	0.0000000067 J	ND(0.0000000016)
1,2,3,7,8-PeCDF	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
2,3,4,7,8-PeCDF	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
PeCDFs (total)	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,4,7,8-HxCDF	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,6,7,8-HxCDF	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,7,8,9-HxCDF	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
2,3,4,6,7,8-HxCDF	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
HxCDFs (total)	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
HpCDFs (total)	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
OCDF	ND(0.000000010) [ND(0.000000010)]	0.000000012 J	ND(0.000000011)
Dioxins			
2,3,7,8-TCDD	ND(0.0000000015) [ND(0.0000000019)]	ND(0.0000000018)	ND(0.0000000021)
TCDDs (total)	ND(0.0000000015) [ND(0.0000000019)]	ND(0.0000000018)	ND(0.0000000021)
1,2,3,7,8-PeCDD	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
PeCDDs (total)	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,4,7,8-HxCDD	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,6,7,8-HxCDD	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,7,8,9-HxCDD	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
HxCDDs (total)	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
HpCDDs (total)	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
OCDD	ND(0.000000010) [ND(0.000000010)]	0.000000029 J	ND(0.000000011)
Total TEQs (WHO TEFs)	0.0000000066 [0.0000000069]	0.0000000072	0.0000000074
Inorganics-Unfiltered			
Sulfide	ND(1.00) [ND(1.00)]	ND(1.00)	ND(1.00)
Inorganics-Filtered			
Antimony	ND(0.0400) [ND(0.0400)]	ND(0.0400)	ND(0.0400)
Arsenic	ND(0.0100) [ND(0.0100)]	ND(0.0100)	ND(0.0100)
Barium	0.00872 B [0.00850 B]	0.0646 B	0.0244 B
Beryllium	0.00529 B [0.000850 B]	0.00194 B	0.00386 B
Chromium	ND(0.0100) [ND(0.0100)]	ND(0.0100)	0.00407 B
Copper	0.00312 B [0.00434 B]	0.00539 B	0.00527 B
Mercury	ND(0.000285) [ND(0.000285)]	0.000195 B	0.000192 B
Nickel	ND(0.0100) [0.00519 B]	ND(0.0100)	ND(0.0100)
Selenium	ND(0.0200) [ND(0.0200)]	ND(0.0200)	0.0111 B
Silver	ND(0.0100) [ND(0.0100)]	0.000940 B	0.000910 B
Tin	ND(0.0100) [0.00892 B]	0.00451 B	0.00481 B
Vanadium	ND(0.0500) [ND(0.0500)]	0.00665 B	ND(0.0500)
Zinc	0.00361 B [ND(0.0200)]	0.0388	0.00586 B

TABLE 24-2
DATA RECEIVED DURING MAY 2007

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

Parameter / Sample ID: / Date Collected:	OPCA-MW-3 04/20/07	OPCA-MW4 04/18/07	OPCA-MW5R 04/18/07
Volatile Organics			
Tetrachloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010)
Toluene	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichloroethene	ND(0.0010)	0.0010	ND(0.0010)
PCBs-Filtered			
Aroclor-1260	ND(0.00011)	0.000043 J	0.00024
Total PCBs	ND(0.00011)	0.000043 J	0.00024
Semivolatile Organics			
bis(2-Ethylhexyl)phthalate	ND(0.010)	ND(0.010)	ND(0.010)
Furans			
2,3,7,8-TCDF	0.0000000037 J	ND(0.0000000016)	0.0000000017 J
TCDFs (total)	0.0000000037 J	ND(0.0000000016)	0.0000000017 J
1,2,3,7,8-PeCDF	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
2,3,4,7,8-PeCDF	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
PeCDFs (total)	ND(0.0000000055)	ND(0.0000000055) Q	ND(0.0000000053) Q
1,2,3,4,7,8-HxCDF	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
1,2,3,6,7,8-HxCDF	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
1,2,3,7,8,9-HxCDF	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
2,3,4,6,7,8-HxCDF	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
HxCDFs (total)	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
HpCDFs (total)	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
OCDF	ND(0.000000011)	ND(0.000000011)	ND(0.000000011)
Dioxins			
2,3,7,8-TCDD	ND(0.0000000021)	ND(0.0000000018)	ND(0.0000000016)
TCDDs (total)	ND(0.0000000021)	ND(0.0000000018)	ND(0.0000000016)
1,2,3,7,8-PeCDD	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
PeCDDs (total)	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
1,2,3,4,7,8-HxCDD	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
1,2,3,6,7,8-HxCDD	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
1,2,3,7,8,9-HxCDD	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
HxCDDs (total)	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
HpCDDs (total)	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
OCDD	ND(0.000000011)	0.000000015 J	0.000000019 J
Total TEQs (WHO TEFs)	0.0000000076	0.0000000073	0.0000000070
Inorganics-Unfiltered			
Sulfide	ND(1.00)	ND(1.00)	ND(1.00)
Inorganics-Filtered			
Antimony	ND(0.0400)	ND(0.0400)	ND(0.0400)
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	0.0566 B	0.00875 B	0.0161 B
Beryllium	0.00713 B	ND(0.0100)	0.00150 B
Chromium	ND(0.0100)	ND(0.0100)	ND(0.0100)
Copper	0.00755 B	0.00373 B	0.00403 B
Mercury	0.000197 B	ND(0.000285)	ND(0.000285)
Nickel	0.00664 B	0.00585 B	ND(0.0100)
Selenium	ND(0.0200)	ND(0.0200)	ND(0.0200)
Silver	0.00111 B	ND(0.0100)	ND(0.0100)
Tin	0.00705 B	0.0332	0.00102 B
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	0.0119 B	0.0290	0.0124 B

TABLE 24-2
DATA RECEIVED DURING MAY 2007

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

Parameter / Sample ID: / Date Collected:	OPCA-MW6 04/18/07	OPCA-MW7 04/19/07	OPCA-MW8 04/17/07
Volatile Organics			
Tetrachloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010)
Toluene	ND(0.0010)	ND(0.0010)	0.011
Trichloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010)
PCBs-Filtered			
Aroclor-1260	ND(0.00011)	ND(0.00010)	ND(0.00012)
Total PCBs	ND(0.00011)	ND(0.00010)	ND(0.00012)
Semivolatile Organics			
bis(2-Ethylhexyl)phthalate	ND(0.010)	ND(0.010)	ND(0.010)
Furans			
2,3,7,8-TCDF	ND(0.0000000012)	ND(0.0000000019)	0.0000000014 J
TCDFs (total)	ND(0.0000000012)	ND(0.0000000019)	0.0000000014 J
1,2,3,7,8-PeCDF	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
2,3,4,7,8-PeCDF	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
PeCDFs (total)	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051) Q
1,2,3,4,7,8-HxCDF	ND(0.0000000053)	0.0000000057 J	ND(0.0000000051)
1,2,3,6,7,8-HxCDF	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
1,2,3,7,8,9-HxCDF	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
2,3,4,6,7,8-HxCDF	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
HxCDFs (total)	ND(0.0000000053)	0.0000000057 J	ND(0.0000000051)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
HpCDFs (total)	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
OCDF	ND(0.000000011)	ND(0.000000011)	ND(0.000000010)
Dioxins			
2,3,7,8-TCDD	ND(0.0000000015)	ND(0.0000000019)	ND(0.0000000015)
TCDDs (total)	ND(0.0000000015)	ND(0.0000000019)	ND(0.0000000015)
1,2,3,7,8-PeCDD	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
PeCDDs (total)	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
1,2,3,4,7,8-HxCDD	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
1,2,3,6,7,8-HxCDD	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
1,2,3,7,8,9-HxCDD	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
HxCDDs (total)	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000053)	ND(0.0000000056)	0.0000000063 J
HpCDDs (total)	ND(0.0000000053)	ND(0.0000000056)	0.0000000063 J
OCDD	ND(0.000000011)	0.000000016 J	0.000000035 J
Total TEQs (WHO TEFs)	0.0000000068	0.0000000078	0.0000000067
Inorganics-Unfiltered			
Sulfide	ND(1.00)	ND(1.00)	ND(1.00)
Inorganics-Filtered			
Antimony	ND(0.0400)	ND(0.0400)	ND(0.0400)
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	0.00684 B	0.0243 B	0.00799 B
Beryllium	0.00307 B	ND(0.0100)	ND(0.0100)
Chromium	ND(0.0100)	0.00436 B	ND(0.0100)
Copper	0.00233 B	0.00518 B	0.00207 B
Mercury	ND(0.000285)	0.000198 B	ND(0.000285)
Nickel	ND(0.0100)	ND(0.0100)	ND(0.0100)
Selenium	ND(0.0200)	0.00889 B	ND(0.0200)
Silver	ND(0.0100)	0.000750 B	ND(0.0100)
Tin	0.00108 B	0.00611 B	0.00412 B
Vanadium	ND(0.0500)	0.00657 B	ND(0.0500)
Zinc	ND(0.0200)	0.0400	0.00294 B

TABLE 24-2
DATA RECEIVED DURING MAY 2007

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

Notes:

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

Data Qualifiers:

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

J - Indicates an estimated value less than the practical quantitation limit (PQL).
Q - Indicates the presence of quantitative interferences.

Inorganics

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

TABLE 24-3
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 4

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 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	5/29/2007	16.85	---	0.00	---	26.25	0.00	987.10

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)
MAY 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)

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Awaiting EPA approval of GE's April 26, 2007 Baseline Assessment Final Report and Long-Term Monitoring Program Proposal.

f. Proposed/Approved Work Plan Modifications

None

ARCADIS BBL

Attachment A

NPDES Sampling Records
and Results – May 2007

TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 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-A8161	5/1/07	Water	Accutest	PCB	5/14/07
NPDES Sampling	001-A8162	5/1/07	Water	Columbia	Oil & Grease	5/9/07
NPDES Sampling	001-A8179	5/9/07	Water	Columbia	TSS	5/17/07
NPDES Sampling	005-A8128/A8127	4/24/07	Water	Accutest	PCB	5/9/07
NPDES Sampling	005-A8164/A8165	5/1/07	Water	Accutest	PCB	5/14/07
NPDES Sampling	005-A8177/A8178	5/8/07	Water	Accutest	PCB	Cancelled
NPDES Sampling	005-A8177/A8178-ARC	5/8/07	Water	Accutest	PCB	5/31/07
NPDES Sampling	005-A8199/A8200	5/15/07	Water	Accutest	PCB, BOD	
NPDES Sampling	005-A8199/A8200	5/15/07	Water	Columbia	TSS	5/23/07
NPDES Sampling	005-A8212/A8213	5/22/07	Water	Accutest	PCB	
NPDES Sampling	005-A8223/A8224	5/29/07	Water	Accutest	PCB	
NPDES Sampling	06A-A8185	5/11/07	Water	Columbia	Oil & Grease	5/22/07
NPDES Sampling	06A-A8187	5/11/07	Water	Accutest	PCB	5/31/07
NPDES Sampling	09B-A8132	4/25/07	Water	Accutest	BOD	5/9/07
NPDES Sampling	09B-A8132	4/25/07	Water	Columbia	TSS	5/3/07
NPDES Sampling	09B-A8159	4/30/07	Water	Accutest	BOD	5/11/07
NPDES Sampling	09B-A8159	4/30/07	Water	Columbia	TSS	5/9/07
NPDES Sampling	09B-A8182	5/9/07	Water	Accutest	BOD	Cancelled
NPDES Sampling	09B-A8182	5/9/07	Water	Columbia	TSS	5/17/07
NPDES Sampling	09B-A8190	5/11/07	Water	Accutest	BOD	5/31/07
NPDES Sampling	09B-A8197	5/14/07	Water	Accutest	BOD	5/31/07
NPDES Sampling	09B-A8197	5/14/07	Water	Columbia	TSS	5/22/07
NPDES Sampling	09B-A8210	5/21/07	Water	Accutest	BOD	
NPDES Sampling	09B-A8210	5/21/07	Water	Columbia	TSS	5/31/07
NPDES Sampling	09B-A8225	5/29/07	Water	Accutest	BOD	
NPDES Sampling	09B-A8225	5/29/07	Water	Columbia	TSS	
NPDES Sampling	09C-A8133	4/25/07	Water	Columbia	Oil & Grease	5/9/07
NPDES Sampling	09C-A8167	5/2/07	Water	Columbia	Oil & Grease	5/10/07
NPDES Sampling	09C-A8183	5/11/07	Water	Columbia	Oil & Grease	5/22/07
NPDES Sampling	09C-A8201	5/16/07	Water	Columbia	Oil & Grease	5/23/07
NPDES Sampling	09C-A8203	5/20/07	Water	Columbia	Oil & Grease	5/31/07
NPDES Sampling	09C-A8216	5/28/07	Water	Columbia	Oil & Grease	
NPDES Sampling	64G-A8125	4/23/07	Water	Columbia	Oil & Grease	5/2/07
NPDES Sampling	64G-A8157	4/30/07	Water	Columbia	Oil & Grease	5/9/07
NPDES Sampling	64G-A8172	5/7/07	Water	Columbia	Oil & Grease	5/17/07
NPDES Sampling	64G-A8195	5/14/07	Water	Columbia	Oil & Grease	5/23/07

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

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
NPDES Sampling	64G-A8208	5/21/07	Water	Columbia	Oil & Grease	5/31/07
NPDES Sampling	64G-A8220	5/28/07	Water	Columbia	Oil & Grease	
NPDES Sampling	64T-A8123	4/23/07	Water	Columbia	Oil & Grease	5/2/07
NPDES Sampling	64T-A8155	4/30/07	Water	Columbia	Oil & Grease	5/9/07
NPDES Sampling	64T-A8170	5/7/07	Water	Columbia	Oil & Grease	5/17/07
NPDES Sampling	64T-A8193	5/14/07	Water	Columbia	Oil & Grease	5/23/07
NPDES Sampling	64T-A8206	5/21/07	Water	Columbia	Oil & Grease	5/31/07
NPDES Sampling	64T-A8218	5/28/07	Water	Columbia	Oil & Grease	
NPDES Sampling	A8121C	4/17/07	Water	Aquatec	Acute Toxicity Test	5/7/07
NPDES Sampling	A8121CCN	4/17/07	Water	Columbia	CN	5/1/07
NPDES Sampling	A8121C-F	4/17/07	Water	Columbia	Formaldehyde	5/30/07
NPDES Sampling	A8121C-S	4/17/07	Water	Columbia	Sulfur	5/30/07
NPDES Sampling	A8121CTM	4/17/07	Water	Columbia	Metals (10)	5/1/07
NPDES Sampling	A8121DTM	4/17/07	Water	Columbia	Filtered Metals (8)	5/1/07
NPDES Sampling	A8122R	4/17/07	Water	Aquatec	Acute Toxicity Test	5/7/07
NPDES Sampling	A8122RCN	4/17/07	Water	Columbia	CN	5/1/07
NPDES Sampling	A8122R-F	4/17/07	Water	Columbia	Formaldehyde	5/30/07
NPDES Sampling	A8122R-S	4/17/07	Water	Columbia	Sulfur	5/30/07
NPDES Sampling	A8122RTM	4/17/07	Water	Columbia	Metals (10)	5/1/07
NPDES Sampling	A8175C	5/9/07	Water	Aquatec	Acute Toxicity Test	
NPDES Sampling	A8175CCN	5/9/07	Water	Columbia	CN	5/18/07
NPDES Sampling	A8175CDM	5/9/07	Water	Columbia	Filtered Metals (8)	5/18/07
NPDES Sampling	A8175CTM	5/9/07	Water	Columbia	Metals (10)	5/18/07
NPDES Sampling	A8176R	5/9/07	Water	Aquatec	Acute Toxicity Test	
NPDES Sampling	A8176RCN	5/9/07	Water	Columbia	CN	5/18/07
NPDES Sampling	A8176RTM	5/9/07	Water	Columbia	Metals (10)	5/18/07
NPDES Sampling	APR07WK4	4/25/07	Water	Columbia	Cu, Pb, Zn	5/3/07
NPDES Sampling	JUN07WK1	5/29/07	Water	Columbia	Cu, Pb, Zn	
NPDES Sampling	MAY07WK1	5/1/07	Water	Columbia	Cu, Pb, Zn	5/9/07
NPDES Sampling	MAY07WK3	5/15/07	Water	Columbia	Cu, Pb, Zn	5/23/07
NPDES Sampling	MAY07WK4	5/22/07	Water	Columbia	Cu, Pb, Zn	5/31/07

TABLE A-2
DATA RECEIVED DURING MAY 2007

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

Parameter / Sample ID: / Date Collected:	001-A8161 05/01/07	001-A8162 05/01/07	001-A8179 05/09/07	005-A8128/A8127 04/24/07	005-A8164/A8165 05/01/07	005-A8177/A8178-ARC 05/08/07	005-A8199/A8200 05/15/07
PCBs-Unfiltered							
Aroclor-1254	ND(0.000053)	NA	NA	ND(0.000050)	ND(0.000050)	ND(0.00052)	NA
Aroclor-1260	ND(0.000053)	NA	NA	ND(0.000050)	0.000080	ND(0.00052)	NA
Total PCBs	ND(0.000053)	NA	NA	ND(0.000050)	0.000080	ND(0.00052)	NA
Inorganics-Unfiltered							
Aluminum	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered							
Aluminum	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA
Conventionals							
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA
Formaldehyde	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	ND(5.1)	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	1.40	NA	NA	NA	ND(1.00)
Sulfur	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING MAY 2007

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

Parameter / Sample ID: / Date Collected:	06A-A8185 05/11/07	06A-A8187 05/11/07	09B-A8132 04/25/07	09B-A8159 04/30/07	09B-A8182 05/09/07	09B-A8190 05/11/07	09B-A8197 05/14/07	09B-A8210 05/21/07
PCBs-Unfiltered								
Aroclor-1254	NA	0.0045	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	0.0020	NA	NA	NA	NA	NA	NA
Total PCBs	NA	0.0065	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals								
Biological Oxygen Demand (5-day)	NA	NA	ND(2.0)	ND(2.0)	NA	4.8	ND(2.0)	NA
Formaldehyde	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	ND(5.0)	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	3.90	4.70	2.10	NA	5.20	2.30
Sulfur	NA	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING MAY 2007

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

Parameter / Sample ID: / Date Collected:	09C-A8133 04/25/07	09C-A8167 05/02/07	09C-A8183 05/11/07	09C-A8201 05/16/07	09C-A8203 05/20/07	64G-A8125 04/23/07	64G-A8157 04/30/07	64G-A8172 05/07/07
PCBs-Unfiltered								
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals								
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA
Formaldehyde	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA
Sulfur	NA	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING MAY 2007

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

Parameter / Sample ID: / Date Collected:	64G-A8195 05/14/07	64G-A8208 05/21/07	64T-A8123 04/23/07	64T-A8155 04/30/07	64T-A8170 05/07/07	64T-A8193 05/14/07	64T-A8206 05/21/07	A8121CCN 04/17/07	A8121C-F 04/17/07
PCBs-Unfiltered									
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	ND(0.0100)	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals									
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Formaldehyde	NA	NA	NA	NA	NA	NA	NA	NA	0.0063
Oil & Grease	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfur	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING MAY 2007

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

Parameter / Sample ID: / Date Collected:	A8121C-S 04/17/07	A8121CTM 04/17/07	A8121DTM 04/17/07	A8122RCN 04/17/07	A8122R-F 04/17/07	A8122R-S 04/17/07	A8122RTM 04/17/07	A8175CCN 05/09/07
PCBs-Unfiltered								
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered								
Aluminum	NA	0.188	NA	NA	NA	NA	0.230	NA
Cadmium	NA	ND(0.00500)	NA	NA	NA	NA	ND(0.00500)	NA
Calcium	NA	47.0	NA	NA	NA	NA	4.90	NA
Chromium	NA	ND(0.0100)	NA	NA	NA	NA	ND(0.0100)	NA
Copper	NA	ND(0.0200)	NA	NA	NA	NA	ND(0.0200)	NA
Cyanide	NA	NA	NA	ND(0.0100)	NA	NA	NA	0.0505
Lead	NA	0.00500	NA	NA	NA	NA	ND(0.00500)	NA
Magnesium	NA	17.9	NA	NA	NA	NA	2.00	NA
Nickel	NA	ND(0.0400)	NA	NA	NA	NA	ND(0.0400)	NA
Silver	NA	ND(0.0100)	NA	NA	NA	NA	ND(0.0100)	NA
Zinc	NA	0.0346	NA	NA	NA	NA	ND(0.0200)	NA
Inorganics-Filtered								
Aluminum	NA	NA	ND(0.100)	NA	NA	NA	NA	NA
Cadmium	NA	NA	ND(0.00500)	NA	NA	NA	NA	NA
Chromium	NA	NA	ND(0.0100)	NA	NA	NA	NA	NA
Copper	NA	NA	ND(0.0200)	NA	NA	NA	NA	NA
Lead	NA	NA	ND(0.00500)	NA	NA	NA	NA	NA
Nickel	NA	NA	ND(0.0400)	NA	NA	NA	NA	NA
Silver	NA	NA	ND(0.0100)	NA	NA	NA	NA	NA
Zinc	NA	NA	0.0460	NA	NA	NA	NA	NA
Conventionals								
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA
Formaldehyde	NA	NA	NA	NA	ND(0.0060)	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA
Sulfur	4.4	NA	NA	NA	NA	0.076	NA	NA

TABLE A-2
DATA RECEIVED DURING MAY 2007

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

Parameter / Sample ID: / Date Collected:	A8175CDM 05/09/07	A8175CTM 05/09/07	A8176RCN 05/09/07	A8176RTM 05/09/07	APR07WK4 04/25/07	MAY07WK1 05/01/07	MAY07WK3 05/15/07	MAY07WK4 05/22/07
PCBs-Unfiltered								
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered								
Aluminum	NA	ND(0.100)	NA	ND(0.100)	NA	NA	NA	NA
Cadmium	NA	ND(0.00500)	NA	ND(0.00500)	NA	NA	NA	NA
Calcium	NA	73.0	NA	15.6	NA	NA	NA	NA
Chromium	NA	ND(0.0100)	NA	ND(0.0100)	NA	NA	NA	NA
Copper	NA	ND(0.0200)	NA	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200)
Cyanide	NA	NA	ND(0.0100)	NA	NA	NA	NA	NA
Lead	NA	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Magnesium	NA	29.6	NA	6.01	NA	NA	NA	NA
Nickel	NA	ND(0.0400)	NA	ND(0.0400)	NA	NA	NA	NA
Silver	NA	ND(0.0100)	NA	ND(0.0100)	NA	NA	NA	NA
Zinc	NA	ND(0.0200)	NA	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200)
Inorganics-Filtered								
Aluminum	ND(0.100)	NA	NA	NA	NA	NA	NA	NA
Cadmium	ND(0.00500)	NA	NA	NA	NA	NA	NA	NA
Chromium	ND(0.0100)	NA	NA	NA	NA	NA	NA	NA
Copper	ND(0.0200)	NA	NA	NA	NA	NA	NA	NA
Lead	ND(0.00500)	NA	NA	NA	NA	NA	NA	NA
Nickel	ND(0.0400)	NA	NA	NA	NA	NA	NA	NA
Silver	ND(0.0100)	NA	NA	NA	NA	NA	NA	NA
Zinc	0.0233	NA	NA	NA	NA	NA	NA	NA
Conventionals								
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA
Formaldehyde	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA
Sulfur	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

1. Samples were collected by General Electric Company, and were submitted to Accutest Laboratories and Columbia Analytical Services, Inc. for analysis of PCBs, semivolatiles, cyanide, TSS, BOD, oil & grease, metals (filtered and unfiltered), formaldehyde and sulfur.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. With the exception of inorganics and conventional parameters, only those constituents detected in one or more samples are summarized.

ARCADIS BBL

Attachment B

NPDES Discharge
Monitoring Reports
April 2007

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201

FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201

ATTN:MICHAEL T CARROLL, EHS&F

MA0003891	0051
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	04	01	TO	07	04	30

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
WATERS TO HOUSATONIC RIVER
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
BOD, 5-day, 20 deg. C	SAMPLE MEASUREMENT	3.8	3.8	LBS/DY	******	******	******		0	01/30	CP
00310 T 0 See Comments	PERMIT REQUIREMENT	90 MO AVG	135 DAILY MX	lb/d	******	******	******			Once Per Month	COMPOS
Solids, total suspended	SAMPLE MEASUREMENT	0	0	LBS/DY	******	******	******		0	01/30	CP
00530 T 0 See Comments	PERMIT REQUIREMENT	188 MO AVG	270 DAILY MX	lb/d	******	******	******			Once Per Month	COMPOS
Oil & grease	SAMPLE MEASUREMENT	******	0	LBS/DY	******	******	0	MG/L	0	01/07	GR
00556 T 0 See Comments	PERMIT REQUIREMENT	******	135 DAILY MX	lb/d	******	******	15 DAILY MX	mg/L		Weekly	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	0.00048	0.00174	LBS/DY	******	******	******		0	01/07	CP
39516 T 0 See Comments	PERMIT REQUIREMENT	.01 MO AVG	.03 DAILY MX	lb/d	******	******	******			Weekly	COMPOS
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.278	0.674	MGD	******	******	******		0	99/99	RC
50050 T 0 See Comments	PERMIT REQUIREMENT	2.09 MO AVG	2.09 DAILY MX	Mgal/d	******	******	******			Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413	494-5902	2007	5	23
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	YEAR	MO	DAY

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

SEE PAGE 8 + 9 OF PERMIT FOR SAMPLING REQUIREMENTS. SEE DMR(S) 064G + 064T FOR FURTHER PARAMETERS.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201

FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201

ATTN:MICHAEL T CARROLL, EHS&F

MA0003891	064G
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD						
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	04	01	TO	07	04	30

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
GROUNDWATER TREATMENT (005)
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******		7.5	******	7.9	SU	0	99/99	RCDR
00400 T 0 See Comments	PERMIT REQUIREMENT	******	******		6 MINIMUM	******	9 MAXIMUM	SU		Weekly	RANG-C
Base neutrals & acid (Method 625), total	SAMPLE MEASUREMENT	******	******		******	NODI [9]	NODI [9]				
76030 T 0 See Comments	PERMIT REQUIREMENT	******	******		******	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Quarterly	GRAB
Volatile compounds, (GC/MS)	SAMPLE MEASUREMENT	******	******		******	NODI [9]	NODI [9]				
78732 T 0 See Comments	PERMIT REQUIREMENT	******	******		******	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Quarterly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413	494-5902	2007	5	23
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
SEE COMMENTS FOR 0051. SEE PAGE 8+ 9 OF PERMIT.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

MA0003891	064T
PERMIT NUMBER	**DISCHARGE NUMBER**

MONITORING PERIOD						
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	04	01	TO	07	04	30

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
WASTEWATER TREATMENT (005)
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******		7.1	******	8.0	SU	0	99/99	RCDR
00400 T 0 See Comments	PERMIT REQUIREMENT	******	******		6 MINIMUM	******	9 MAXIMUM	SU		Weekly	RANG-C
Dibenzofuran	SAMPLE MEASUREMENT	******	******		******	NODI [2]	NODI [2]				
81302 T 0 See Comments	PERMIT REQUIREMENT	******	******		******	Req. Mon. MO AVG	Req. Mon. DAILY MX	ppt		Once Per Month	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413	494-5902	2007	5	23
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
SEE COMMENTS FOR 0051. SEE PAGE 8+ 9 OF PERMIT.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

MA0003891	0071
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	04	01	TO	07	04	30

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
DISCHARGE TO HOUSATONIC RIVER
External Outfall
No Discharge ☒

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Temperature, water deg. fahrenheit	SAMPLE MEASUREMENT	******	******		******						
00011 W 0 See Comments	PERMIT REQUIREMENT	******	******		******	70 MO AVG	75 DAILY MX	deg F		Once Per Month	GRAB
pH	SAMPLE MEASUREMENT	******	******			******					
00400 W 0 See Comments	PERMIT REQUIREMENT	******	******		6 MINIMUM	******	9 MAXIMUM	SU		Weekly	RANG-C
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	******	******		******						
39516 W 0 See Comments	PERMIT REQUIREMENT	******	******		******	Req. Mon. MO AVG	Req. Mon. DAILY MX	ppb		Quarterly	GRAB
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT				******	******	******				
50050 W 0 See Comments	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******			Once Per Month	CALCTD

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413	494-5902	2007	5	23
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
SAMPLE AT MANHOLE PRIOR TO CITY STORM DRAIN.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201

FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201

ATTN:MICHAEL T CARROLL, EHS&F

MA0003891	009A
PERMIT NUMBER	**DISCHARGE NUMBER**

MONITORING PERIOD						
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	04	01	TO	07	04	30

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
09A SAMPLE POINT BEFORE 009
External Outfall

No Discharge [X]

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
BOD, 5-day, 20 deg. C	SAMPLE MEASUREMENT				******	******	******				
00310 V 0 See Comments	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	lb/d	******	******	******			Weekly	COMPOS
Solids, total suspended	SAMPLE MEASUREMENT				******	******	******				
00530 V 0 See Comments	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	lb/d	******	******	******			Weekly	COMPOS
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT				******	******	******				
50050 V 0 See Comments	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******			Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413	494-5902	2007	5	23
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
SEE PAGE 11 OF PERMIT. SEE DMR 0091. SAMPLE AT 09A.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

MA0003891	009B
PERMIT NUMBER	**DISCHARGE NUMBER**

	MONITORING PERIOD						
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	04	01	TO	07	04	30

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
09B SAMPLE POINT PRIOR TO 009
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
BOD, 5-day, 20 deg. C	SAMPLE MEASUREMENT	0.16	0.63	LBS/DY	******	******	******		0	01/07	CP
00310 V 0 See Comments	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	lb/d	******	******	******			Weekly	COMPOS
Solids, total suspended	SAMPLE MEASUREMENT	0.19	0.75	LBS/DY	******	******	******		0	01/07	CP
00530 V 0 See Comments	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	lb/d	******	******	******			Weekly	COMPOS
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.004	0.038	MGD	******	******	******		0	99/99	RC
50050 V 0 See Comments	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******			Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413	494-5902	2007	5	23
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
SEE PAGE 11 OF PERMIT. SEE DMR 0091; SAMPLE AT 09B.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201

FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201

ATTN:MICHAEL T CARROLL, EHS&F

MA0003891	0091
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	04	01	TO	07	04	30

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
PROCESSES TO UNKAMET BROOK
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
BOD, 5-day, 20 deg. C	SAMPLE MEASUREMENT	0.2	0.6	LBS/DY	******	******	******		0	01/07	CP
00310 V 0 See Comments	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	lb/d	******	******	******			Weekly	COMPOS
pH	SAMPLE MEASUREMENT	******	******		7.5	******	8.1	SU	0	01/07	GR
00400 V 0 See Comments	PERMIT REQUIREMENT	******	******		6 MINIMUM	******	9 MAXIMUM	SU		Weekly	RANG-C
Solids, total suspended	SAMPLE MEASUREMENT	0.2	0.8	LBS/DY	******	******	******		0	01/07	CP
00530 V 0 See Comments	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	lb/d	******	******	******			Weekly	COMPOS
Oil & grease	SAMPLE MEASUREMENT	******	0	LBS/DY	******	******	0	MG/L	0	01/07	GR
00556 V 0 See Comments	PERMIT REQUIREMENT	******	438 DAILY MX	lb/d	******	******	15 DAILY MX	mg/L		Weekly	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	******	******		******	NODI [9]	NODI [9]				
39516 V 0 See Comments	PERMIT REQUIREMENT	******	******		******	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Quarterly	GRAB
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.004	0.038	MGD	******	******	******		0	99/99	RC
50050 V 0 See Comments	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******			Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413	494-5902	2007	5	23
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	YEAR	MO	DAY

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

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201

FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201

ATTN:MICHAEL T CARROLL, EHS&F

MA0003891	SUMA
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD						
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	04	01	TO	07	04	30

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
METALS:001,004,005,007,009,011
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Phosphorus, total (as P)	SAMPLE MEASUREMENT	******	1.16	LBS/DY	******	******	******		0	01/30	CP
00665 1 0 Effluent Gross	PERMIT REQUIREMENT	******	Req. Mon. DAILY MX	lb/d	******	******	******			Once Per Month	COMPOS
Nickel, total recoverable	SAMPLE MEASUREMENT	******	0	LBS/DY	******	******	******		0	01/30	CP
01074 1 0 Effluent Gross	PERMIT REQUIREMENT	******	Req. Mon. DAILY MX	lb/d	******	******	******			Once Per Month	COMPOS
Silver total recoverable	SAMPLE MEASUREMENT	******	0	LBS/DY	******	******	******		0	01/30	CP
01079 1 0 Effluent Gross	PERMIT REQUIREMENT	******	Req. Mon. DAILY MX	lb/d	******	******	******			Once Per Month	COMPOS
Zinc, total recoverable	SAMPLE MEASUREMENT	******	0.4	LBS/DY	******	******	******		0	01/07	CP
01094 1 0 Effluent Gross	PERMIT REQUIREMENT	******	Req. Mon. DAILY MX	lb/d	******	******	******			Weekly	COMPOS
Aluminum, total (as Al)	SAMPLE MEASUREMENT	******	2.2	LBS/DY	******	******	******		0	01/30	CP
01105 1 0 Effluent Gross	PERMIT REQUIREMENT	******	Req. Mon. DAILY MX	lb/d	******	******	******			Once Per Month	COMPOS
Cadmium, total recoverable	SAMPLE MEASUREMENT	******	0	LBS/DY	******	******	******		0	01/30	CP
01113 1 0 Effluent Gross	PERMIT REQUIREMENT	******	Req. Mon. DAILY MX	lb/d	******	******	******			Once Per Month	COMPOS
Lead, total recoverable	SAMPLE MEASUREMENT	******	0.06	LBS/DY	******	******	******		0	01/07	CP
01114 1 0 Effluent Gross	PERMIT REQUIREMENT	******	Req. Mon. DAILY MX	lb/d	******	******	******			Weekly	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413	494-5902	2007	5	23
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	YEAR	MO	DAY

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201

FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201

ATTN:MICHAEL T CARROLL, EHS&F

MA0003891	SUMA
PERMIT NUMBER	**DISCHARGE NUMBER**

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	04	01	TO	07	04	30

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
METALS:001,004,005,007,009,011
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Chromium, total recoverable	SAMPLE MEASUREMENT	******	0	LBS/DY	******	******	******		0	01/30	CP
01118 1 0 Effluent Gross	PERMIT REQUIREMENT	******	Req. Mon. DAILY MX	lb/d	******	******	******			Once Per Month	COMPOS
Copper, total recoverable	SAMPLE MEASUREMENT	******	0	LBS/DY	******	******	******		0	01/07	CP
01119 1 0 Effluent Gross	PERMIT REQUIREMENT	******	Req. Mon. DAILY MX	lb/d	******	******	******			Weekly	COMPOS
Cyanide, total recoverable	SAMPLE MEASUREMENT	******	0	LBS/DY	******	******	******		0	01/30	CP
78248 1 0 Effluent Gross	PERMIT REQUIREMENT	******	Req. Mon. DAILY MX	lb/d	******	******	******			Once Per Month	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413	494-5902	2007	5	23
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	YEAR	MO	DAY

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

MA0003891	SUMB
PERMIT NUMBER	**DISCHARGE NUMBER**

MONITORING PERIOD						
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	04	01	TO	07	04	30

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
TOXICS:001,004,005,007,009,011
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Noael Statre 48Hr Acute D. Pulex	SAMPLE MEASUREMENT	******	******		NODI [9]	******	******				
TDM3D 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******		35 DAILY MN	******	******	%		Once Per Month	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	413	494-5902	2007	5	23
TYPED OR PRINTED			AREA Code	NUMBER	YEAR	MO	DAY

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

MONTHLY DRY WEATHER TESTING. COMPOSITE PROPORTIONATE TO FLOW. FORJULY, AUG., SEPT. REPORT ACUTE ANDCHRONIC. SEE DMR SUMC FOR QUARTERLY WET WEATHER ACUTE. SUBMIT THISDMR WITH A NODI '9' WHEN SUBMITTINGWET WEATHER RESULTS ON DMR SUMC.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

MA0003891	SUM C MC
PERMIT NUMBER	**DISCHARGE NUMBER**

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	04	01	TO	07	07 MC	30

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
TOXICS:001,004,005,007,009,011
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Noael Statre 48Hr Acute D. Pulex	SAMPLE MEASUREMENT	******	******		100	******	******	%	0	01/30	CP
TDM3D 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******		REPORT DAILY MN MC	******	******	%		QTRLY MC	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413	494-5902	2007	5	23
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	YEAR	MO	DAY

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

MONTHLY WET WEATHER TESTING. COMPOSITE PROPORTIONATE TO FLOW. FORJULY, AUG., SEPT. REPORT ACUTE ANDCHRONIC. SEE DMR SUMC FOR QUARTERLY WET WEATHER ACUTE. SUBMIT THISDMR WITH A NODI '9' WHEN SUBMITTING DRY WEATHER RESULTS ON DMR SUM.

ARCADIS BBL

Attachment C

NPDES Biomonitoring Report
May 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

June 7, 2007

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

Re: NPDES Biomonitoring Report for May 2007
Submission #: R2737573

Dear Mr. Nicholson:

Enclosed is our report on the Acute Whole Effluent Toxicity testing conducted in May 2007. The Outfall Composite samples were collected on 5/9/07 at 10:40 am. The Housatonic River samples were collected on 5/9/07 at 7:50 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
May 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
June 7, 2007

TABLE OF CONTENTS

I. Summary

On May 8-9, 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 May 9, 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 May 8-9, 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	92%
Survival in laboratory water	100%
Survival in laboratory water with 100 mg/L sodium thiosulfate	100%
LC_{50} for Daphnia pulex in sodium chloride reference toxicant solution	3.069g NaCl/L May 9, 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
May 8-9, 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	0.275	ND (0.0500)
Chloride	CAS	169	17.0
Total Alkalinity	CAS	342	61.0
Total Organic Carbon	CAS	3.43	3.86
Total Phosphorus	CAS	ND (0.0500)	0.130
Total Solids	CAS	627	110
Total Suspended Solids	CAS	ND (1.00)	1.30
Hardness	Aquatec	320	70
Spec. Conductance (umhos)	Aquatec	1130	186
pH (SU)	Aquatec	7.4	6.8
TRC (start of toxicity test)	Aquatec	ND	ND
Cyanide	CAS	0.0505	ND (0.0100)
Aluminum, total	CAS	ND (0.100)	ND (0.100)
Aluminum, dissolved	CAS	ND (0.100)	NA
Cadmium, total	CAS	ND (0.00500)	ND (0.00500)
Cadmium, dissolved	CAS	ND (0.00500)	NA
Chromium, total	CAS	ND (0.0100)	ND (0.0100)
Chromium, dissolved	CAS	ND (0.0100)	NA
Copper, total	CAS	ND (0.0200)	ND (0.0200)
Copper, dissolved	CAS	ND (0.0200)	NA
Lead, total	CAS	ND (0.00500)	ND (0.00500)
Lead, dissolved	CAS	ND (0.00500)	NA
Nickel, total	CAS	ND (0.0400)	ND (0.0400)
Nickel, dissolved	CAS	ND (0.0400)	NA
Silver, total	CAS	ND (0.0100)	ND (0.0100)
Silver, dissolved	CAS	ND (0.0100)	NA
Zinc, total	CAS	ND (0.0200)	ND (0.0200)
Zinc, dissolved	CAS	0.0233	NA
pH (SU)	OB&G	7.89	7.81
Hardness	Aquatec	320	70

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

June 6, 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 May 10, 2007.

According to the Chain-of-Custody documentation the samples for Whole Effluent Toxicity (WET) Testing were collected on May 9, 2007. The samples were transported to Aquatec Biological Sciences, Inc. by courier and delivered on the following morning. The effluent sample (Sample 35245) was logged in for the acute 48-hour static toxicity test with *Daphnia pulex*. The receiving water sample (Sample 35246) was logged in for dilution water. A subsample of each sample was checked for residual chlorine and for alkalinity and hardness measurements at Aquatec Biological Sciences, Inc. The toxicity test was started on May 10, 2007, within the specified holding time.

At the conclusion of the toxicity test on May 12, 2007, a final count of surviving organisms was completed. The average survival was 84 - 100 percent in all test concentrations. Acute toxicity to *Daphnia pulex* was not detected, and the 48-hour LC50 reported as >100% effluent (Section 4.1 of the report).

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

Sincerely,

John Williams
Manager, Environmental Toxicology

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

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

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

Samples Collected in May 2007

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

SDG number: 10351
Effluent ID: Outfall Composite A8175C Aquatec sample number: 35245
Receiving water ID: Housatonic River A8176R Aquatec sample number: 35246

Study Director: John Williams

June 6, 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

6/6/07
Date

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

6/6/07
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: June 6, 2007

Authorized signature

John Williams
Name

Manager, Environmental Toxicology
Title

Aquatec Biological Sciences, Inc.
Laboratory

ACCREDITED IN ACCORDANCE WITH nelac

Certificate # 1737

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List of Tables

Summary
of
Static Acute Toxicity Test with *Daphnia pulex*

Sponsor:	General Electric
Protocol title:	US EPA-821-R-02-012. *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms*, 5th Ed., December 2002. Method 2021.0
Aquatec SDG:	10351
Test material:	Composite effluent from the General Electric Company located in Pittsfield, Massachusetts
GE sample ID:	OUTFALL COMPOSITE A8175C
Dilution water:	Water from the Housatonic River (grab sample)
GE sample ID:	HOUSATONIC RIVER A8176R
Dates collected:	May 9, 2007
Date received:	May 10, 2007
Test dates:	May 10-12, 2007
Test concentrations:	100%, 75%, 50%, 35%, 15%, 5% effluent. Dilution water control (Housatonic River A8176R) Laboratory control 1 (culture water) Laboratory control 2 (culture water with sodium thiosulfate)
Results:	The 48-hour LC50 value was determined to be >100% effluent. The Acute No-Observed-Effect-Concentration (A-NOEC) was 100% effluent.

1.0 Introduction

1.1 Background

In 1972, amendments were made to the Clean Water Act (CWA) prohibiting the discharge of any pollutant from a point source to waters of the United States, unless the discharge is authorized by a National Pollutant Discharge Elimination System (NPDES) permit. Since the passing of the 1972 amendments to the CWA, significant progress has been made in cleaning up industrial wastewater and municipal sewage point source discharges. EPA defines point sources as discrete discharges via pipes or man-made ditches.

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

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

1.2 Objective of the General Electric Study

The objective of this study was to measure the acute toxicity of the composite wastewater discharged by the General Electric facility located in Pittsfield, Massachusetts to the Housatonic River. The water flea, *Daphnia pulex* , is exposed to effluent and dilutions of effluent under static conditions. *Daphnia pulex* is routinely used by regulatory agencies and by contract laboratories for toxicity testing and EPA has published guidance documents for the performance of this test (U.S. EPA, 2002).

A toxicity test was conducted from May 10-12, 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, May 2004
Thermo-Orion 145 A+ Conductivity Meter	TOX1-016	Rev. 1, May 2004
Dissolved oxygen	TOX1-006	Rev. 7, May 2004
pH measurement	TOX1-007	Rev. 2, May 2004
Salinity: refraction method	TOX1-008	Rev. 3, January, 2003

2.2 Effluent and Receiving Water Samples

The effluent sample (Outfall Composite A8175C) was collected by GE personnel on May 9, 2007. The receiving water sample (Housatonic River A8176R) was a grab collected from the Housatonic River on May 9, 2007. Samples were delivered to Aquatec on the same day. Upon receipt at Aquatec on May 10, 2007, the temperature of the temperature blank contained within the cooler was 1.7°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 (6.9); dissolved oxygen (8.2 mg/L); conductivity (174 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 3.069 g NaCl/L with 95% confidence intervals of (uncalculated) 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 A8175C	Housatonic River A8176R HOUSATONIC RIVER A8176R
Temperature	20.4	20.3
pH	7.4	6.8
Alkalinity (as $CaCO_3$), mg/L	296	52
Hardness (as $CaCO_3$), mg/L	320	70
Dissolved oxygen, mg/L	9.3	9.3
Specific conductivity, uS/cm	1130	186
Salinity ($^o/_{oo}$)	0	0
Total residual chlorine (mg/L)	ND	ND

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

Table 2. Water quality measurements recorded during the 48-hour static toxicity test with *Daphnia pulex* exposed to General Electric Pittsfield Plant effluent, May 10-12, 2007.

Test Concentration (% effluent)	pH			Dissolved Oxygen (mg/L)			Temperature (°C)		
	0	24	48	0	24	48	0	24	48
Dechl. Control	6.8	-	6.6	8.5	-	9.0	20.7	19.9	19.5
Lab Control	6.9	-	6.5	8.2	-	9.0	20.4	20.1	19.0
Dilution Control	6.8	-	7.0	9.3	-	9.0	20.3	20.3	19.5
5%	7.0	-	7.2	9.4	-	9.0	20.4	19.9	19.5
15%	7.1	-	7.5	9.4	-	9.0	20.3	19.8	19.4
35%	7.2	-	7.9	9.3	-	9.0	20.4	19.8	19.4
50%	7.3	-	8.1	9.3	-	9.0	20.4	19.7	19.3
75%	7.4	-	8.3	9.3	-	9.0	20.5	19.7	19.2
100%	7.4	-	8.4	9.3	-	8.8	20.4	19.9	19.1

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

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

Table 3. Cumulative percent mortalities recorded during the 48-hour static acute toxicity test with *Daphnia pulex* exposed to General Electric Pittsfield Plant effluent, May 10-12, 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	0	0	0	0
Rec. Control	0	0	0	0	0	0	20	0	20	0	0	8
5%	0	0	0	0	0	0	0	0	20	0	0	4
15%	0	0	20	0	40	12	0	0	20	20	40	16
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	20	0	0	0	4
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: PRIORITY EXPRESS
Address: O'Brien & Gere	**Outfall Composite**	
1000 East Street, Gate 64	Project Number: 07003	Airbill Number:
City/State/Zip: Pittsfield, MA 01201	Sampler Name(s): SEAN COYLE KEVIN BOSSONNAUTT	
Telephone: (413) 494-6709	NPDES Permit #: MA0003891	Date Shipped: 5-9-07
Facsimile: 413-494-7052		
Contact Name: Sean Coyle	Quote #: 10/05 Client Code: GEPITTS	Hand Delivered: ☐ Yes ☒ No

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

SAMPLE IDENTIFICATION	COLLECTION DATE	COLLECTION TIME	GRAB	COMPOSITE	MATRIX	ANALYSIS (detection limits, mg/L)	NUMBER OF CONTAINERS
Outfall Composite A8175C	5/9/07	10 40 AM		X	Effluent	*Daphnia pulex* 48-h Static Acute Toxicity (EPA Method 2021.0). Log in for A48DPS	1
Outfall Composite A8175C	5/9/07	10 40 AM		X	Effluent	Total Residual Chlorine	1
Housatonic River A8176R	5/9/07	7 50 AM	X		Receiving	Dilution Water	1
Housatonic River A8176R	5/9/07	7 50 AM	X		Receiving	Total Residual Chlorine	1

Relinquished by: *(signature)*	DATE	TIME	Received by: *(signature)*
C. Coyle	5/9/07	2:20 pm	Steven Franck
Relinquished by: *(signature)*	DATE	TIME	Received by: *(signature)*
	5/10/07	8:15	J Gallant
Relinquished by: *(signature)*	DATE	TIME	Received by: *(signature)*

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

Notes to Lab: Ambient cooler temperature: 1.7 °C. Dechlorinate the effluent sample if chlorine is detected.

Appendix 2
Summary of Test Conditions

Client: GENERAL ELECTRIC, PITTSFIELD, MA, MA0003891 **SDG: 10351**

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:	25 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 A8175C Test Start Date: 5/10/07

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: May 9, 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: 5/9/07

PERMIT LIMITS AND TEST RESULTS

Test Acceptability Criteria: Mean Control Survival: 92 (%)

	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

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

Aquatec Biological Sciences, Inc.

Test Date: 5/10/07
Sample Date: 5/09/07
Species: Daphnia pulex
Test Type: Acute - 48 hours

Test Number: 53378
Test Material: Effluent - Industrial %
Source: MA0003891
General Electric Company
Pittsfield, MA

SUMMARY

End Point	Day	Transformation		Conc		#Reps	Mean	StDev	% Surv
Proportion Alive	2	Arc sine sqrt w/ adj.							
				0.000	B	5	1.35	0.000	
			X	0.000	D	5	1.25	.130	
			X	5.000	D	5	1.30	.106	
			X	15.000	D	5	1.16	.193	
			X	35.000	D	5	1.35	0.000	
			X	50.000	D	5	1.35	0.000	
			X	75.000	D	5	1.30	.106	
			X	100.000	D	5	1.35	0.000	
Proportion Alive	2	No transformation							
				0.000	B	5	1.00	0.000	
				0.000	D	5	.92	.110	
				5.000	D	5	.96	.089	
				15.000	D	5	.84	.167	
				35.000	D	5	1.00	0.000	
				50.000	D	5	1.00	0.000	
				75.000	D	5	.96	.089	
				100.000	D	5	1.00	0.000	

X = indicates concentrations used in calculations

- HYPOTHESIS TEST -

End Point	Day	Transformation/Analysis	NOEC	LOEC	TU	MSE	MSD
Proportion Alive	2	Arc sine sqrt w/ adj.					
		Steel many-one rank test	>100.000	>100.000	< 1.00	.011	.114

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

Aquatec Biological Sciences, Inc.

WATER FLEA TEST DATA

Test Number: 53378 ( ) Chronic (x) Acute 48 hours
Test Date: 10-May-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		5						1.00		
0.00 B	4		F	5		5						1.00		
0.00 B	5		F	5		5						1.00		
0.00 D	1		F	5		4						.80		
0.00 D	2		F	5		5						1.00		
0.00 D	3		F	5		4						.80		
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		4						.80		
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		4						.80		
15.00 D	4		F	5		4						.80		
15.00 D	5		F	5		3						.60		
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		4						.80		
75.00 D	3		F	5		5						1.00		
75.00 D	4		F	5		5						1.00		
75.00 D	5		F	5		5						1.00		
100.00 D	1		F	5		5						1.00		
100.00 D	2		F	5		5						1.00		
100.00 D	3		F	5		5						1.00		
100.00 D	4		F	5		5						1.00		
100.00 D	5		F	5		5						1.00		

6/6/07

Client: GENERAL ELECTRIC, PITTSFIELD, MA Test #: 53378 SDG: 10351
MA0003891
Test Description: *Daphnia pulex* 48-h daily renewal acute toxicity test

SURVIVAL DATA, SAMPLE 35245

Treatment (%)		Day 0	Day 1 # Surviving	Day 2 # Surviving
Rec.	A	5	5	4
Water	B	5	5	5
Contr	C	5	5	4
	D	5	5	5
	E	5	5	5
5.0	A	5	5	5
	B	5	5	5
	C	5	5	4
	D	5	5	5
	E	5	5	5
15	A	5	5	5
	B	5	5	5
	C	5	4	4
	D	5	5	4
	E	5	3	3
35	A	5	5	5
	B	5	5	5
	C	5	5	5
	D	5	4 ①	5
	E	5	4 ①	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	4
	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 #		35245		11:15
I/D/T		5-10-07 11:45	JG 5-11-07 11:50 JG	KK 5-12-07

① Assumed to be 5 alive at 24 h (5 surviving at 48-h)

Aquatec Biological Sciences, Inc. Williston Vermont
Reviewed by: _____ Date: 6/6/07

Client: GENERAL ELECTRIC, PITTSFIELD, MA Test #: 53378 SDG: 10351
MA0003891
Test Description: *Daphnia pulex* 48-h daily renewal acute toxicity test

SURVIVAL DATA, LAB CONTROL AND DECHLORINATION CONTROL

Treatment (%)		Day 0	Day 1 # Surviving	Day 2 # Surviving
Lab	A	5	5	5
Contr	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
Dechlor.	A	5	5	5
Control	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
			5-11-07 11:45 JG	11:45
I/D/T		←	JG 5-10-07 11:45	KK 5-12-07

JG

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

Daphnia pulex Culture Log

CULTURE ID	WATER RENEWAL? (Lot#)	FED (MWF *Sel*/YCT TuTh *Sel*)	CLEARED OF NEONATES? (TIME)	Culture Beakers Washed?	Temp. (°C)	DATE	INIT.
5/2 A,B,C 5/8 Mass	✓	YC/Sel	✓ 12:05	—	21.4°C	5-9-07	KK
5/2A,B,C 5/8MASS-Fed	—	Sel	Collected 9:35	-	19.2°C	5-10-07	JG

Selenastrum Lot#: 5907Sel
YC or YCT Lot#: 41207YC

Client: GENERAL ELECTRIC, PITTSFIELD, MA Test #: 53378 SDG: 10351
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	6.9	—	6.5
	DO	8.2	—	9.0
	Temp	20.4	20.1	19.0
	Cond.	174	--	189
Dechlorination Control	pH	6.8	—	6.6
	DO	8.5	—	9.0
	Temp	20.7	19.9	19.5
	Cond.	185	--	197
Rec. Water Contr	pH	6.8	—	7.0
	DO	9.3	—	9.0
	Temp	20.3	20.3	19.5
	Cond.	186	--	199
5.0	pH	7.0	—	7.2
	DO	9.4	—	9.0
	Temp	20.4	19.9	19.5
	Cond.	235	--	245
15	pH	7.1	—	7.5
	DO	9.4	—	9.0
	Temp	20.3	19.8	19.4
	Cond.	316	--	325
35	pH	7.2	—	7.9
	DO	9.3	—	9.0
	Temp	20.4	19.8	19.4
	Cond.	534	--	537
50	pH	7.3	—	8.1
	DO	9.3	—	9.0
	Temp	20.4	19.7	19.3
	Cond.	677	--	694
75	pH	7.4	—	8.3
	DO	9.3	—	9.0
	Temp	20.5	19.7	19.2
	Cond.	908	--	921
100	pH	7.4	—	8.4
	DO	9.3	—	8.8
	Temp	20.4	19.9	19.1
	Cond.	1130	--	1114
Sample #		35245	35245	35245
I/D (2007)	JG	5-10-07	JG 5-11-07	

Aquatec Biological Sciences, Inc. Williston Vermont
Reviewed by: _____ Date: 6/6/07

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
35245	GE Pittsfield #		5/10/07	25	18.8	26.2	JL	5/11/07	296.0	10	33	36.2	JL	5/10/07	320.0
35246	Housatonic River		5/10/07	25	26.2	27.5	JL	5/11/07	52.0	50	36.2	39.7	JL	5/10/07	70.0

J 6/6/07

28

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

Total Residual Chlorine Analysis

Client	SDG
GE Pittsfield, MA	10351

Sample #	Sample ID	Collection Date / Time	Analysis Date / Time / Analyst	Result (TRC mg/L)	Method
35245	Outfall Composite A8175C	5/9/07, 10:40	5/10/07 09:46 JW	<0.05	DPD Colorimetric
35246	Housatonic River A8176R	5/9/07, 07:50	5/10/07 09:46 JW	<0.05	DPD Colorimetric

Sample Preparation

Client: GENERAL ELECTRIC, PITTSFIELD, MA MA0003891	**SDG: 10351**
Test Description: *Daphnia pulex* acute toxicity test.	**Test #: 53378**

Sample Identification:

Sample Description	Rec. Water (Housatonic River)	Effluent		
Sample #	35246	35245		

Sample Preparation:

Filtration	60 micron	60 micron	60 micron	60 micron
Chlorine [1]	ND	ND		
Dechlorine [2]	—	—		
Salinity (o/oo)	0 ppt	0 ppt		
Prepared by (Init./date)	KK 5-10-07	—		

[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

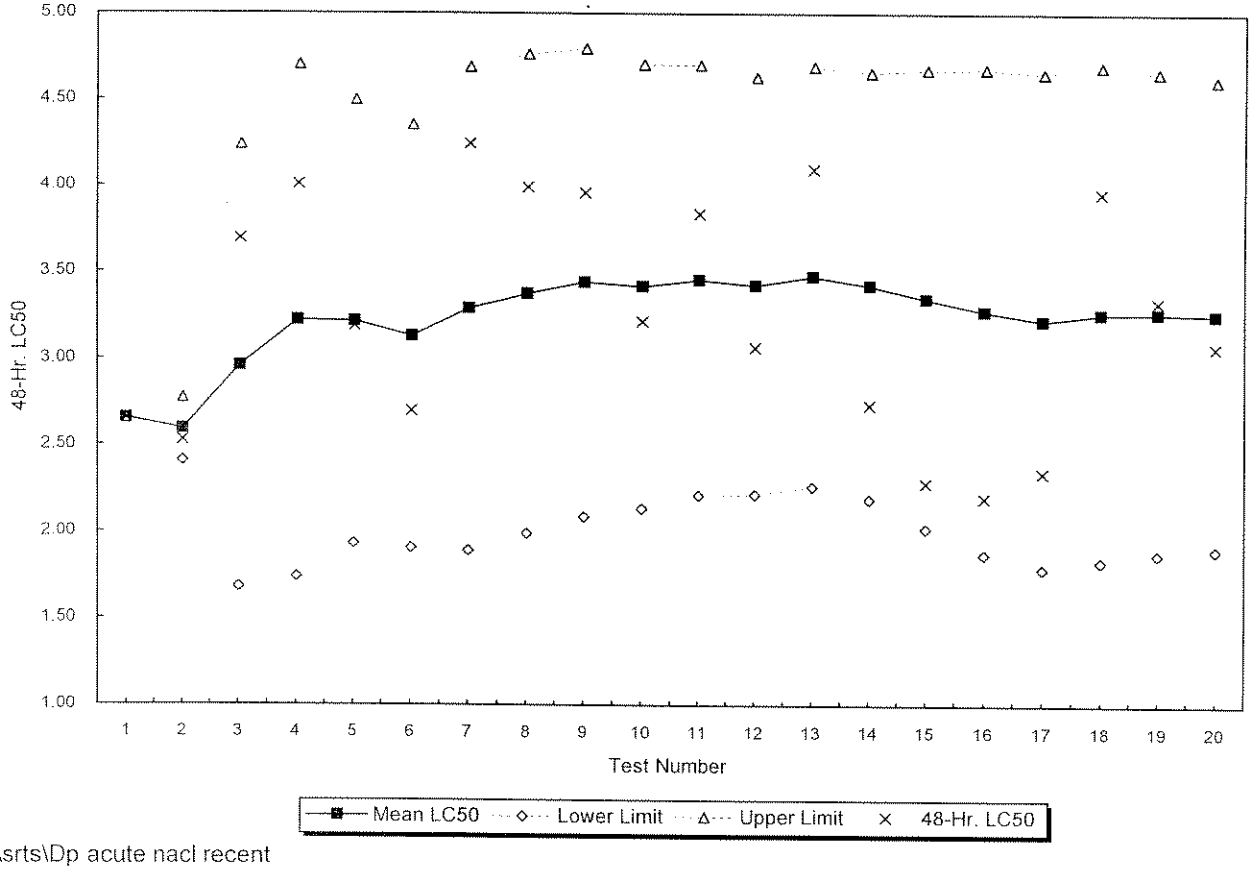
Concentration (%)	Volume Effluent (mL)	Volume Diluent (mL)	Total Volume (mL)
Laboratory Control	0	400	400
Thiosulfate Control	0	400	400
Rec. Water Control	0	400	400
5.0	20	380	400
15	60	340	400
35	140	260	400
50	200	200	400
75	300	100	400
100	400	0	400
Total Volume	1120	1680	

Comments:

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

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	11/02/05	1	2.655	2.66	2.66	2.66	Aquatec Biological Sciences
2	11/08/05	1	2.527	2.59	2.41	2.77	Aquatec Biological Sciences
3	12/07/05	1	3.693	2.96	1.68	4.24	Aquatec Biological Sciences
4	01/05/06	1	4.009	3.22	1.74	4.70	Aquatec Biological Sciences
5	02/08/06	1	3.189	3.21	1.93	4.50	Aquatec Biological Sciences
6	03/11/06	1	2.698	3.13	1.91	4.35	Aquatec Biological Sciences
7	04/06/06	1	4.243	3.29	1.89	4.69	Aquatec Biological Sciences
8	05/10/06	1	3.992	3.38	1.99	4.76	Aquatec Biological Sciences
9	06/07/06	1	3.959	3.44	2.09	4.80	Aquatec Biological Sciences
10	07/11/06	1	3.215	3.42	2.13	4.70	Aquatec Biological Sciences
11	08/08/06	1	3.839	3.46	2.21	4.70	Aquatec Biological Sciences
12	09/13/06	1	3.068	3.42	2.22	4.63	Aquatec Biological Sciences
13	10/11/06	1	4.098	3.48	2.26	4.69	Aquatec Biological Sciences
14	11/17/06	1	2.733	3.42	2.19	4.66	Aquatec Biological Sciences
15	12/13/06	1	2.281	3.35	2.02	4.67	Aquatec Biological Sciences
16	01/10/07	1	2.196	3.27	1.87	4.68	Aquatec Biological Sciences
17	02/07/07	1	2.34	3.22	1.79	4.65	Aquatec Biological Sciences
18	03/08/07	1	3.959	3.26	1.83	4.70	Aquatec Biological Sciences
19	04/18/07	1	3.329	3.26	1.87	4.66	Aquatec Biological Sciences
20	05/09/07	1	3.069	3.25	1.89	4.61	Aquatec Biological Sciences



qaqc\srts\Dp acute nacl recent

Appendix 5
Standard Reference Toxicant test Control Chart

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

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: May 9, 2007

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

Effluent Composite
Sample # A8175C
Date 5-9-07
Time 10:40AM
pH 7.89 su

River/Dilution Water
Sample # A8176R
Date 5/9/07
Time 7:50AM
pH 7.81 su

5/9/07
Signed & Dated

COLUMBIA ANALYTICAL SERVICES

Reported: 05/17/07

General Electric
Project Reference: GE-PITTSFIELD - BIOMONITORNING - 5/07
Client Sample ID : A8175C

Date Sampled : 05/09/07 10:40 **Order #:** 1001508 **Sample Matrix:** WATER
Date Received: 05/10/07 **Submission #:** R2737573

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1M	0.0500	0.275	MG/L	05/17/07		1.0
CHLORIDE	SM4500-C	1.00	169	MG/L	05/15/07	11:54	5.0
TOTAL ALKALINITY	SM2320B	2.00	324	MG/L	05/16/07	09:50	1.0
TOTAL ORGANIC CARBON	SM5310C	1.00	3.43	MG/L	05/17/07	14:40	1.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	05/16/07	13:28	1.0
TOTAL SOLIDS	SM2540B	10.0	627	MG/L	05/11/07	11:00	1.0
TOTAL SUSPENDED SOLIDS	SM2540D	1.00	1.00 U	MG/L	05/14/07	14:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 05/17/07

General Electric
Project Reference: GE-PITTSFIELD - BIOMONITORNING - 5/07
Client Sample ID : A8175CCN

Date Sampled : 05/09/07 10:40 **Order #:** 1001514 **Sample Matrix:** WATER
Date Received: 05/10/07 **Submission #:** R2737573

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0505	MG/L	05/11/07	14:27	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 05/17/07

General Electric
Project Reference: GE-PITTSFIELD - BIOMONITORNING - 5/07
Client Sample ID : A8175CTM

Date Sampled : 05/09/07 10:40 **Order #:** 1001511 **Sample Matrix:** WATER
Date Received: 05/10/07 **Submission #:** R2737573

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.100	0.100 U	MG/L	05/14/07	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	05/14/07	1.0
CALCIUM	200.7	1.00	73.0	MG/L	05/14/07	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	05/14/07	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	05/14/07	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	05/14/07	1.0
MAGNESIUM	200.7	1.00	29.6	MG/L	05/14/07	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	05/14/07	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	05/14/07	1.0
ZINC	200.7	0.0200	0.0200 U	MG/L	05/14/07	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 05/17/07

General Electric
Project Reference: GE-PITTSFIELD - BIOMONITORNING - 5/07
Client Sample ID : A8175CDM

Date Sampled : 05/09/07 10:40 **Order #:** 1001510 **Sample Matrix:** WATER
Date Received: 05/10/07 **Submission #:** R2737573

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.100	0.100 U	MG/L	05/14/07	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	05/14/07	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	05/14/07	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	05/14/07	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	05/14/07	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	05/14/07	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	05/14/07	1.0
ZINC	200.7	0.0200	0.0233	MG/L	05/14/07	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 05/17/07

General Electric
Project Reference: GE-PITTSFIELD - BIOMONITORNING - 5/07
Client Sample ID : A8176R

Date Sampled : 05/09/07 07:50 **Order #:** 1001507 **Sample Matrix:** WATER
Date Received: 05/10/07 **Submission #:** R2737573

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1M	0.0500	0.0500 U	MG/L	05/17/07		1.0
CHLORIDE	SM4500-C	1.00	17.0	MG/L	05/15/07	11:54	1.0
TOTAL ALKALINITY	SM2320B	2.00	61.0	MG/L	05/16/07	09:50	1.0
TOTAL ORGANIC CARBON	SM5310C	1.00	3.86	MG/L	05/17/07	13:42	1.0
TOTAL PHOSPHORUS	365.1	0.0500	0.130	MG/L	05/16/07	13:28	1.0
TOTAL SOLIDS	SM2540B	10.0	110	MG/L	05/11/07	11:00	1.0
TOTAL SUSPENDED SOLIDS	SM2540D	1.00	1.30	MG/L	05/14/07	14:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 05/17/07

General Electric
Project Reference: GE-PITTSFIELD - BIOMONITORNING - 5/07
Client Sample ID : A8176RCN

Date Sampled : 05/09/07 07:50 **Order #:** 1001513 **Sample Matrix:** WATER
Date Received: 05/10/07 **Submission #:** R2737573

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	05/11/07	14:27	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 05/17/07

General Electric
Project Reference: GE-PITTSFIELD - BIOMONITORNING - 5/07
Client Sample ID : A8176RTM

Date Sampled : 05/09/07 07:50 **Order #:** 1001512 **Sample Matrix:** WATER
Date Received: 05/10/07 **Submission #:** R2737573

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.100	0.100 U	MG/L	05/14/07	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	05/14/07	1.0
CALCIUM	200.7	1.00	15.6	MG/L	05/14/07	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	05/14/07	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	05/14/07	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	05/14/07	1.0
MAGNESIUM	200.7	1.00	6.01	MG/L	05/14/07	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	05/14/07	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	05/14/07	1.0
ZINC	200.7	0.0200	0.0200 U	MG/L	05/14/07	1.0

APPENDIX 3

Chain of Custody Forms

5/9/2007

ACUTE AQUATIC TOXICITY COMPOSITE

Month: May-07
Week: 2
Fiscal Wk: 19
Weather: ~~WET~~ DRY

This Effluent sample is a flow proportioned composite made from 24 Hr Composite samples collected at the indicated outfalls and specified times.

Outfall #	Collection Time	Gallons/Day	Ml in Composite	Percent of Composite
001	8:10AM	50,340	2,713.03	21.70%
004		0	-	0.00%
007		0	-	0.00%
64T	9:15AM	6,840	368.64	2.95%
64G	9:15AM	172,360	9,289.20	74.31%
09A		0	-	0.00%
09B	8:30AM	2,396	129.13	1.03%
		231,936	12500	100.00%

The Acute Toxicity Composite was made today by Kevin Brisson mault @ 1040

according to the table above, and given the sample ID# A8175C.

Chain-of-Custody Form Number: 5905
Analysis: DRY ACCUTE TOX COMPOSITE
TIME: Location: 10:40 AM Date: 5-9-07
Sample Label Serial Number A 8175C

Signed

5/9/07
Date

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

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE 2 OF 3

CAS Contact

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

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

PRESERVATIVE: 2 2 4 3 3

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 EPA 200.7 (List in comments below) (10)	METALS, DISSOLVED (0.2) CPA (List in comments below) 2007	CYANIDE EPA 335.4	TOC	TOTAL PHOSPHORUS & AMMONIA (NH3)					REMARKS/ ALTERNATE DESCRIPTION
A8175CTM	1001511	5/9/07	10:40 AM	H2O	1					X										
A8176RTM	1001512	5/9/07	7:50 AM	H2O	1					X										
A8175CDM	1001510	5/9/07	10:40 AM	H2O	1						X									
A8175CCN	1001514	5/9/07	10:40 AM	H2O	1							X								
A8176RCN	1001515	5/9/07	7:50 AM	H2O	1							X								
A8175C	1001508	5/9/07	10:40 AM	H2O	3								X							
A8176R	1001507	5/9/07	7:50 AM	H2O	3								X							
A8175C	1001508	5/9/07	10:40 AM	H2O	1									X						
A8176R	1001507	5/9/07	7:50 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 (10) TOTAL METALS & DISSOLVED METAL LISTED ON SAMPLE BOTTLES
- TOX. COMPOSITE SHEET & pH COMPOSITE 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 #: R2730523

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

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: C Coyle	Signature:	Signature:	Signature:	Signature:	Signature:
Printed Name: SEAN C. COYLE	Printed Name: Gregory V. Esmerian	Printed Name:	Printed Name:	Printed Name:	Printed Name:
Firm: OBL	Firm: CAS	Firm:	Firm:	Firm:	Firm:
Date/Time: 5/9/07, 12:45PM	Date/Time: 5-10-07 9:30	Date/Time:	Date/Time:	Date/Time:	Date/Time:

SCOC-1102-08

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

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 3 OF 3

CAS Contact

Project Name	Project Number
NPDES PERMIT	
Project Manager	**Report CC:**
J. NICHOLSON	

Company/Address
GE CEP
159 PLASTICS AVE, BLDG 59
PITTSFIELD, MA 01201

Phone #	FAX#
(413) 494-5915	(413) 448-5935

Sampler's Signature: Sean C. Coyle
Sampler's Printed Name: SEAN C. COYLE

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

PRESERVATIVE: Ø Ø Ø

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☐ 8260 ☐ 624 ☐ CLP	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	CHLORIDES	TOTAL SOLIDS	ALKALINITY	TSS SM2540D				REMARKS/ ALTERNATE DESCRIPTION
A7175C	1001508	5/9/07	10 40 AM	H2O	1								X							
A7176R	1001507	5/9/07	7 30 AM	H2O	1								X							
A7175C	1001508	5/9/07	10 40 AM	H2O	1									X						
A7176R	1001507	5/9/07	7 30 AM	H2O	1									X						
A7175C	1001508	5/9/07	10 40 AM	H2O	1										X					
A7176R	1001507	5/9/07	7 30 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
- 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 #: 12232573

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

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Sean C. Coyle	Signature:	Signature	Signature	Signature	Signature
Printed Name: SEAN C. COYLE	Printed Name: Gregory O. Esmerin	Printed Name	Printed Name	Printed Name	Printed Name
Firm: OBL	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time: 5/9/07, 12:45pm	Date/Time: 5-10-07 9:30	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 5-10-07 by: KE **COURIER:** CAS UPS (FEDEX) VELOCITY CLIENT

1.	Were custody seals on outside of cooler?	(YES)	NO			
2.	Were custody papers properly filled out (ink, signed, etc.)?	(YES)	NO			
3.	Did all bottles arrive in good condition (unbroken)?	(YES)	NO			
4.	Did any VOA vials have significant air bubbles?	YES	NO	(N/A)		
5.	Were **Ice** or **Ice packs** present?	(YES)	NO			
6.	Where did the bottles originate?	(CAS/ROC)	CLIENT			
7.	Temperature of cooler(s) upon receipt:	2.0°				
	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: 5-10-07 @ 9:42

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: GS 5/10/07

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: PRIORITY EXPRESS
Address: O'Brien & Gere	**Outfall Composite**	
1000 East Street, Gate 64	Project Number: 07003	Airbill Number:
City/State/Zip: Pittsfield, MA 01201	Sampler Name(s): SEAN COYLE KEVIN BOISSONNAULT	
Telephone: (413) 494-6709	NPDES Permit #: MA0003891	Date Shipped: 5-9-07
Facsimile: 413-494-7052		
Contact Name: Sean Coyle	Quote #: 10/05 Client Code: GEPITTS	Hand Delivered: ☐ Yes ☒ No

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

SAMPLE IDENTIFICATION	COLLECTION DATE	COLLECTION TIME	GRAB	COMPOSITE	MATRIX	ANALYSIS (detection limits, mg/L)	NUMBER OF CONTAINERS					
Outfall Composite A8175C	5/9/07	10:40 AM		X	Effluent	*Daphnia pulex* 48-h Static Acute Toxicity (EPA Method 2021.0). Log in for A48DPS	1					
Outfall Composite A8175C	5/9/07	10:40 AM		X	Effluent	Total Residual Chlorine					1	
Housatonic River A8176R	5/9/07	7:50 AM	X		Receiving	Dilution Water	1					
Housatonic River A8176R	5/9/07	7:50 AM	X		Receiving	Total Residual Chlorine					1	

Relinquished by: *(signature)*	DATE	TIME	Received by: *(signature)*
C. Coyle	5/9/07	2:20 PM	Steven Franck
	5/10/07	8:15	J Bolbert

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

Notes to Lab: Ambient cooler temperature: 1.7 °C. Dechlorinate the effluent sample if chlorine is detected.