GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

Transmitted via Overnight Courier

February 9, 2006

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

Ms. Susan Steenstrup
Bureau of Waste Site Cleanup
Department of Environmental Protection
436 Dwight Street
Springfield, MA 01103

Re: GE-Pittsfield/Housatonic River Site
Monthly Status Report Pursuant to Consent Decree for January 2006 (GECD900)

Dear Mr. Tagliaferro and Ms. Steenstrup:

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

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

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

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

Sincerely,

John F. Novotny /nme

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

Enclosure
V:\GE_Pittsfield_General\Reports and Presentations\Monthly Reports\2006\1-06 CD Monthly\Letter.doc

cc: Robert Cianciarulo, EPA (cover letter only)
Tim Conway, EPA (cover letter only)
Sharon Hayes, EPA
William Lovely, EPA (Items 7, 8, 9, 10, 11, 12, 16/17, 22, 23, and 25 only)
Rose Howell, EPA (cover letter only)
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)
Robert Bell, MDEP (cover letter only)
Anna Symington, MDEP (cover letter only)
Nancy E. Harper, MA AG
Susan Peterson, CT DEP
Field Supervisor, US FWS, DOI
Kenneth Finkelstein, Ph.D., NOAA (Items 13, 14, and 15 only)
Dale Young, MA EOEA
Mayor James Ruberto, City of Pittsfield
Thomas Hickey, Director, Pittsfield Economic Development Authority
Linda Palmieri, Weston (hard copy of report, CD-ROM of report, CD-ROM of data)
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)

JANUARY 2006

MONTHLY STATUS REPORT

PURSUANT TO CONSENT DECREE FOR GE-PITTSFIELD/HOUSATONIC RIVER SITE

GENERAL ELECTRIC COMPANY

PITTSFIELD, MASSACHUSETTS

Background

The General Electric Company (GE), the United States Environmental Protection Agency (EPA), the Massachusetts Department of Environmental Protection (MDEP), and other governmental entities have entered into a Consent Decree (CD) for the GE-Pittsfield/Housatonic River Site, which was entered by the U.S. Court on October 27, 2000. In accordance with Paragraph 67 of the CD, GE is submitting this monthly report, prepared on GE's behalf by Blasland, Bouck & Lee, Inc. (BBL), which summarizes the status of activities conducted by GE at the GE-Pittsfield/Housatonic River Site ("Site") (as defined in the CD).

This report covers activities in the areas listed below (as defined in the CD and/or the accompanying Statement of Work for Removal Actions Outside the River [SOW]). Only those areas that have had work activities for the month subject to reporting are included. The specific activities conducted pursuant to or in connection with the CD are noted with an asterisk.

General Activities (GECD900)

GE Plant Area (non-groundwater)

1. 20s, 30s, 40s Complexes (GECD120)
2. East Street Area 2 – South (GECD150)
3. East Street Area 2 – North (GECD140)
4. East Street Area 1 – North (GECD130)
5. Hill 78 and Building 71 Consolidation Areas (GECD210/220)
6. Hill 78 Area – Remainder (GECD160)
7. Unkamet Brook Area (GECD170)

Former Oxbow Areas (non-groundwater)

8. Former Oxbow Areas A & C (GECD410)
9. Lyman Street Area (GECD430)
10. Newell Street Area I (GECD440)
11. Newell Street Area II (GECD450)
12. Former Oxbow Areas J & K (GECD420)

Housatonic River

13. Upper ½-Mile Reach (GECD800)
14. 1½-Mile Reach (only for activities, if any, conducted by GE) (GECD820)
15. Rest of the River (GECD850)

Housatonic River Floodplain

16. Current Residential Properties Adjacent to 1½-Mile Reach (Actual/Potential Lawns) (GECD710)
17. Non-Residential Properties Adjacent to 1½-Mile Reach (excluding banks) (GECD720)
18. Current Residential Properties Downstream of Confluence (Actual/Potential Lawns) (GECD730)

Other Areas

19. Allendale School Property (GECD500)
20. Silver Lake Area (GECD600)

Groundwater Management Areas (GMAs)

21. Plant Site 1 (GECD310)
22. Former Oxbows J & K (GECD320)
23. Plant Site 2 (GECD330)
24. Plant Site 3 (GECD340)
25. Former Oxbows A&C (GECD350)

GENERAL ACTIVITIES
GE-PITTSFIELD/HOUSATONIC RIVER SITE
(GECD900)
JANUARY 2006

a. Activities Undertaken/Completed

- Attended Citizens Coordinating Council (CCC) meeting (January 18, 2006).

- 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 December 1 through December 31, 2005, are provided in Attachment B to this report.

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

c. Work Plans/Reports/Documents Submitted

None

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

- Continue NPDES sampling and monitoring activities.

- Attend public and CCC meetings, as appropriate.

- Submit revisions to Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP).*

- Submit revisions to Project Operations Plan (POP).*

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)
JANUARY 2006

a. Activities Undertaken/Completed

- Completed demolition activities at Building 42.
- Initiated concrete crushing activities associated with 40s Complex demolition activities.
- Conducted air monitoring for particulates and PCBs in connection with demolition activities in the 40s Complex, as identified in Table 1-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

Continue concrete crushing activities associated with 40s Complex demolition activities.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	1/4/2006	Air	Berkshire Environmental	Particulate Matter	1/10/2006
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	1/4/2006	Air	Berkshire Environmental	Particulate Matter	1/10/2006
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	1/4/2006	Air	Berkshire Environmental	Particulate Matter	1/10/2006
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	1/4/2006	Air	Berkshire Environmental	Particulate Matter	1/10/2006
Ambient Air Particulate Matter Sampling	Background Location	1/4/2006	Air	Berkshire Environmental	Particulate Matter	1/10/2006
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	1/6/2006	Air	Berkshire Environmental	Particulate Matter	1/10/2006
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	1/6/2006	Air	Berkshire Environmental	Particulate Matter	1/10/2006
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	1/6/2006	Air	Berkshire Environmental	Particulate Matter	1/10/2006
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	1/6/2006	Air	Berkshire Environmental	Particulate Matter	1/10/2006
Ambient Air Particulate Matter Sampling	Background Location	1/6/2006	Air	Berkshire Environmental	Particulate Matter	1/10/2006
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	1/9/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	1/9/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	1/9/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	1/9/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	Background Location	1/9/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	1/10/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	1/10/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	1/10/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	1/10/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	Background Location	1/10/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	1/12/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	1/12/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	1/12/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	1/12/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	Background Location	1/12/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	1/13/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	1/13/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	1/13/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	1/13/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	Background Location	1/13/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	1/16/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	1/16/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	1/16/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	1/16/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	Background Location	1/16/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	1/17/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	1/17/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	1/17/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	1/17/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	Background Location	1/17/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	1/19/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	1/19/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	1/19/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	1/19/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	Background Location	1/19/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	1/20/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	1/20/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	1/20/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	1/20/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	Background Location	1/20/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	1/24/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	1/24/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	1/24/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	1/24/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	Background Location	1/24/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	1/26/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	1/26/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	1/26/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	1/26/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	Background Location	1/26/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	1/27/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	1/27/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	1/27/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	1/27/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	Background Location	1/27/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	1/30/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	1/30/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	1/30/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	1/30/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	Background Location	1/30/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
PCB Ambient Air Sampling	Field Blank	01/12 - 01/13/06	Air	Berkshire Environmental	PCB	1/19/2006
PCB Ambient Air Sampling	W3 - West of 40s Complex	01/12 - 01/13/06	Air	Berkshire Environmental	PCB	1/19/2006
PCB Ambient Air Sampling	S2 - Woodlawn Avenue	01/12 - 01/13/06	Air	Berkshire Environmental	PCB	1/19/2006
PCB Ambient Air Sampling	M2 - South of Bldg. 5	01/12 - 01/13/06	Air	Berkshire Environmental	PCB	1/19/2006
PCB Ambient Air Sampling	M2-CO South of Bldg. 5	01/12 - 01/13/06	Air	Berkshire Environmental	PCB	1/19/2006
PCB Ambient Air Sampling	MC3 - Near Bldg. 16 & 19	01/12 - 01/13/06	Air	Berkshire Environmental	PCB	1/19/2006
PCB Ambient Air Sampling	MC3-CO Colocated - near Bldgs. 16 & 19	01/12 - 01/13/06	Air	Berkshire Environmental	PCB	1/19/2006
PCB Ambient Air Sampling	BK3-Background - East of Building 9B	01/12 - 01/13/06	Air	Berkshire Environmental	PCB	1/19/2006

TABLE 1-2
AMBIENT AIR PCB DATA RECEIVED DURING JANUARY 2006

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

Sampling Event Period	Date Analytical Results Received by BEC, Inc.	Field Blank (µg/PUF)	W3 - West of 40s Complex (µg/m3)	S2 - Woodlawn Avenue (µg/m3)	M2 - South of Bldg. 5 (µg/m3)	M2-CO South of Bldg. 5 (µg/m3)	MC3 - Near Bldgs. 16 & 19 (µg/m3)	MC3-CO Colocated - Near Bldgs. 16 & 19 (µg/m3)	BK3-Background - East of Bldg. 9B (µg/m3)
1/12 - 1/13/06	1/17/06	1.1	0.0040[1]	0.0019[1]	0.0060[1]	0.0040[1]	0.0062[1]	NA[2]	0.0008[1]
Notification Level			0.05	0.05	0.05	0.05	0.05	0.05	0.05

Notes:

NA - Not Available

[1] PCBs were detected in the field blank.

[2] The January PCB event for the 40s Complex was run concurrently with a PCB event for Buildings 1, 2, & 3 from January 12-13, 2006. One colocated site (M2) for both projects was used as a precision check.

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

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

Sampling Date[2]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
01/04/06	W3 - West of 40s Complex	0.017	0.020*	9:45	Calm
	MC3 - Near Bldg. 16 & 19	0.032*		9:30	
	M2 - South of Bldg. 5	0.031*		9:30	
	S2 - Woodlawn Avenue	0.031		9:30	
01/06/06	W3 - West of 40s Complex	0.000	0.010*	9:30	WNW
	MC3 - Near Bldg. 16 & 19	0.007*		10:00	
	M2 - South of Bldg. 5	0.011*		10:00	
	S2 - Woodlawn Avenue	0.009		10:00	
01/09/06	W3 - West of 40s Complex	0.036	0.051*	7:00[3]	Calm
	MC3 - Near Bldg. 16 & 19	0.050*		6:45[3]	
	M2 - South of Bldg. 5	0.065*		6:45[3]	
	S2 - Woodlawn Avenue	0.050		6:45[3]	
01/10/06	W3 - West of 40s Complex	0.015	0.010*	10:30	WNW
	MC3 - Near Bldg. 16 & 19	0.019*		10:45	
	M2 - South of Bldg. 5	0.026*		10:30	
	S2 - Woodlawn Avenue	0.018		10:15	
01/12/06	W3 - West of 40s Complex	0.014	0.008*	11:00	Variable
	MC3 - Near Bldg. 16 & 19	0.018*		11:30	
	M2 - South of Bldg. 5	0.018*		11:15	
	S2 - Woodlawn Avenue	0.018		11:15	
01/13/06	W3 - West of 40s Complex	0.047	0.047*	9:15	Calm
	MC3 - Near Bldg. 16 & 19	0.055*		9:15	
	M2 - South of Bldg. 5	0.057*		9:15	
	S2 - Woodlawn Avenue	0.083		9:15	
01/16/06	W3 - West of 40s Complex	0.012	0.006*	8:15[4]	Variable
	MC3 - Near Bldg. 16 & 19	0.008*		8:30[4]	
	M2 - South of Bldg. 5	0.006*		8:15[4]	
	S2 - Woodlawn Avenue	0.017		8:15[4]	
01/17/06	W3 - West of 40s Complex	0.025	0.020*	10:00	Calm
	MC3 - Near Bldg. 16 & 19	0.029*		10:15	
	M2 - South of Bldg. 5	0.023*		10:00	
	S2 - Woodlawn Avenue	0.041		10:00	
01/19/06	W3 - West of 40s Complex	0.025	0.010*	10:30	WNW
	MC3 - Near Bldg. 16 & 19	0.027*		10:30	
	M2 - South of Bldg. 5	0.011*		10:30	
	S2 - Woodlawn Avenue	0.030		10:30	
01/20/06	W3 - West of 40s Complex	0.026	0.014*	9:15	WSW
	MC3 - Near Bldg. 16 & 19	0.021*		9:15	
	M2 - South of Bldg. 5	0.013*		9:15	
	S2 - Woodlawn Avenue	0.035		9:15	
01/24/06	W3 - West of 40s Complex	0.029	0.023*	11:30	Variable
	MC3 - Near Bldg. 16 & 19	0.030*		11:45	
	M2 - South of Bldg. 5	0.025*		11:30	
	S2 - Woodlawn Avenue	0.053		11:30	
01/26/06	W3 - West of 40s Complex	0.029	0.010*	10:45	WNW
	MC3 - Near Bldg. 16 & 19	0.009*		11:00	
	M2 - South of Bldg. 5	0.016*		10:45	
	S2 - Woodlawn Avenue	0.026		10:45	

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

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

Sampling Date[2]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
01/27/06	W3 - West of 40s Complex	0.040	0.017*	10:00	WNW
	MC3 - Near Bldg. 16 & 19	0.022*		10:00	
	M2 - South of Bldg. 5	0.021*		10:00	
	S2 - Woodlawn Avenue	0.037		10:00	
01/30/06	W3 - West of 40s Complex	0.046	0.028*	6:15[5]	Calm
	MC3 - Near Bldg. 16 & 19	0.079*		10:15	
	M2 - South of Bldg. 5	0.043*		10:00	
	S2 - Woodlawn Avenue	0.043		6:00[5]	
Notification Level		0.120			

Notes:

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

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

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

[1] Monitoring was performed only on days when site activities occurred and there were no precipitation events or threat of significant precipitation.

[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 precipitation/threat of precipitation.

[4] Sampling period was shortened due to technician error.

[5] Sampling period was shortened due to morning fog.

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

a. Activities Undertaken/Completed

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

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted Conceptual Removal Design/Removal Action (RD/RA) Work Plan (January 19, 2006).*

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

- Continue routine process sampling at Buildings 64G and/or 64T.
- Submit Supplement to Conceptual RD/RA Work Plan (due to EPA by February 20, 2006).*
- Discuss with EPA and MDEP their comments on the draft Grant of Environmental Restriction and Easement (ERE) and survey plans for the City Recreational Area, and then revise and re-submit those documents.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Building 64G LPCA Monitoring	A6-64G-01	1/10/06	Water	Columbia	VOC	1/26/06
Building 64G LPCA Monitoring	A6-64G-02	1/10/06	Water	Columbia	SVOC	1/26/06
Building 64G LPCA Monitoring	A6-64G-03	1/10/06	Water	SGS	PCB	1/19/06
Building 64G LPCA Monitoring	A6-64G-04	1/10/06	Water	Columbia	Oil & Grease	1/26/06
Building 64G LPCA Monitoring	A6-64G-05	1/10/06	Water	Columbia	VOC	1/26/06
Building 64G LPCA Monitoring	A6-64G-06	1/10/06	Water	Columbia	SVOC	1/26/06
Building 64G LPCA Monitoring	A6-64G-07	1/10/06	Water	SGS	PCB	1/19/06
Building 64G LPCA Monitoring	A6-64G-08	1/10/06	Water	Columbia	Oil & Grease	1/26/06
Building 64G LPCA Monitoring	A6-64G-09	1/10/06	Water	Columbia	VOC	1/26/06
Building 64G LPCA Monitoring	A6-64G-10	1/10/06	Water	Columbia	SVOC	1/26/06
Building 64G LPCA Monitoring	A6-64G-11	1/10/06	Water	SGS	PCB	1/19/06
Building 64G LPCA Monitoring	A6-64G-12	1/10/06	Water	Columbia	Oil & Grease	1/26/06
Building 64G LPCA Monitoring	A6-64G-13	1/10/06	Water	Columbia	VOC	1/26/06
Building 64G LPCA Monitoring	A6-64G-14	1/10/06	Water	Columbia	SVOC	1/26/06
Building 64G LPCA Monitoring	A6-64G-15	1/10/06	Water	SGS	PCB	1/19/06
Building 64G LPCA Monitoring	A6-64G-16	1/10/06	Water	Columbia	Oil & Grease	1/26/06

TABLE 2-2
DATA RECEIVED DURING JANUARY 2006

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

Parameter / Sample ID: / Date Collected:	A6-64G-01 01/10/06	A6-64G-02 01/10/06	A6-64G-03 01/10/06	A6-64G-04 01/10/06	A6-64G-05 01/10/06	A6-64G-06 01/10/06	A6-64G-07 01/10/06	A6-64G-08 01/10/06
Volatile Organics								
1,1,1-Trichloroethane	0.0025	NA	NA	NA	0.0023	NA	NA	NA
1,1-Dichloroethane	0.0018	NA	NA	NA	0.0019	NA	NA	NA
Benzene	0.057	NA	NA	NA	ND(0.00021)	NA	NA	NA
Chlorobenzene	0.24	NA	NA	NA	0.00039	NA	NA	NA
Chloroethane	0.00098	NA	NA	NA	0.0011	NA	NA	NA
Chloroform	ND(0.00026)	NA	NA	NA	0.00049	NA	NA	NA
Ethylbenzene	0.076	NA	NA	NA	ND(0.00035)	NA	NA	NA
Toluene	0.0025	NA	NA	NA	ND(0.00028)	NA	NA	NA
trans-1,2-Dichloroethene	0.00024	NA	NA	NA	ND(0.00022)	NA	NA	NA
Trichloroethene	0.00052	NA	NA	NA	0.00054	NA	NA	NA
Vinyl Chloride	0.0043	NA	NA	NA	0.0018	NA	NA	NA
PCBs-Unfiltered								
Aroclor-1254	NA	NA	0.000060 J	NA	NA	NA	ND(0.000065)	NA
Total PCBs	NA	NA	0.000060 J	NA	NA	NA	ND(0.000065)	NA
Semivolatile Organics								
1,4-Dichlorobenzene	NA	0.010	NA	NA	NA	ND(0.0053)	NA	NA
Acenaphthene	NA	0.040	NA	NA	NA	ND(0.0053)	NA	NA
Fluorene	NA	0.0067	NA	NA	NA	ND(0.0053)	NA	NA
Naphthalene	NA	0.031	NA	NA	NA	ND(0.0053)	NA	NA
Conventionals								
Oil & Grease	NA	NA	NA	ND(5.0)	NA	NA	NA	ND(5.0)

TABLE 2-2
DATA RECEIVED DURING JANUARY 2006

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

Parameter / Sample ID: / Date Collected:	A6-64G-09 01/10/06	A6-64G-10 01/10/06	A6-64G-11 01/10/06	A6-64G-12 01/10/06	A6-64G-13 01/10/06	A6-64G-14 01/10/06	A6-64G-15 01/10/06	A6-64G-16 01/10/06
Volatile Organics								
1,1,1-Trichloroethane	0.0024	NA	NA	NA	0.0020	NA	NA	NA
1,1-Dichloroethane	0.0024	NA	NA	NA	0.0024	NA	NA	NA
Benzene	ND(0.00021)	NA	NA	NA	ND(0.00021)	NA	NA	NA
Chlorobenzene	ND(0.00022)	NA	NA	NA	ND(0.00022)	NA	NA	NA
Chloroethane	0.0011	NA	NA	NA	0.00091	NA	NA	NA
Chloroform	0.00077	NA	NA	NA	0.00079	NA	NA	NA
Ethylbenzene	ND(0.00035)	NA	NA	NA	ND(0.00035)	NA	NA	NA
Toluene	ND(0.00028)	NA	NA	NA	ND(0.00028)	NA	NA	NA
trans-1,2-Dichloroethene	ND(0.00022)	NA	NA	NA	ND(0.00022)	NA	NA	NA
Trichloroethene	ND(0.00040)	NA	NA	NA	ND(0.00040)	NA	NA	NA
Vinyl Chloride	0.0013	NA	NA	NA	0.00049	NA	NA	NA
PCBs-Unfiltered								
Aroclor-1254	NA	NA	ND(0.000065)	NA	NA	NA	ND(0.000065)	NA
Total PCBs	NA	NA	ND(0.000065)	NA	NA	NA	ND(0.000065)	NA
Semivolatile Organics								
1,4-Dichlorobenzene	NA	ND(0.0051)	NA	NA	NA	ND(0.0053)	NA	NA
Acenaphthene	NA	ND(0.0051)	NA	NA	NA	ND(0.0053)	NA	NA
Fluorene	NA	ND(0.0051)	NA	NA	NA	ND(0.0053)	NA	NA
Naphthalene	NA	ND(0.0051)	NA	NA	NA	ND(0.0053)	NA	NA
Conventionals								
Oil & Grease	NA	NA	NA	ND(5.0)	NA	NA	NA	ND(5.0)

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

Data Qualifiers:

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

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

a. Activities Undertaken/Completed

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

- Conducted air monitoring for particulate matter and PCBs in connection with above-mentioned demolition activities, as identified in Table 3-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue demolition of Buildings 1, 2, 3, and 3B and associated annexes (Buildings 1A and 100 Annex).

- Following receipt of EPA approval of GE's October 7, 2005 *Supplement to Conceptual RD/RA Work Plan and Proposal for Additional Investigations* (Conceptual Work Plan Supplement) conduct the additional investigations and evaluations described therein and begin development of an Addendum to the Conceptual RD/RA Work Plan to present the results.*

- Initiate pre-demolition building characterization activities at Buildings 7, 17, 17C, and 19 in support of anticipated future demolition activities to be conducted in 2006.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

The Final RD/RA Work Plan for this area was previously due on January 13, 2006. However, given the need for additional investigations as described in the Conceptual Work Plan Supplement, GE will propose a revised schedule for submission of the Final RD/RA Work Plan in the above-mentioned Addendum to the Conceptual RD/RA Work Plan.*

f. Proposed/Approved Work Plan Modifications

Received EPA conditional approval letter of GE's September 22, 2005 letter summarizing demolition and disposition activities related to Buildings 1, 2, 3, 3B, 15, 15A, 15B, and 15W (January 26, 2006).

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	1/4/2006	Air	Berkshire Environmental	Particulate Matter	1/10/2006
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	1/4/2006	Air	Berkshire Environmental	Particulate Matter	1/10/2006
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	1/4/2006	Air	Berkshire Environmental	Particulate Matter	1/10/2006
Ambient Air Particulate Matter Sampling	Background Location	1/4/2006	Air	Berkshire Environmental	Particulate Matter	1/10/2006
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	1/6/2006	Air	Berkshire Environmental	Particulate Matter	1/10/2006
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	1/6/2006	Air	Berkshire Environmental	Particulate Matter	1/10/2006
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	1/6/2006	Air	Berkshire Environmental	Particulate Matter	1/10/2006
Ambient Air Particulate Matter Sampling	Background Location	1/6/2006	Air	Berkshire Environmental	Particulate Matter	1/10/2006
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	1/9/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	1/9/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	1/9/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	Background Location	1/9/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	1/10/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	1/10/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	1/10/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	Background Location	1/10/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	1/12/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	1/12/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	1/12/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	Background Location	1/12/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	1/16/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	1/16/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	1/16/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	Background Location	1/16/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	1/17/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	1/17/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	1/17/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	Background Location	1/17/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	1/19/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	1/19/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	1/19/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	Background Location	1/19/2006	Air	Berkshire Environmental	Particulate Matter	1/24/2006
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	1/24/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	1/24/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	1/24/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	Background Location	1/24/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	1/26/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	1/26/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	1/26/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	Background Location	1/26/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	1/30/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	1/30/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	1/30/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Ambient Air Particulate Matter Sampling	Background Location	1/30/2006	Air	Berkshire Environmental	Particulate Matter	2/1/2006
PCB Ambient Air Sampling	Field Blank	01/12 - 01/13/06	Air	Berkshire Environmental	PCB	1/19/2006
PCB Ambient Air Sampling	M2 - South of Bldg. 5	01/12 - 01/13/06	Air	Berkshire Environmental	PCB	1/19/2006
PCB Ambient Air Sampling	M2-CO South of Bldg. 5	01/12 - 01/13/06	Air	Berkshire Environmental	PCB	1/19/2006
PCB Ambient Air Sampling	M4 - West of Bldg. 4	01/12 - 01/13/06	Air	Berkshire Environmental	PCB	1/19/2006
PCB Ambient Air Sampling	M6 - Southwest Corner of Bldg. 12	01/12 - 01/13/06	Air	Berkshire Environmental	PCB	1/19/2006
PCB Ambient Air Sampling	BK3-Background - East of Building 9B	01/12 - 01/13/06	Air	Berkshire Environmental	PCB	1/19/2006

TABLE 3-2
AMBIENT AIR PCB DATA RECEIVED DURING JANUARY 2006

BUILDINGS 1, 1A, 2, 3, 3B, & 100 ANNEX DEMOLITION ACTIVITIES
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sampling Event Period	Date Analytical Results Received by BEC, Inc.	Field Blank (µg/PUF)	M2 - South of Bldg. 5 (µg/m3)	M2-CO South of Bldg. 5 (µg/m3)	M4 - West of Bldg. 4 (µg/m3)	M6 - Southwest Corner of Bldg. 12 (µg/m3)	BK3-Background - East of Bldg. 9B (µg/m3)
1/12 - 1/13/06	1/17/06	1.1	0.0060[1]	0.0040[1]	0.0068[1]	0.0038[1]	0.0008[1]
Notification Level			0.05	0.05	0.05	0.05	0.05

Note:

[1] PCBs were detected in the field blank.

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

BUILDINGS 1, 1A, 2, 3, 3B AND 100 ANNEX DEMOLITION ACTIVITIES
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sampling Date[2]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
01/04/06	M2 - South of Bldg. 5	0.031*	0.020*	9:30	Calm
	M4 - South of Bldg. 15	0.070		9:30	
	M6 - Southwest of Bldg. 12	0.030		9:30	
01/06/06	M2 - South of Bldg. 5	0.011*	0.010*	10:00	WNW
	M4 - South of Bldg. 15	0.008		10:00	
	M6 - Southwest of Bldg. 12	0.012		10:00	
01/09/06	M2 - South of Bldg. 5	0.065*	0.051*	6:45[3]	Calm
	M4 - South of Bldg. 15	0.070		7:00[3]	
	M6 - Southwest of Bldg. 12	0.081		6:45[3]	
01/10/06	M2 - South of Bldg. 5	0.026*	0.010*	10:30	WNW
	M4 - South of Bldg. 15	0.015		10:15	
	M6 - Southwest of Bldg. 12	0.035		10:30	
01/12/06	M2 - South of Bldg. 5	0.018*	0.008*	11:15	Variable
	M4 - South of Bldg. 15	0.018		11:15	
	M6 - Southwest of Bldg. 12	0.028		11:15	
01/16/06	M2 - South of Bldg. 5	0.006*	0.006*	8:15[4]	Variable
	M4 - South of Bldg. 15	0.011		8:15[4]	
	M6 - Southwest of Bldg. 12	0.024		8:15[4]	
01/17/06	M2 - South of Bldg. 5	0.023*	0.020*	10:00	Calm
	M4 - South of Bldg. 15	0.035		10:00	
	M6 - Southwest of Bldg. 12	0.042		10:00	
01/19/06	M2 - South of Bldg. 5	0.011*	0.010*	10:30	WNW
	M4 - South of Bldg. 15	0.030		10:30	
	M6 - Southwest of Bldg. 12	0.034		10:30	
01/24/06	M2 - South of Bldg. 5	0.025*	0.023*	11:30	Variable
	M4 - South of Bldg. 15	0.030		11:30	
	M6 - Southwest of Bldg. 12	0.054		11:30	
01/26/06	M2 - South of Bldg. 5	0.016*	0.010*	10:45	WNW
	M4 - South of Bldg. 15	0.014		10:30	
	M6 - Southwest of Bldg. 12	0.029		10:45	
01/30/06	M2 - South of Bldg. 5	0.043*	0.028*	10:00	Calm
	M4 - South of Bldg. 15	0.036		6:15[5]	
	M6 - Southwest of Bldg. 12	0.052		6:15[5]	
Notification Level		0.120			

Notes:

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

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

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

[1] Monitoring was performed only on days when site activities occurred and there were no precipitation events or threat of significant precipitation.

[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 precipitation/threat of precipitation.

[4] Sampling period was shortened due to technician error.

[5] Sampling period was shortened due to morning fog.

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

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

a. Activities Undertaken/Completed

- Conducted ambient air monitoring for particulates and PCBs, as identified in Table 5-1.
- Conducted decontamination sampling of Building 71 On-Plant Consolidation Area (OPCA) excavator, as identified in Table 5-1.
- Continued transfer of leachate from Building 71 OPCA to Building 64G for treatment. The total amount transferred in January 2006 was 185,000 gallons (see Table 5-5).

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Submit a second Addendum to the 1999 OPCA Detailed Work Plan summarizing enhancements/modifications to future OPCA operations, including proposed modifications of OPCA boundaries.
- Potentially initiate consolidation of certain Building 1, 2, and 3 demolition materials into the Hill 78 OPCA.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Building 71 OPCA John Deere 230LC Excavator Sampling Program	JDEERE-BUCKET-W1	1/10/06	Wipe	SGS	PCB	1/16/06
Building 71 OPCA John Deere 230LC Excavator Sampling Program	JDEERE-BUCKET-W2	1/10/06	Wipe	SGS	PCB	1/16/06
Building 71 OPCA John Deere 230LC Excavator Sampling Program	JDEERE-BUCKET-W3	1/10/06	Wipe	SGS	PCB	1/16/06
Building 71 OPCA John Deere 230LC Excavator Sampling Program	JDEERE-LTRACK-W1	1/10/06	Wipe	SGS	PCB	1/16/06
Building 71 OPCA John Deere 230LC Excavator Sampling Program	JDEERE-LTRACK-W2	1/10/06	Wipe	SGS	PCB	1/16/06
Building 71 OPCA John Deere 230LC Excavator Sampling Program	JDEERE-LTRACK-W3	1/10/06	Wipe	SGS	PCB	1/16/06
Building 71 OPCA John Deere 230LC Excavator Sampling Program	JDEERE-RTRACK-W1	1/10/06	Wipe	SGS	PCB	1/16/06
Building 71 OPCA John Deere 230LC Excavator Sampling Program	JDEERE-RTRACK-W2	1/10/06	Wipe	SGS	PCB	1/16/06
Building 71 OPCA John Deere 230LC Excavator Sampling Program	JDEERE-RTRACK-W3	1/10/06	Wipe	SGS	PCB	1/16/06
Ambient Air Particulate Matter Sampling	North of OPCAs	1/10/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	1/10/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	1/10/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	1/10/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	West of OPCAs	1/10/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
Ambient Air Particulate Matter Sampling	Background Location	1/10/2006	Air	Berkshire Environmental	Particulate Matter	1/19/2006
PCB Ambient Air Sampling	Field Blank	01/10 - 01/11/06	Air	Berkshire Environmental	PCB	1/19/2006
PCB Ambient Air Sampling	Northwest of OPCAs	01/10 - 01/11/06	Air	Berkshire Environmental	PCB	1/19/2006
PCB Ambient Air Sampling	Northwest of OPCAs colocated	01/10 - 01/11/06	Air	Berkshire Environmental	PCB	1/19/2006
PCB Ambient Air Sampling	West of OPCAs	01/10 - 01/11/06	Air	Berkshire Environmental	PCB	1/19/2006
PCB Ambient Air Sampling	North of OPCAs	01/10 - 01/11/06	Air	Berkshire Environmental	PCB	1/19/2006
PCB Ambient Air Sampling	Southeast of OPCAs	01/10 - 01/11/06	Air	Berkshire Environmental	PCB	1/19/2006
PCB Ambient Air Sampling	Pittsfield Generating (PGE)	01/10 - 01/11/06	Air	Berkshire Environmental	PCB	1/19/2006
PCB Ambient Air Sampling	Background East of Building 9B	01/10 - 01/11/06	Air	Berkshire Environmental	PCB	1/19/2006

TABLE 5-2
PCB DATA RECEIVED DURING JANUARY 2006

JOHN DEERE 230LC EXCAVATOR SAMPLING PROGRAM
HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in μg/100cm^2)

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
JDEERE-BUCKET-W1	1/10/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
JDEERE-BUCKET-W2	1/10/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
JDEERE-BUCKET-W3	1/10/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
JDEERE-LTRACK-W1	1/10/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
JDEERE-LTRACK-W2	1/10/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
JDEERE-LTRACK-W3	1/10/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
JDEERE-RTRACK-W1	1/10/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
JDEERE-RTRACK-W2	1/10/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
JDEERE-RTRACK-W3	1/10/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)

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

TABLE 5-3
AMBIENT AIR PCB DATA RECEIVED DURING JANUARY 2006

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

Sampling Event Period	Date Analytical Results Received by BEC, Inc.	Field Blank (µg/PUF)	Northwest of OPCAs (µg/m^3)	Northwest of OPCAs Colocated (µg/m^3)	West of OPCAs (µg/m^3)	North of OPCAs (µg/m^3)	Southeast of OPCAs (µg/m^3)	Pittsfield Generating (PGE) (µg/m^3)	Background East of Bldg. 9B (µg/m^3)
1/10 - 1/11/06	1/18/06	ND (<0.10)	0.0005	ND (<0.0003)	0.0020	0.0005	ND (<0.0003)	0.0005	0.0003
Action Level			0.05	0.05	0.05	0.05	0.05	0.05	0.05

Note:
ND - Non-Detect

TABLE 5-4
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING JANUARY 2006[1]

PARTICULATE AMBIENT AIR CONCENTRATIONS
HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
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
01/10/06	North of OPCAs	0.016*	0.010*	10:30	WNW
	Pittsfield Generating Co.	0.023		10:30	
	Southeast of OPCAs	0.017		10:30	
	Northwest of OPCAs	0.023*		10:30	
	West of OPCAs	0.016*		10:30	
Notification Level		0.120			

Notes:

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

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

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

[1] Monitoring was performed only on days when site activities occurred and there were no precipitation events or threat of significant precipitation.

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

TABLE 5-5
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
January 2006

Month / Year	Total Volume of Leachate Transferred (Gallons)
January 2005	136,000
February 2005	116,500
March 2005	174,500
April 2005	192,000
May 2005	89,500
June 2005	130,000
July 2005	127,500
August 2005	55,000
September 2005	55,000
October 2005	378,000
November 2005	162,500
December 2005	168,000
January 2006	185,000

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

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Continue topography and boundary survey updates for Hill 78 Area - Remainder.*

- Following EPA approval of the Pre-Design Investigation Report (submitted on September 7, 2005), perform the additional soil sampling activities proposed therein (subject to weather constraints).*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

A proposed video inspection of the storm and sanitary sewer lines within the Hill 78 Area has been deferred to spring 2006 due to weather constraints.*

f. Proposed/Approved Work Plan Modifications

None

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Following EPA approval of the Pre-Design Investigation Report (submitted on September 6, 2005) and the November 2, 2005 Addendum thereto, perform the additional soil sampling activities proposed therein (subject to weather constraints).*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

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

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

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Initiate soil sampling activities (weather-dependent) at Parcels I8-23-4, I8-23-5, and I8-23-9 in accordance with GE's November 2, 2005 Supplemental Sampling Plan, as conditionally approved by EPA on January 17, 2006.

- Submit notification letter to Groundwater and Environmental Services, Inc. (consultant to Exxon Mobil Oil Corp.) regarding upcoming sampling activities at Parcels I8-23-4 and I8-23-5.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- Sampling activities contingent on weather.

- Access to Parcel I8-23-9 not yet granted.

f. Proposed/Approved Work Plan Modifications

Received EPA conditional approval letter for GE's November 2, 2005 Supplemental Sampling Plan (January 17, 2006).

ITEM 9
LYMAN STREET AREA
(GECD430)
JANUARY 2006

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Following EPA approval of Final RD/RA Work Plan (submitted in September 2005), address any conditions specified by EPA.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 10
NEWELL STREET AREA I
(GECD440)
JANUARY 2006

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

a. Activities Undertaken/Completed

Received comments from EPA and MDEP on draft Notice of Completion for Parcel J9-23-24.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Submit report on inspection of installed engineered barriers, other backfilled/restored areas, and re-vegetated areas (conducted in December 2005).

- Discuss with EPA and MDEP their comments on the draft Notice of Completion for Parcel J9-23-24, revise same (as well as ERE for this parcel); and record ERE and Notice of Completion for this parcel after EPA approval and MDEP acceptance of same.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

The remaining remediation activity at Parcels J9-23-19, -20, and -21 (which involves limited excavation and subsequent installation of a concrete slab over a dirt floor in a building) has been deferred until spring 2006 due to weather.

f. Proposed/Approved Work Plan Modifications

None

ITEM 11
NEWELL STREET AREA II
(GECD450)
JANUARY 2006

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

See attached tables (for results of sampling conducted in December 2005).

c. Work Plans/Reports/Documents Submitted

Submitted Proposal for Additional Removal Activities to EPA (January 18, 2006).*

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

- Based on sampling results for contents of intact drums previously removed from Parcel J9-23-8, arrange for appropriate off-site disposal of those drums.

- Arrange for appropriate off-site disposal of drummed capacitors previously removed from Parcel J9-23-8.

- Following EPA approval of GE's Proposal for Additional Removal Activities, conduct additional excavation work at Parcel J9-23-8.*

- Potentially continue with planned soil remediation activities (e.g., soil replacement, installation of engineered barriers), depending on timing of additional excavation work and weather constraints.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

See Item 11.d above.

f. Proposed/Approved Work Plan Modifications

None

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

NEWELL STREET AREA II
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Drum Sampling	D0570-SOLID	12/21/05	NA	Soil	SGS	TCLP	1/4/06
Drum Sampling	D0576-SOLID	12/21/05	NA	Soil	SGS	PCB, VOC, SVOC, TCLP	1/4/06
Drum Sampling	D0580-SOLID	12/21/05	NA	Soil	SGS	PCB, VOC, SVOC, TCLP	1/4/06
Soil Sampling	NS-TCLP-B12	12/14/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06
Soil Sampling	NS-TCLP-B5	12/16/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06
Soil Sampling	NS-TCLP-B7	12/16/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06
Soil Sampling	NS-TCLP-C11	12/14/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06
Soil Sampling	NS-TCLP-D15	12/14/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06
Soil Sampling	NS-TCLP-D3	12/16/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06
Soil Sampling	NS-TCLP-D5	12/16/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06
Soil Sampling	NS-TCLP-D7	12/16/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06
Soil Sampling	NS-TCLP-D9	12/14/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06
Soil Sampling	NS-TCLP-DUP#1 (NS-TCLP-F15)	12/14/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06
Soil Sampling	NS-TCLP-DUP#2 (NS-TCLP-C11)	12/14/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06
Soil Sampling	NS-TCLP-F1	12/16/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06
Soil Sampling	NS-TCLP-F11	12/14/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06
Soil Sampling	NS-TCLP-F15	12/14/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06
Soil Sampling	NS-TCLP-F17	12/14/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06
Soil Sampling	NS-TCLP-F3	12/16/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06
Soil Sampling	NS-TCLP-F5	12/16/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06
Soil Sampling	NS-TCLP-F7	12/14/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06
Soil Sampling	NS-TCLP-F9	12/14/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06
Soil Sampling	NS-TCLP-H11	12/14/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06
Soil Sampling	NS-TCLP-H15	12/14/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06
Soil Sampling	NS-TCLP-H17	12/14/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06
Soil Sampling	NS-TCLP-H3	12/16/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06
Soil Sampling	NS-TCLP-H5	12/16/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06
Soil Sampling	NS-TCLP-H7	12/14/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06
Soil Sampling	NS-TCLP-H9	12/14/05	0-3	Soil	SGS	TCLP, Pest, Herb	1/4/06

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

TABLE 11-2
TCLP DATA RECEIVED DURING JANUARY 2006

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	TCLP Regulatory Limits	NS-TCLP-B5 0-3 12/16/2005	NS-TCLP-B7 0-3 12/16/2005	NS-TCLP-B12 0-3 12/14/2005	NS-TCLP-C11 0-3 12/14/2005
Volatile Organics					
1,1-Dichloroethene	0.7	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]
1,2-Dichloroethane	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]
2-Butanone	200	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20) [ND(0.20)]
Benzene	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]
Carbon Tetrachloride	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]
Chlorobenzene	100	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]
Chloroform	6	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]
Tetrachloroethene	0.7	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]
Trichloroethene	0.5	0.41	ND(0.10)	0.22	0.35 [0.15]
Vinyl Chloride	0.2	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]
Semivolatile Organics					
1,4-Dichlorobenzene	7.5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
2,4,5-Trichlorophenol	400	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
2,4,6-Trichlorophenol	2	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
2,4-Dinitrotoluene	0.13	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Cresol	200	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Hexachlorobenzene	0.13	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Hexachlorobutadiene	0.5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Hexachloroethane	3	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Nitrobenzene	2	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Pentachlorophenol	100	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Pyridine	5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Organochlorine Pesticides					
Endrin	0.02	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0015) [ND(0.0015)]
Gamma-BHC (Lindane)	0.4	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025) [ND(0.0025)]
Heptachlor	0.008	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020) [ND(0.0020)]
Heptachlor Epoxide	0.008	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020) [ND(0.0020)]
Methoxychlor	10	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040) [ND(0.040)]
Technical Chlordane	0.03	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012) [ND(0.012)]
Toxaphene	0.5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Herbicides					
2,4,5-TP	1	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2,4-D	10	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Inorganics					
Arsenic	5	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.100) [ND(0.100)]
Barium	100	0.820	2.00	3.90	4.50 [3.50]
Cadmium	1	0.0180 B	0.0230	0.160	0.0310 [0.0250]
Chromium	5	0.00180 B	0.00330 B	ND(0.0500)	ND(0.0500) [ND(0.0500)]
Lead	5	0.630	5.00	23.0	2.50 [5.60]
Mercury	0.2	ND(0.00200)	ND(0.00200)	ND(0.00200)	ND(0.00200) [ND(0.00200)]
Selenium	1	ND(0.200)	ND(0.200)	ND(0.200)	ND(0.200) [ND(0.200)]
Silver	5	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200) [ND(0.0200)]

TABLE 11-2
TCLP DATA RECEIVED DURING JANUARY 2006

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	TCLP Regulatory Limits	NS-TCLP-D3 0-3 12/16/2005	NS-TCLP-D5 0-3 12/16/2005	NS-TCLP-D7 0-3 12/16/2005	NS-TCLP-D9 0-3 12/14/2005
Volatile Organics					
1,1-Dichloroethene	0.7	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
1,2-Dichloroethane	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
2-Butanone	200	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
Benzene	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Carbon Tetrachloride	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Chlorobenzene	100	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Chloroform	6	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Tetrachloroethene	0.7	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Trichloroethene	0.5	0.20	0.34	ND(0.10)	0.11
Vinyl Chloride	0.2	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Semivolatile Organics					
1,4-Dichlorobenzene	7.5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
2,4,5-Trichlorophenol	400	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
2,4,6-Trichlorophenol	2	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
2,4-Dinitrotoluene	0.13	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Cresol	200	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Hexachlorobenzene	0.13	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Hexachlorobutadiene	0.5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Hexachloroethane	3	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Nitrobenzene	2	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Pentachlorophenol	100	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Pyridine	5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Organochlorine Pesticides					
Endrin	0.02	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Gamma-BHC (Lindane)	0.4	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
Heptachlor	0.008	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Heptachlor Epoxide	0.008	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Methoxychlor	10	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
Technical Chlordane	0.03	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)
Toxaphene	0.5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Herbicides					
2,4,5-TP	1	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4-D	10	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Inorganics					
Arsenic	5	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.100)
Barium	100	0.810	4.40	2.20	3.50
Cadmium	1	0.0170 B	0.0150 B	0.0190 B	0.160
Chromium	5	0.00190 B	0.00400 B	0.00150 B	0.00340 B
Lead	5	0.600	0.540	0.430	27.0
Mercury	0.2	ND(0.00200)	ND(0.00200)	ND(0.00200)	ND(0.00200)
Selenium	1	ND(0.200)	ND(0.200)	ND(0.200)	ND(0.200)
Silver	5	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200)

TABLE 11-2
TCLP DATA RECEIVED DURING JANUARY 2006

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	TCLP Regulatory Limits	NS-TCLP-D15 0-3 12/14/2005	NS-TCLP-F1 0-3 12/16/2005	NS-TCLP-F3 0-3 12/16/2005	NS-TCLP-F5 0-3 12/16/2005
Volatile Organics					
1,1-Dichloroethene	0.7	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
1,2-Dichloroethane	0.5	ND(0.10)	ND(0.10)	0.076 J	ND(0.10)
2-Butanone	200	ND(0.20)	ND(0.20)	0.46	0.30
Benzene	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Carbon Tetrachloride	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Chlorobenzene	100	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Chloroform	6	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Tetrachloroethene	0.7	0.26	ND(0.10)	ND(0.10)	ND(0.10)
Trichloroethene	0.5	5.4	0.17	0.24	0.32
Vinyl Chloride	0.2	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Semivolatile Organics					
1,4-Dichlorobenzene	7.5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
2,4,5-Trichlorophenol	400	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
2,4,6-Trichlorophenol	2	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
2,4-Dinitrotoluene	0.13	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Cresol	200	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Hexachlorobenzene	0.13	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Hexachlorobutadiene	0.5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Hexachloroethane	3	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Nitrobenzene	2	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Pentachlorophenol	100	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Pyridine	5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Organochlorine Pesticides					
Endrin	0.02	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Gamma-BHC (Lindane)	0.4	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
Heptachlor	0.008	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Heptachlor Epoxide	0.008	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Methoxychlor	10	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
Technical Chlordane	0.03	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)
Toxaphene	0.5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Herbicides					
2,4,5-TP	1	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4-D	10	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Inorganics					
Arsenic	5	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.100)
Barium	100	0.850	3.20	3.90	3.20
Cadmium	1	0.0190 B	0.00420 B	0.330	0.130
Chromium	5	ND(0.0500)	0.00290 B	0.00670 B	0.00440 B
Lead	5	4.70	2.00	18.0	23.0
Mercury	0.2	ND(0.00200)	ND(0.00200)	ND(0.00200)	ND(0.00200)
Selenium	1	ND(0.200)	ND(0.200)	ND(0.200)	ND(0.200)
Silver	5	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200)

TABLE 11-2
TCLP DATA RECEIVED DURING JANUARY 2006

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	TCLP Regulatory Limits	NS-TCLP-F7 0-3 12/14/2005	NS-TCLP-F9 0-3 12/14/2005	NS-TCLP-F11 0-3 12/14/2005	NS-TCLP-F15 0-3 12/14/2005
Volatile Organics					
1,1-Dichloroethene	0.7	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]
1,2-Dichloroethane	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]
2-Butanone	200	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20) [ND(0.20)]
Benzene	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]
Carbon Tetrachloride	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]
Chlorobenzene	100	0.12	ND(0.10)	0.089 J	ND(0.10) [ND(0.10)]
Chloroform	6	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]
Tetrachloroethene	0.7	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]
Trichloroethene	0.5	ND(0.10)	0.26	ND(0.10)	0.062 J [0.072 J]
Vinyl Chloride	0.2	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]
Semivolatile Organics					
1,4-Dichlorobenzene	7.5	0.015 J	ND(0.050)	0.034 J	0.0099 J [0.0091 J]
2,4,5-Trichlorophenol	400	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
2,4,6-Trichlorophenol	2	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
2,4-Dinitrotoluene	0.13	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Cresol	200	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Hexachlorobenzene	0.13	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Hexachlorobutadiene	0.5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Hexachloroethane	3	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Nitrobenzene	2	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Pentachlorophenol	100	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Pyridine	5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Organochlorine Pesticides					
Endrin	0.02	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0015) [ND(0.0015)]
Gamma-BHC (Lindane)	0.4	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025) [ND(0.0025)]
Heptachlor	0.008	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020) [ND(0.0020)]
Heptachlor Epoxide	0.008	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020) [ND(0.0020)]
Methoxychlor	10	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040) [ND(0.040)]
Technical Chlordane	0.03	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012) [ND(0.012)]
Toxaphene	0.5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Herbicides					
2,4,5-TP	1	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2,4-D	10	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Inorganics					
Arsenic	5	ND(0.100)	ND(0.100)	0.0140 B	ND(0.100) [ND(0.100)]
Barium	100	2.00	2.40	2.50	0.570 [0.630]
Cadmium	1	0.130	0.200	0.0110 B	0.0240 [0.0330]
Chromium	5	0.00310 B	ND(0.0500)	0.000850 B	ND(0.0500) [ND(0.0500)]
Lead	5	25.0	14.0	2.30	1.50 [1.40]
Mercury	0.2	ND(0.00200)	ND(0.00200)	ND(0.00200)	ND(0.00200) [ND(0.00200)]
Selenium	1	0.00400 B	ND(0.200)	ND(0.200)	ND(0.200) [0.00420 B]
Silver	5	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200) [ND(0.0200)]

TABLE 11-2
TCLP DATA RECEIVED DURING JANUARY 2006

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	TCLP Regulatory Limits	NS-TCLP-F17 0-3 12/14/2005	NS-TCLP-H3 0-3 12/16/2005	NS-TCLP-H5 0-3 12/16/2005	NS-TCLP-H7 0-3 12/14/2005
Volatile Organics					
1,1-Dichloroethene	0.7	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
1,2-Dichloroethane	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
2-Butanone	200	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
Benzene	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Carbon Tetrachloride	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Chlorobenzene	100	ND(0.10)	ND(0.10)	0.32	ND(0.10)
Chloroform	6	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Tetrachloroethene	0.7	0.97	ND(0.10)	ND(0.10)	ND(0.10)
Trichloroethene	0.5	23	0.20	0.27	0.19
Vinyl Chloride	0.2	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Semivolatile Organics					
1,4-Dichlorobenzene	7.5	0.0069 J	ND(0.050)	0.053	ND(0.050)
2,4,5-Trichlorophenol	400	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
2,4,6-Trichlorophenol	2	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
2,4-Dinitrotoluene	0.13	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Cresol	200	0.16	ND(0.050)	ND(0.050)	ND(0.050)
Hexachlorobenzene	0.13	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Hexachlorobutadiene	0.5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Hexachloroethane	3	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Nitrobenzene	2	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Pentachlorophenol	100	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Pyridine	5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Organochlorine Pesticides					
Endrin	0.02	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Gamma-BHC (Lindane)	0.4	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
Heptachlor	0.008	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Heptachlor Epoxide	0.008	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Methoxychlor	10	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
Technical Chlordane	0.03	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)
Toxaphene	0.5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Herbicides					
2,4,5-TP	1	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4-D	10	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Inorganics					
Arsenic	5	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.100)
Barium	100	0.740	3.80	3.50	2.70
Cadmium	1	0.00880 B	0.200	0.0150 B	0.0350
Chromium	5	0.000920 B	0.00320 B	0.00230 B	0.000600 B
Lead	5	0.110	8.70	2.10	8.70
Mercury	0.2	ND(0.00200)	ND(0.00200)	ND(0.00200)	ND(0.00200)
Selenium	1	ND(0.200)	ND(0.200)	ND(0.200)	ND(0.200)
Silver	5	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200)

TABLE 11-2
TCLP DATA RECEIVED DURING JANUARY 2006

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	TCLP Regulatory Limits	NS-TCLP-H9 0-3 12/14/2005	NS-TCLP-H11 0-3 12/14/2005	NS-TCLP-H15 0-3 12/14/2005	NS-TCLP-H17 0-3 12/14/2005
Volatile Organics					
1,1-Dichloroethene	0.7	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
1,2-Dichloroethane	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
2-Butanone	200	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
Benzene	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Carbon Tetrachloride	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Chlorobenzene	100	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Chloroform	6	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Tetrachloroethene	0.7	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Trichloroethene	0.5	ND(0.10)	0.51	0.40	ND(0.10)
Vinyl Chloride	0.2	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Semivolatile Organics					
1,4-Dichlorobenzene	7.5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
2,4,5-Trichlorophenol	400	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
2,4,6-Trichlorophenol	2	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
2,4-Dinitrotoluene	0.13	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Cresol	200	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Hexachlorobenzene	0.13	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Hexachlorobutadiene	0.5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Hexachloroethane	3	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Nitrobenzene	2	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Pentachlorophenol	100	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Pyridine	5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Organochlorine Pesticides					
Endrin	0.02	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0015)
Gamma-BHC (Lindane)	0.4	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
Heptachlor	0.008	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Heptachlor Epoxide	0.008	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Methoxychlor	10	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
Technical Chlordane	0.03	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)
Toxaphene	0.5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Herbicides					
2,4,5-TP	1	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4-D	10	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Inorganics					
Arsenic	5	ND(0.100)	ND(0.100)	0.0220 B	ND(0.100)
Barium	100	2.30	1.40	2.70	1.60
Cadmium	1	0.00500 B	0.310	0.00150 B	0.00270 B
Chromium	5	ND(0.0500)	0.00450 B	ND(0.0500)	ND(0.0500)
Lead	5	0.370	82.0	0.0250 B	0.0620 B
Mercury	0.2	ND(0.00200)	ND(0.00200)	ND(0.00200)	ND(0.00200)
Selenium	1	ND(0.200)	ND(0.200)	0.00390 B	0.00420 B
Silver	5	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200)

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of TCLP constituents.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
3. Field duplicate sample results are presented in brackets.
4. Shading indicates that value exceeds the TCLP Regulatory Limits.

Data Qualifiers:

Organics (PCBs, volatiles, semivolatiles, pesticides, herbicides)

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

Inorganics

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

TABLE 11-3
DATA RECEIVED DURING JANUARY 2006

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

Parameter / Sample ID: / Date Collected:	D0576-SOLID 12/21/05	D0580-SOLID 12/21/05
Volatile Organics		
Ethylbenzene	1.9	ND(310)
Toluene	2.3	240 J
Trichloroethene	6.1	1400
Xylenes (total)	12	ND(310)
PCBs		
Aroclor-1254	26000	460000
Total PCBs	26000	460000
Semivolatile Organics		
None Detected	--	--

Notes:

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

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles)

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

TABLE 11-4
TCLP DATA RECEIVED DURING JANUARY 2006

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

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	D0570-SOLID 12/21/2005	D0576-SOLID 12/21/2005	D0580-SOLID 12/21/2005
Volatile Organics				
1,1-Dichloroethene	0.7	ND(0.10)	ND(0.10)	ND(0.10)
1,2-Dichloroethane	0.5	ND(0.10)	ND(0.10)	ND(0.10)
2-Butanone	200	ND(0.20)	ND(0.20)	ND(0.20)
Benzene	0.5	ND(0.10)	ND(0.10)	ND(0.10)
Carbon Tetrachloride	0.5	ND(0.10)	ND(0.10)	ND(0.10)
Chlorobenzene	100	ND(0.10)	ND(0.10)	ND(0.10)
Chloroform	6	ND(0.10)	ND(0.10)	ND(0.10)
Tetrachloroethene	0.7	ND(0.10)	ND(0.10)	ND(0.10)
Trichloroethene	0.5	0.28	0.20	3.8
Vinyl Chloride	0.2	ND(0.10)	ND(0.10)	ND(0.10)
Semivolatile Organics				
1,4-Dichlorobenzene	7.5	ND(0.050)	ND(0.050)	ND(0.050)
2,4,5-Trichlorophenol	400	ND(0.050)	ND(0.050)	ND(0.050)
2,4,6-Trichlorophenol	2	ND(0.050)	ND(0.050)	ND(0.050)
2,4-Dinitrotoluene	0.13	ND(0.050)	ND(0.050)	ND(0.050)
Cresol	200	ND(0.050)	ND(0.050)	ND(0.050)
Hexachlorobenzene	0.13	ND(0.050)	ND(0.050)	ND(0.050)
Hexachlorobutadiene	0.5	ND(0.050)	ND(0.050)	ND(0.050)
Hexachloroethane	3	ND(0.050)	ND(0.050)	ND(0.050)
Nitrobenzene	2	ND(0.050)	ND(0.050)	ND(0.050)
Pentachlorophenol	100	ND(0.050)	ND(0.050)	ND(0.050)
Pyridine	5	ND(0.050)	ND(0.050)	ND(0.050)
Inorganics				
Arsenic	5	ND(0.100)	ND(0.100)	ND(0.100)
Barium	100	1.10	0.950	0.0350
Cadmium	1	0.0140 B	0.00490 B	0.000710 B
Chromium	5	0.00260 B	0.00120 B	0.00140 B
Lead	5	0.350	0.0980 B	1.20
Mercury	0.2	0.000100 B	ND(0.00200)	ND(0.00200)
Selenium	1	0.00660 B	0.00770 B	0.00460 B
Silver	5	ND(0.0200)	ND(0.0200)	ND(0.0200)

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

Data Qualifiers:

Inorganics

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

TABLE 11-5
DATA RECEIVED DURING JANUARY 2006

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

Parameter	Sample ID: / Date Collected:	D0587-LIQUID 12/12/05
Volatile Organics		
Chlorobenzene		0.075 J

Notes:

1. This result has been revised by the laboratory and supersede result reported in Table 11-4 of the December 2005 CD Monthly Report.

Data Qualifiers:

Organics (volatiles)

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

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

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

a. Activities Undertaken/Completed

Initiated supplemental soil sampling activities in accordance with GE's November 2, 2005 Supplemental Sampling Plan, as conditionally approved by EPA on January 17, 2006.

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 supplemental soil sampling activities (contingent on weather).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Sampling activities contingent on weather.

f. Proposed/Approved Work Plan Modifications

Received EPA conditional approval letter for GE's November 2, 2005 Supplemental Sampling Plan (January 17, 2006).

TABLE 12-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2006

FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-A19.5	1/31/06	0-1	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-A20.5	1/31/06	0-1	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-A21.5	1/31/06	0-1	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-AB20.5	1/31/06	0-1	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-AB21	1/31/06	0-1	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-AB21.5	1/31/06	0-1	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-AB22	1/31/06	0-1	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-AB22.5	1/31/06	0-1	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-AB23	1/31/06	0-1	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-AB23.5	1/31/06	0-1	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-B21.5	1/31/06	0-1	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-D2.5	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-DE1	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-DE1.5	1/27/06	1-3	Soil	SGS	Lead, Antimony	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-DE1.5	1/27/06	3-6	Soil	SGS	Lead, Antimony	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-DE1.5	1/27/06	0-1	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-DE2	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-DE2.5	1/27/06	1-3	Soil	SGS	Lead, Antimony	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-DE2.5	1/27/06	3-6	Soil	SGS	Lead, Antimony	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-DE2.5	1/27/06	0-1	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-DUP-1 (RAA15-FG2.5)	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-DUP-2 (RAA15-FG1.5)	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-DUP-3 (RAA15-EF1.5)	1/27/06	1-3	Soil	SGS	Lead, Antimony	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-DUP-4 (RAA15-F2)	1/27/06	3-6	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-DUP-5 (RAA15-G5)	1/30/06	1-3	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-DUP-6 (RAA15-H5)	1/31/06	1-3	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-DUP-7 (RAA15-G4)	1/31/06	3-6	Soil	SGS	SVOC	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-DUP-8 (RAA15-AB21.5)	1/31/06	0-1	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-E0	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-E1.5	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-E2.5	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-E3	1/30/06	1-3	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-E3	1/30/06	10-15	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-E3	1/30/06	3-6	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-E3	1/30/06	6-10	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-E3.5	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-EF1	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-EF1.5	1/27/06	1-3	Soil	SGS	Lead, Antimony	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-EF1.5	1/27/06	3-6	Soil	SGS	Lead, Antimony	

TABLE 12-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2006

FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-EF1.5	1/27/06	0-1	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-EF2	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-EF2.5	1/27/06	1-3	Soil	SGS	Lead, Antimony	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-EF2.5	1/27/06	3-6	Soil	SGS	Lead, Antimony	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-EF2.5	1/27/06	0-1	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-EF3	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-EF3.5	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-EF4	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-EF4.5	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-EF5	1/31/06	0-1	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F1	1/27/06	1-3	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F1	1/27/06	10-15	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F1	1/27/06	3-6	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F1	1/27/06	6-10	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F1.5	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F2	1/27/06	1-3	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F2	1/27/06	10-15	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F2	1/27/06	3-6	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F2	1/27/06	6-10	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F2.5	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F3	1/30/06	1-3	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F3	1/30/06	10-15	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F3	1/30/06	3-6	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F3	1/30/06	6-10	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F4	1/31/06	1-3	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F4	1/31/06	10-15	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F4	1/31/06	3-6	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F4	1/31/06	6-10	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F5	1/30/06	1-3	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F5	1/30/06	10-15	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F5	1/30/06	3-6	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F5	1/30/06	6-10	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F5.5	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F6	1/31/06	1-3	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F6	1/31/06	3-6	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F6	1/31/06	6-8	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-F6.5	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-FG1	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-FG1.5	1/26/06	0-1	Soil	SGS	PCB	1/31/06

TABLE 12-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2006

FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-FG2	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-FG2.5	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-FG3	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-FG4.5	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-FG5	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-FG5.5	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-FG6	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-FG6.5	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-G1.5	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-G2.5	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-G3	1/31/06	1-3	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-G3	1/31/06	3-4	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-G3.5	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-G4	1/31/06	3-6	Soil	SGS	SVOC	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-G4.5	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-G5	1/30/06	1-3	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-G5	1/30/06	10-15	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-G5	1/30/06	3-6	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-G5	1/30/06	6-10	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-G5.5	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-G6.5	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-GH1.5	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-GH2	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-GH2.5	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-GH3	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-GH3.5	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-GH4	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-GH4.5	1/25/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-GH5	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-GH5.5	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-GH6	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-H1.5	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-H2	1/30/06	1-3	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-H2	1/30/06	10-15	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-H2	1/30/06	3-6	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-H2	1/30/06	6-10	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-H2.5	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-H3	1/31/06	1-3	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-H3	1/31/06	10-15	Soil	SGS	PCB	

TABLE 12-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2006

FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-H3	1/31/06	3-6	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-H3	1/31/06	6-10	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-H3.5	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-H4	1/31/06	1-3	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-H4	1/31/06	10-15	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-H4	1/31/06	3-6	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-H4	1/31/06	6-10	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-H4.5	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-H5	1/31/06	1-3	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-H5	1/31/06	10-15	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-H5	1/31/06	3-6	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-H5	1/31/06	6-10	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-I2	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-I2.5	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-I3	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-I3.5	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-I4	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-I4.5	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-J2.5	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-J3	1/30/06	1-3	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-J3	1/30/06	10-15	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-J3	1/30/06	3-6	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-J3	1/30/06	6-10	Soil	SGS	PCB	
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-J3.5	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-K2	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-K2.5	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-K3	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-K3.5	1/26/06	0-1	Soil	SGS	PCB	1/31/06
Supplemental Sampling - Addendum to Final RD/RA Work Plan	RAA15-M2.5	1/26/06	0-1	Soil	SGS	PCB	1/31/06

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

TABLE 12-2
PCB DATA RECEIVED DURING JANUARY 2006

SUPPLEMENTAL SAMPLING - ADDENDUM TO FINAL RD/RA WORK PLAN
FORMER OXBOW AREAS J AND K
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
RAA15-D2.5	0-1	1/25/2006	ND(0.040)	0.22	0.20	0.42
RAA15-DE1	0-1	1/25/2006	ND(0.036)	ND(0.036)	0.32	0.32
RAA15-DE2	0-1	1/25/2006	ND(0.040)	ND(0.040)	0.30	0.30
RAA15-E0	0-1	1/25/2006	ND(0.042)	ND(0.042)	0.037 J	0.037 J
RAA15-E1.5	0-1	1/25/2006	ND(0.045)	ND(0.045)	0.20	0.20
RAA15-E2.5	0-1	1/25/2006	ND(0.043)	0.44	0.088	0.528
RAA15-E3.5	0-1	1/25/2006	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
RAA15-EF1	0-1	1/26/2006	ND(0.037)	0.14	0.26	0.40
RAA15-EF2	0-1	1/25/2006	ND(0.041)	ND(0.041)	0.13	0.13
RAA15-EF3	0-1	1/25/2006	ND(0.036)	0.12	0.080	0.20
RAA15-EF3.5	0-1	1/25/2006	ND(0.035)	0.16	0.088	0.248
RAA15-EF4	0-1	1/25/2006	ND(0.037)	0.077	0.051	0.128
RAA15-EF4.5	0-1	1/25/2006	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA15-F1.5	0-1	1/26/2006	ND(0.039)	0.17	0.50	0.67
RAA15-F2.5	0-1	1/25/2006	ND(0.040)	0.15	0.18	0.33
RAA15-F5.5	0-1	1/25/2006	ND(0.039)	0.31	0.43	0.74
RAA15-F6.5	0-1	1/26/2006	ND(0.040)	0.13	0.064	0.194
RAA15-FG1	0-1	1/26/2006	ND(0.039)	0.11	0.31	0.42
RAA15-FG1.5	0-1	1/26/2006	ND(0.038) [ND(0.037)]	0.11 [0.085]	0.29 [0.23]	0.40 [0.315]
RAA15-FG2	0-1	1/26/2006	ND(0.041)	0.13	0.22	0.35
RAA15-FG2.5	0-1	1/25/2006	ND(0.038) [ND(0.038)]	0.63 [0.67]	0.43 [0.42]	1.06 [1.09]
RAA15-FG3	0-1	1/25/2006	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA15-FG4.5	0-1	1/25/2006	ND(0.042)	0.38	0.49	0.87
RAA15-FG5	0-1	1/25/2006	ND(0.038)	0.14	0.20	0.34
RAA15-FG5.5	0-1	1/26/2006	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA15-FG6	0-1	1/26/2006	ND(0.038)	ND(0.038)	0.033 J	0.033 J
RAA15-FG6.5	0-1	1/26/2006	ND(0.041)	ND(0.041)	0.099	0.099
RAA15-G1.5	0-1	1/26/2006	ND(0.049)	0.15	0.22	0.37
RAA15-G2.5	0-1	1/25/2006	ND(0.041)	0.29	0.32	0.61
RAA15-G3.5	0-1	1/25/2006	ND(0.040)	0.20	0.14	0.34
RAA15-G4.5	0-1	1/25/2006	ND(0.037)	0.12	0.22	0.34
RAA15-G5.5	0-1	1/26/2006	ND(0.21)	1.1	2.3	3.4
RAA15-G6.5	0-1	1/26/2006	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA15-GH1.5	0-1	1/26/2006	ND(0.040)	0.17	0.26	0.43
RAA15-GH2	0-1	1/26/2006	ND(0.036)	ND(0.036)	0.21	0.21
RAA15-GH2.5	0-1	1/26/2006	ND(0.79)	15	5.2	20.2
RAA15-GH3	0-1	1/25/2006	ND(0.040)	0.23	0.29	0.52
RAA15-GH3.5	0-1	1/25/2006	ND(0.039)	0.27	0.20	0.47
RAA15-GH4	0-1	1/25/2006	ND(0.037)	ND(0.037)	0.14	0.14
RAA15-GH4.5	0-1	1/25/2006	ND(0.040)	0.24	0.53	0.77
RAA15-GH5	0-1	1/26/2006	ND(0.044)	ND(0.044)	0.10	0.10
RAA15-GH5.5	0-1	1/26/2006	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA15-GH6	0-1	1/26/2006	ND(0.041)	ND(0.041)	0.037 J	0.037 J
RAA15-H1.5	0-1	1/26/2006	ND(0.043)	0.27	0.70	0.97
RAA15-H2.5	0-1	1/26/2006	ND(0.038)	0.084	0.11	0.194
RAA15-H3.5	0-1	1/26/2006	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA15-H4.5	0-1	1/26/2006	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
RAA15-I2	0-1	1/26/2006	ND(0.045)	0.13	0.37	0.50
RAA15-I2.5	0-1	1/26/2006	ND(0.39)	8.0	4.2	12.2
RAA15-I3	0-1	1/26/2006	ND(0.041)	ND(0.041)	0.51	0.51
RAA15-I3.5	0-1	1/26/2006	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA15-I4	0-1	1/26/2006	ND(0.042)	ND(0.042)	0.071	0.071
RAA15-I4.5	0-1	1/26/2006	ND(0.042)	ND(0.042)	0.14	0.14
RAA15-J2.5	0-1	1/26/2006	ND(0.039)	ND(0.039)	0.038 J	0.038 J
RAA15-J3.5	0-1	1/26/2006	ND(0.042)	0.11	0.12	0.23
RAA15-K2	0-1	1/26/2006	ND(0.046)	0.075	0.11	0.185

TABLE 12-2
PCB DATA RECEIVED DURING JANUARY 2006

SUPPLEMENTAL SAMPLING - ADDENDUM TO FINAL RD/RA WORK PLAN
FORMER OXBOW AREAS J AND K
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
RAA15-K2.5	0-1	1/26/2006	ND(0.040)	ND(0.040)	0.18	0.18
RAA15-K3	0-1	1/26/2006	ND(0.040)	0.17	0.14	0.31
RAA15-K3.5	0-1	1/26/2006	ND(0.039)	0.098	0.22	0.318
RAA15-M2.5	0-1	1/26/2006	ND(0.041)	0.10	0.19	0.29

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

Data Qualifiers:

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

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

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted 2005 Annual Monitoring Report (January 30, 2006).

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

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- Seepage meter monitoring has not occurred due to increased water levels. EPA and GE have agreed to postpone installation of seepage meters until after the completion of EPA activities in the 1½ Mile Reach.

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

f. Proposed/Approved Work Plan Modifications

None

TABLE 13-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2006

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Monthly Water Column Sampling/Upper 1/2 Mile Reach Low Flow Sampling	LOCATION-2	12/20/05	Water	NEA	PCB, PCB (f) TSS, POC, Chlorophyll-A	1/9/06
Monthly Water Column Sampling/Upper 1/2 Mile Reach Low Flow Sampling	LOCATION-4	12/20/05	Water	NEA	PCB, PCB (f) TSS, POC, Chlorophyll-A	1/9/06

Note:
1. (f) - Indicates filtered analysis requested.

TABLE 13-2
SAMPLE DATA RECEIVED DURING JANUARY 2006

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

Sample ID	Location	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION 2	Newell Street Bridge	12/20/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.481	3.44	0.00040
LOCATION 2 (FILTERED)		12/20/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	NA	NA	NA
LOCATION 4	Lyman Street Bridge	12/20/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.465	3.70	0.00040
LOCATION 4 (FILTERED)		12/20/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	NA	NA	NA

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to Northeast Analytical, Inc. for analysis of PCBs (filtered and unfiltered), 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. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
5. POC and chlorophyll (a) in addition to Housatonic River - 1/2 Mile Reach low flow sampling parameters have been analyzed as part of the Housatonic River Monthly Water Column Monitoring Program.

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

(Note: This item is limited to activities conducted by GE and does not include EPA's work on the 1½ Mile Reach Removal Action)

a. Activities Undertaken/Completed

On January 31, 2006, BBL (on GE's behalf) performed a round of water column monitoring at nine locations along the Housatonic River between Coltsville, MA and Great Barrington, MA. Two of these locations are situated in the 1½ Mile Reach: Lyman Street Bridge (Location 4) and Pomeroy Avenue Bridge (Location 6A). A composite grab sample was collected at each location and submitted to Northeast Analytical for analysis of PCBs (total), TSS, POC, and chlorophyll-a, as identified in Table 14-1. (The other seven locations are discussed under Item 15 below.)

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

Continue Housatonic River monthly water column monitoring.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Monthly Water Column Sampling	LOCATION-4	1/31/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	LOCATION-6A	1/31/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	LOCATION-6A	12/20/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/9/06
Monthly Water Column Sampling/Upper 1/2 Mile Reach Low Flow Sampling	LOCATION-4	12/20/05	Water	NEA	PCB, PCB (f) TSS, POC, Chlorophyll-A	1/9/06

Note:
1. (f) - Indicates filtered analysis requested.

TABLE 14-2
SAMPLE DATA RECEIVED DURING JANUARY 2006

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

Sample ID	Location	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-4	Lyman Street Bridge	12/20/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.465	3.70	0.00040
LOCATION-4 (FILTERED) [5]		12/20/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	NA	NA	NA
LOCATION-6A	Pomeroy Ave. Bridge	12/20/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.355	3.60	0.00060

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to Northeast Analytical, Inc. for analysis of PCBs (filtered and unfiltered), 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. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
5. Filtered PCBs in addition to Monthly Water Column monitoring parameters have been analyzed as part of the Housatonic River 1/2 Mile Reach low flow event at Location 4.

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

a. Activities Undertaken/Completed

- On January 31, 2006, BBL (on GE's behalf) performed a round of water column monitoring at nine locations along the Housatonic River between Coltsville and Great Barrington, MA. Two locations are situated in the 1½ Mile Reach of the Housatonic River and were discussed in Item 14. Of the remaining seven locations, two are located upstream of the 1½ Mile Reach: Hubbard Avenue Bridge (Location 1) and Newell Street Bridge (Location 2). The five remaining locations are situated in the Rest of the River: Holmes Road Bridge (Location 7); New Lenox Road Bridge (Location 9); Woods Pond Headwaters (Location 10); Schweitzer Bridge (Location 12); and Division Street Bridge (Location 13). Sampling activities were performed at all these locations on January 31, 2006 from downstream to upstream. Composite grab samples were collected at each location sampled and submitted to Northeast Analytical for analysis of PCBs (total), TSS, POC, and chlorophyll-a, as identified in Table 15-1.

- Continued work on repairs to gate stem at Rising Pond Dam.*

- Participated in discussions with EPA regarding its December 9, 2005 comments on GE's September 2005 IMPG Proposal under the Reissued RCRA Permit.*

b. Sampling/Test Results

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted notification, pursuant to Special Condition II.N.1 of the Reissued RCRA Permit, of GE's objections to EPA's December 9, 2005 disapproval of and comments on GE's September 2005 IMPG Proposal, along with GE's Statement of Position on Objections to EPA's Disapproval of IMPG Proposal (January 23, 2006).* See also Item 15.e below.

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

- Continue Housatonic River monthly water column monitoring.

- Submit report on structural integrity inspection of Woods Pond Dam.*

- Continue work on repairs to gate stem at Rising Pond Dam.*

- Review structural integrity report on Rising Pond Dam.*

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

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

- Work on development of revised IMPG Proposal.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- GE's January 23, 2006 notification letter referenced in Item 15.c constituted invocation of dispute resolution under the Reissued RCRA Permit on EPA's disapproval of GE's IMPG Proposal. However, in the same letter, GE proposed to say this dispute resolution proceeding until either (a) the time when GE can seek administrative dispute resolution regarding EPA's notification of its intended decision on the Permit modification to select a remedial action for the Rest of River, or (b) the time of an appeal of that Permit modification pursuant Permit and the CD. In a letter dated January 25, 2006, EPA agreed to the proposed stay.*

- GE and EPA have agreed that GE will submit a revised IMPG Proposal by March 10, 2006.*

f. Proposed/Approved Work Plan Modifications

None

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Monthly Water Column Sampling	HR-D1 (LOCATION-12)	12/20/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/9/06
Monthly Water Column Sampling	HR-D1 (LOCATION-12)	1/31/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	LOCATION-1	12/20/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/9/06
Monthly Water Column Sampling	LOCATION-1	1/31/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	LOCATION-10	1/31/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	LOCATION-10	12/20/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/9/06
Monthly Water Column Sampling	LOCATION-12	1/31/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	LOCATION-12	12/20/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/9/06
Monthly Water Column Sampling	LOCATION-13	1/31/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	LOCATION-13	12/20/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/9/06
Monthly Water Column Sampling	LOCATION-2	1/31/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	LOCATION-7	12/20/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/9/06
Monthly Water Column Sampling	LOCATION-7	1/31/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	LOCATION-9	1/31/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	LOCATION-9	12/20/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/9/06
Monthly Water Column Sampling/Upper 1/2 Mile Reach Low Flow Sampling	LOCATION-2	12/20/05	Water	NEA	PCB, PCB (f) TSS, POC, Chlorophyll-A	1/9/06

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

TABLE 15-2
SAMPLE DATA RECEIVED DURING JANUARY 2006

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

Sample ID	Location	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-1	Hubbard Avenue Bridge	12/20/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.600	2.24	0.00040
LOCATION-2	Newell Street Bridge	12/20/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.481	3.44	0.00040
LOCATION-2 (FILTERED)[6]		12/20/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	NA	NA	NA
LOCATION-7	Holmes Road Bridge	12/20/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.409	3.80	0.00060
LOCATION-9	New Lenox Road Bridge	12/20/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.460	4.30	0.00060
LOCATION-10	Headwaters of Woods Pond	12/20/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.293	2.20	0.00040
LOCATION-12	Schweitzer Bridge	12/20/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.264	1.90	0.00060
		12/20/2005	[ND(0.0000220)]	[ND(0.0000220)]	[ND(0.0000220)]	[ND(0.0000220)]	[0.261]	[2.40]	[0.00050]
LOCATION-13	Division Street Bridge	12/20/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.204	1.50	0.00070

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to Northeast Analytical, Inc. for analysis of PCBs (filtered and unfiltered), 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. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
5. Field duplicate sample results are presented in brackets.
6. Filtered PCBs in addition to Monthly Water Column monitoring parameters have been analyzed as part of the Housatonic River 1/2 Mile Reach low flow event at Location 2.

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

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

a. Activities Undertaken/Completed

Continued restoration activities at certain Phase 3 floodplain properties.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Submit report on the inspection of the backfilled/restored areas at Phase 3 properties (conducted in December 2005).

- Submit an Addendum to the *Removal Design/Removal Action Work Plan for the Phase 4 Floodplain Properties* (due by February 14, 2006).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

GE will discuss with EPA a schedule for submittal of Final Completion Reports for Phase 1, Phase 2, and Phase 3 properties and ERE for City property in Phase 2.

f. Proposed/Approved Work Plan Modifications

Received EPA's conditional approval of the *Removal Design/Removal Action Work Plan for the Phase 4 Floodplain Properties* (January 24, 2006).

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Awaiting EPA approval of GE's Pre-Design Investigation Work Plan (submitted on February 26, 2002). (Based on discussions with EPA, it appears that 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)
JANUARY 2006

a. Activities Undertaken/Completed

- Received results of EPA's outdoor ambient air sampling at Allendale School property.
- Received results from MDEP's soil sampling from crawl space beneath the school.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Receive results from outdoor air monitoring conducted by EPA (dependent on OPCA activities), as well as, potentially, results from any additional indoor sampling conducted by the Massachusetts Department of Public Health (MDPH) at Allendale School.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

See Item 19.d.

f. Proposed/Approved Work Plan Modifications

None

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

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

a. Activities Undertaken/Completed

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

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled Activities (next six weeks)

- Continue water level monitoring at well pairs surrounding the lake.

- Submit Supplement to Third Interim Pre-Design Investigation Report for Soils Adjacent to Silver Lake, providing validated results for lead from samples collected in December 2005 from Parcel I9-9-19, an evaluation of the need for additional soil data at that property and other properties adjacent to Silver Lake, and a proposal for the collection of additional soil data to satisfy data needs at these properties.

- Submit Bench-Scale Study Report (due March 1, 2006).

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 JANUARY 200(

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
Silver Lake Bench Scale Study	SL-BS-D10-W7	12/13/05	NA	Water	NEA	PCB	1/4/06
Silver Lake Bench Scale Study	SL-BS-D11-W7	12/13/05	NA	Water	NEA	PCB	1/4/06
Silver Lake Bench Scale Study	SL-BS-D12-W7	12/13/05	NA	Water	NEA	PCB	1/4/06
Silver Lake Bench Scale Study	SL-BS-D14-W7	12/13/05	NA	Water	NEA	PCB	1/4/06
Silver Lake Bench Scale Study	SL-BS-SE-D10-CAP	12/14/05	0-2	Sediment	Alpha Woods Hole	VPH, EPH	1/30/06
Silver Lake Bench Scale Study	SL-BS-SE-D10-CAP	12/14/05	2-4	Sediment	Alpha Woods Hole	VPH, EPH	1/30/06
Silver Lake Bench Scale Study	SL-BS-SE-D10-CAP	12/14/05	4-6	Sediment	Alpha Woods Hole	VPH, EPH	1/30/06
Silver Lake Bench Scale Study	SL-BS-SE-D10-CAP	12/14/05	6-11	Sediment	Alpha Woods Hole	VPH, EPH	1/30/06
Silver Lake Bench Scale Study	SL-BS-SE-D10-CAP	12/14/05	0-2	Sediment	NEA	PCB, TOC	1/4/06
Silver Lake Bench Scale Study	SL-BS-SE-D10-CAP	12/14/05	2-4	Sediment	NEA	PCB, TOC	1/4/06
Silver Lake Bench Scale Study	SL-BS-SE-D10-CAP	12/14/05	4-6	Sediment	NEA	PCB, TOC	1/4/06
Silver Lake Bench Scale Study	SL-BS-SE-D10-CAP	12/14/05	6-11	Sediment	NEA	PCB, TOC	1/4/06
Silver Lake Bench Scale Study	SL-BS-SE-D10-F	12/14/05	NA	Solid	NEA	PCB	1/4/06
Silver Lake Bench Scale Study	SL-BS-SE-D10-SED	12/14/05	0-6	Sediment	Alpha Woods Hole	VPH, EPH	1/30/06
Silver Lake Bench Scale Study	SL-BS-SE-D10-SED	12/14/05	0-6	Sediment	NEA	PCB	1/4/06
Silver Lake Bench Scale Study	SL-BS-SE-D11-CAP	12/13/05	0-2	Sediment	Alpha Woods Hole	VPH, EPH	1/30/06
Silver Lake Bench Scale Study	SL-BS-SE-D11-CAP	12/13/05	2-4	Sediment	Alpha Woods Hole	VPH, EPH	1/30/06
Silver Lake Bench Scale Study	SL-BS-SE-D11-CAP	12/13/05	4-6	Sediment	Alpha Woods Hole	VPH, EPH	1/30/06
Silver Lake Bench Scale Study	SL-BS-SE-D11-CAP	12/13/05	6-11	Sediment	Alpha Woods Hole	VPH, EPH	1/30/06
Silver Lake Bench Scale Study	SL-BS-SE-D11-CAP	12/13/05	0-2	Sediment	NEA	PCB, TOC	1/4/06
Silver Lake Bench Scale Study	SL-BS-SE-D11-CAP	12/13/05	2-4	Sediment	NEA	PCB, TOC	1/4/06
Silver Lake Bench Scale Study	SL-BS-SE-D11-CAP	12/13/05	4-6	Sediment	NEA	PCB, TOC	1/4/06
Silver Lake Bench Scale Study	SL-BS-SE-D11-CAP	12/13/05	6-11	Sediment	NEA	PCB, TOC	1/4/06
Silver Lake Bench Scale Study	SL-BS-SE-D11-F	12/13/05	NA	Solid	NEA	PCB	1/4/06
Silver Lake Bench Scale Study	SL-BS-SE-D11-SED	12/13/05	0-6	Sediment	Alpha Woods Hole	VPH, EPH	1/30/06
Silver Lake Bench Scale Study	SL-BS-SE-D11-SED	12/13/05	0-6	Sediment	NEA	PCB	1/4/06
Silver Lake Bench Scale Study	SL-BS-SE-D12-CAP	12/14/05	0-2	Sediment	Alpha Woods Hole	VPH, EPH	1/30/06
Silver Lake Bench Scale Study	SL-BS-SE-D12-CAP	12/14/05	2-4	Sediment	Alpha Woods Hole	VPH, EPH	1/30/06
Silver Lake Bench Scale Study	SL-BS-SE-D12-CAP	12/14/05	4-6	Sediment	Alpha Woods Hole	VPH, EPH	1/30/06
Silver Lake Bench Scale Study	SL-BS-SE-D12-CAP	12/14/05	6-11	Sediment	Alpha Woods Hole	VPH, EPH	1/30/06
Silver Lake Bench Scale Study	SL-BS-SE-D12-CAP	12/14/05	0-2	Sediment	NEA	PCB, TOC	1/4/06
Silver Lake Bench Scale Study	SL-BS-SE-D12-CAP	12/14/05	2-4	Sediment	NEA	PCB, TOC	1/4/06
Silver Lake Bench Scale Study	SL-BS-SE-D12-CAP	12/14/05	4-6	Sediment	NEA	PCB, TOC	1/4/06
Silver Lake Bench Scale Study	SL-BS-SE-D12-CAP	12/14/05	6-11	Sediment	NEA	PCB, TOC	1/4/06

TABLE 20-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 200

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
Silver Lake Bench Scale Study	SL-BS-SE-D12-F	12/14/05	NA	Solid	NEA	PCB	1/4/06
Silver Lake Bench Scale Study	SL-BS-SE-D12-SED	12/14/05	0-6	Sediment	Alpha Woods Hole	VPH, EPH	1/30/06
Silver Lake Bench Scale Study	SL-BS-SE-D12-SED	12/14/05	0-6	Sediment	NEA	PCB	1/4/06
Silver Lake Bench Scale Study	SL-BS-SE-D14-F	12/13/05	NA	Solid	NEA	PCB	1/4/06

TABLE 20-2
DATA RECEIVED DURING JANUARY 2006

SILVER LAKE BENCH SCALE STUDY
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Matrix: / Sample Depth (Inches): / Date Collected:	SL-BS-D10-W7 Water 0-0 12/13/05	SL-BS-D11-W7 Water 0-0 12/13/05	SL-BS-D12-W7 Water 0-0 12/13/05	SL-BS-D14-W7 Water 0-0 12/13/05	SL-BS-SE-D10-CAP Sediment 0-2 12/14/05	SL-BS-SE-D10-CAP Sediment 2-4 12/14/05	SL-BS-SE-D10-CAP Sediment 4-6 12/14/05
PCBs								
Aroclor-1248		ND(0.000031)	ND(0.000028)	ND(0.000022)	0.000089 PE	ND(0.058)	ND(0.059)	ND(0.061)
Aroclor-1254		ND(0.000031)	ND(0.000028)	ND(0.000022)	0.000073 AF	ND(0.058)	ND(0.059)	ND(0.061)
Aroclor-1260		0.000037 AG	0.000028 AG	0.000029 AG	0.000096 AG	ND(0.058)	ND(0.059)	ND(0.061)
Total PCBs		0.000037	0.000028	0.000029	0.000258	ND(0.058)	ND(0.059)	ND(0.061)
Extractable Petroleum Hydrocarbons								
C9-C18 Aliphatic Hydrocarbons		NA	NA	NA	NA	ND(3.6)	ND(3.8)	ND(3.7)
C11-C22 Aromatic Hydrocarbons		NA	NA	NA	NA	ND(10)	ND(11)	12
C19-C36 Aliphatic Hydrocarbons		NA	NA	NA	NA	ND(4.8)	ND(5.1)	12
Unadjusted C11-C22 Aromatic Hydrocarbons		NA	NA	NA	NA	ND(10)	ND(11)	12
2-Methylnaphthalene		NA	NA	NA	NA	ND(0.60)	ND(0.63)	ND(0.62)
Acenaphthene		NA	NA	NA	NA	ND(0.60)	ND(0.63)	ND(0.62)
Acenaphthylene		NA	NA	NA	NA	ND(0.60)	ND(0.63)	ND(0.62)
Anthracene		NA	NA	NA	NA	ND(0.60)	ND(0.63)	ND(0.62)
Benzo(a)anthracene		NA	NA	NA	NA	ND(0.60)	ND(0.63)	ND(0.62)
Benzo(a)pyrene		NA	NA	NA	NA	ND(0.60)	ND(0.63)	ND(0.62)
Benzo(b)fluoranthene		NA	NA	NA	NA	ND(0.60)	ND(0.63)	ND(0.62)
Benzo(g,h,i)perylene		NA	NA	NA	NA	ND(0.60)	ND(0.63)	ND(0.62)
Benzo(k)fluoranthene		NA	NA	NA	NA	ND(0.60)	ND(0.63)	ND(0.62)
Chrysene		NA	NA	NA	NA	ND(0.60)	ND(0.63)	ND(0.62)
Dibenzo(a,h)anthracene		NA	NA	NA	NA	ND(0.60)	ND(0.63)	ND(0.62)
Fluoranthene		NA	NA	NA	NA	ND(0.60)	ND(0.63)	ND(0.62)
Fluorene		NA	NA	NA	NA	ND(0.60)	ND(0.63)	ND(0.62)
Indeno(1,2,3-cd)pyrene		NA	NA	NA	NA	ND(0.60)	ND(0.63)	ND(0.62)
Naphthalene		NA	NA	NA	NA	ND(0.60)	ND(0.63)	ND(0.62)
Phenanthrene		NA	NA	NA	NA	ND(0.60)	ND(0.63)	ND(0.62)
Pyrene		NA	NA	NA	NA	ND(0.60)	ND(0.63)	ND(0.62)
Volatile Petroleum Hydrocarbons								
C5-C8 Aliphatic Hydrocarbons		NA	NA	NA	NA	ND(8.4)	ND(9.2)	13
C9-C10 Aromatic Hydrocarbons		NA	NA	NA	NA	ND(4.2)	ND(4.6)	ND(4.6)
C9-C12 Aliphatic Hydrocarbons		NA	NA	NA	NA	ND(4.2)	ND(4.6)	ND(4.6)
Unadjusted C5-C8 Aliphatic Hydrocarbons		NA	NA	NA	NA	ND(8.4)	ND(9.2)	13
Unadjusted C9-C12 Aliphatic Hydrocarbons		NA	NA	NA	NA	ND(4.2)	ND(4.6)	ND(4.6)
Benzene		NA	NA	NA	NA	ND(0.21)	ND(0.23)	ND(0.23)
Ethylbenzene		NA	NA	NA	NA	ND(0.21)	ND(0.23)	ND(0.23)
m&p-Xylene		NA	NA	NA	NA	ND(0.42)	ND(0.46)	ND(0.46)
Methyl tert-butyl ether		NA	NA	NA	NA	ND(0.21)	ND(0.23)	ND(0.23)
Naphthalene		NA	NA	NA	NA	ND(0.42)	ND(0.46)	ND(0.46)
o-Xylene		NA	NA	NA	NA	ND(0.21)	ND(0.23)	ND(0.23)
Toluene		NA	NA	NA	NA	ND(0.21)	ND(0.23)	ND(0.23)

TABLE 20-2
DATA RECEIVED DURING JANUARY 2006

SILVER LAKE BENCH SCALE STUDY
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID:	SL-BS-D10-W7	SL-BS-D11-W7	SL-BS-D12-W7	SL-BS-D14-W7	SL-BS-SE-D10-CAP	SL-BS-SE-D10-CAP	SL-BS-SE-D10-CAP
Matrix:	Water	Water	Water	Water	Sediment	Sediment	Sediment
Sample Depth (Inches):	0-0	0-0	0-0	0-0	0-2	2-4	4-6
Date Collected:	12/13/05	12/13/05	12/13/05	12/13/05	12/14/05	12/14/05	12/14/05
Total Organic Carbon							
TOC - Replicate 1	NA	NA	NA	NA	6400	7800	5700
TOC - Replicate 2	NA	NA	NA	NA	9600	5600	7700
TOC - Replicate 3	NA	NA	NA	NA	10000	25000	10000
TOC - Replicate 4	NA	NA	NA	NA	13000	5200	7300
TOC - Average	NA	NA	NA	NA	9900	11000	7700
TOC - % RSD	NA	NA	NA	NA	28	87	24

TABLE 20-2
DATA RECEIVED DURING JANUARY 2006

SILVER LAKE BENCH SCALE STUDY
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Matrix: / Sample Depth (Inches): / Date Collected:	SL-BS-SE-D10-CAP Sediment 6-11 12/14/05	SL-BS-SE-D10-F Solid 0-0 12/14/05	SL-BS-SE-D10-SED Sediment 0-6 12/14/05	SL-BS-SE-D11-CAP Sediment 0-2 12/13/05	SL-BS-SE-D11-CAP Sediment 2-4 12/13/05	SL-BS-SE-D11-CAP Sediment 4-6 12/13/05
PCBs							
Aroclor-1248		ND(0.064)	ND(0.060)	120 PE	ND(0.059)	ND(0.061)	ND(0.059)
Aroclor-1254		ND(0.064)	ND(0.060)	73 AF	ND(0.059)	ND(0.061)	ND(0.059)
Aroclor-1260		ND(0.064)	ND(0.060)	75 AG	ND(0.059)	ND(0.061)	ND(0.059)
Total PCBs		ND(0.064)	ND(0.060)	268	ND(0.059)	ND(0.061)	ND(0.059)
Extractable Petroleum Hydrocarbons							
C9-C18 Aliphatic Hydrocarbons		ND(4.1)	ND(3.3)	3300	ND(3.7)	ND(3.7)	ND(3.8)
C11-C22 Aromatic Hydrocarbons		ND(12)	ND(9.3)	3400	ND(10)	ND(11)	ND(11)
C19-C36 Aliphatic Hydrocarbons		ND(5.5)	ND(4.4)	9500	ND(4.9)	5.8	ND(5.1)
Unadjusted C11-C22 Aromatic Hydrocarbons		ND(12)	ND(9.3)	3600	ND(10)	ND(11)	ND(11)
2-Methylnaphthalene		ND(0.68)	ND(0.55)	2.1	ND(0.61)	ND(0.62)	ND(0.63)
Acenaphthene		ND(0.68)	ND(0.55)	2.2	ND(0.61)	ND(0.62)	ND(0.63)
Acenaphthylene		ND(0.68)	ND(0.55)	2.6	ND(0.61)	ND(0.62)	ND(0.63)
Anthracene		ND(0.68)	ND(0.55)	4.2	ND(0.61)	ND(0.62)	ND(0.63)
Benzo(a)anthracene		ND(0.68)	ND(0.55)	9.0	ND(0.61)	ND(0.62)	ND(0.63)
Benzo(a)pyrene		ND(0.68)	ND(0.55)	9.4	ND(0.61)	ND(0.62)	ND(0.63)
Benzo(b)fluoranthene		ND(0.68)	ND(0.55)	14	ND(0.61)	ND(0.62)	ND(0.63)
Benzo(g,h,i)perylene		ND(0.68)	ND(0.55)	5.5	ND(0.61)	ND(0.62)	ND(0.63)
Benzo(k)fluoranthene		ND(0.68)	ND(0.55)	3.7	ND(0.61)	ND(0.62)	ND(0.63)
Chrysene		ND(0.68)	ND(0.55)	12	ND(0.61)	ND(0.62)	ND(0.63)
Dibenzo(a,h)anthracene		ND(0.68)	ND(0.55)	7.8	ND(0.61)	ND(0.62)	ND(0.63)
Fluoranthene		ND(0.68)	ND(0.55)	26	ND(0.61)	ND(0.62)	ND(0.63)
Fluorene		ND(0.68)	ND(0.55)	ND(1.5)	ND(0.61)	ND(0.62)	ND(0.63)
Indeno(1,2,3-cd)pyrene		ND(0.68)	ND(0.55)	7.8	ND(0.61)	ND(0.62)	ND(0.63)
Naphthalene		ND(0.68)	ND(0.55)	1.9	ND(0.61)	ND(0.62)	ND(0.63)
Phenanthrene		ND(0.68)	ND(0.55)	13	ND(0.61)	ND(0.62)	ND(0.63)
Pyrene		ND(0.68)	ND(0.55)	24	ND(0.61)	ND(0.62)	ND(0.63)
Volatile Petroleum Hydrocarbons							
C5-C8 Aliphatic Hydrocarbons		17	ND(21)	ND(140)	ND(8.5)	ND(8.5)	ND(8.9)
C9-C10 Aromatic Hydrocarbons		ND(5.2)	ND(10)	220	ND(4.3)	ND(4.2)	ND(4.5)
C9-C12 Aliphatic Hydrocarbons		ND(5.2)	ND(10)	150	ND(4.3)	ND(4.2)	ND(4.5)
Unadjusted C5-C8 Aliphatic Hydrocarbons		17	ND(21)	ND(140)	ND(8.5)	ND(8.5)	ND(8.9)
Unadjusted C9-C12 Aliphatic Hydrocarbons		ND(5.2)	ND(10)	380	ND(4.3)	ND(4.2)	ND(4.5)
Benzene		ND(0.26)	ND(0.52)	ND(3.4)	ND(0.21)	ND(0.21)	ND(0.22)
Ethylbenzene		ND(0.26)	ND(0.52)	ND(3.4)	ND(0.21)	ND(0.21)	ND(0.22)
m&p-Xylene		ND(0.52)	ND(1.0)	ND(6.7)	ND(0.43)	ND(0.42)	ND(0.45)
Methyl tert-butyl ether		ND(0.26)	ND(0.52)	ND(3.4)	ND(0.21)	ND(0.21)	ND(0.22)
Naphthalene		ND(0.52)	ND(1.0)	ND(6.7)	ND(0.43)	ND(0.42)	ND(0.45)
o-Xylene		ND(0.26)	ND(0.52)	ND(3.4)	ND(0.21)	ND(0.21)	ND(0.22)
Toluene		ND(0.26)	ND(0.52)	ND(3.4)	ND(0.21)	ND(0.21)	ND(0.22)

TABLE 20-2
DATA RECEIVED DURING JANUARY 2006

SILVER LAKE BENCH SCALE STUDY
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Matrix: / Sample Depth (Inches): / Date Collected:	SL-BS-SE-D10-CAP Sediment 6-11 12/14/05	SL-BS-SE-D10-F Solid 0-0 12/14/05	SL-BS-SE-D10-SED Sediment 0-6 12/14/05	SL-BS-SE-D11-CAP Sediment 0-2 12/13/05	SL-BS-SE-D11-CAP Sediment 2-4 12/13/05	SL-BS-SE-D11-CAP Sediment 4-6 12/13/05
Total Organic Carbon							
TOC - Replicate 1		12000	NA	NA	9000	5600	6100
TOC - Replicate 2		5900	NA	NA	15000	6100	4900
TOC - Replicate 3		4900	NA	NA	32000	8200	4400
TOC - Replicate 4		6500	NA	NA	5900	5200	NA[1]
TOC - Average		7300	NA	NA	15000	6300	5200
TOC - % RSD		43	NA	NA	76	21	17

TABLE 20-2
DATA RECEIVED DURING JANUARY 2006

SILVER LAKE BENCH SCALE STUDY
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Matrix: / Sample Depth (Inches): / Date Collected:	SL-BS-SE-D11-CAP Sediment 6-11 12/13/05	SL-BS-SE-D11-F Solid 0-0 12/13/05	SL-BS-SE-D11-SED Sediment 0-6 12/13/05	SL-BS-SE-D12-CAP Sediment 0-2 12/14/05	SL-BS-SE-D12-CAP Sediment 2-4 12/14/05	SL-BS-SE-D12-CAP Sediment 4-6 12/14/05
PCBs							
Aroclor-1248		ND(0.050)	ND(0.058)	130 PE	0.29 PE	ND(0.059)	ND(0.058)
Aroclor-1254		ND(0.050)	ND(0.058)	75 AF	0.16 AF	ND(0.059)	ND(0.058)
Aroclor-1260		ND(0.050)	ND(0.058)	79 AG	0.14 AG	ND(0.059)	ND(0.058)
Total PCBs		ND(0.050)	ND(0.058)	284	0.59	ND(0.059)	ND(0.058)
Extractable Petroleum Hydrocarbons							
C9-C18 Aliphatic Hydrocarbons		ND(4.0)	ND(8.5)	2200	ND(3.8)	ND(3.6)	ND(3.7)
C11-C22 Aromatic Hydrocarbons		ND(11)	ND(24)	2600	ND(11)	ND(10)	ND(11)
C19-C36 Aliphatic Hydrocarbons		ND(5.3)	ND(11)	6800	19	ND(4.8)	ND(5.0)
Unadjusted C11-C22 Aromatic Hydrocarbons		ND(11)	ND(24)	2800	ND(11)	ND(10)	ND(11)
2-Methylnaphthalene		ND(0.66)	ND(1.4)	1.6	ND(0.63)	ND(0.60)	ND(0.62)
Acenaphthene		ND(0.66)	ND(1.4)	2.4	ND(0.63)	ND(0.60)	ND(0.62)
Acenaphthylene		ND(0.66)	ND(1.4)	1.8	ND(0.63)	ND(0.60)	ND(0.62)
Anthracene		ND(0.66)	ND(1.4)	5.6	ND(0.63)	ND(0.60)	ND(0.62)
Benzo(a)anthracene		ND(0.66)	ND(1.4)	9.4	ND(0.63)	ND(0.60)	ND(0.62)
Benzo(a)pyrene		ND(0.66)	ND(1.4)	12	ND(0.63)	ND(0.60)	ND(0.62)
Benzo(b)fluoranthene		ND(0.66)	ND(1.4)	15	ND(0.63)	ND(0.60)	ND(0.62)
Benzo(g,h,i)perylene		ND(0.66)	ND(1.4)	6.9	ND(0.63)	ND(0.60)	ND(0.62)
Benzo(k)fluoranthene		ND(0.66)	ND(1.4)	4.8	ND(0.63)	ND(0.60)	ND(0.62)
Chrysene		ND(0.66)	ND(1.4)	12	ND(0.63)	ND(0.60)	ND(0.62)
Dibenzo(a,h)anthracene		ND(0.66)	ND(1.4)	9.4	ND(0.63)	ND(0.60)	ND(0.62)
Fluoranthene		ND(0.66)	ND(1.4)	22	ND(0.63)	ND(0.60)	ND(0.62)
Fluorene		ND(0.66)	ND(1.4)	3.4	ND(0.63)	ND(0.60)	ND(0.62)
Indeno(1,2,3-cd)pyrene		ND(0.66)	ND(1.4)	9.4	ND(0.63)	ND(0.60)	ND(0.62)
Naphthalene		ND(0.66)	ND(1.4)	ND(1.5)	ND(0.63)	ND(0.60)	ND(0.62)
Phenanthrene		ND(0.66)	ND(1.4)	16	ND(0.63)	ND(0.60)	ND(0.62)
Pyrene		ND(0.66)	ND(1.4)	25	ND(0.63)	ND(0.60)	ND(0.62)
Volatile Petroleum Hydrocarbons							
C5-C8 Aliphatic Hydrocarbons		ND(9.7)	ND(27)	ND(50)	17	ND(9.1)	ND(12)
C9-C10 Aromatic Hydrocarbons		ND(4.8)	ND(13)	41	ND(4.6)	ND(4.5)	ND(5.9)
C9-C12 Aliphatic Hydrocarbons		ND(4.8)	ND(13)	ND(25)	ND(4.6)	ND(4.5)	ND(5.9)
Unadjusted C5-C8 Aliphatic Hydrocarbons		ND(9.7)	ND(27)	ND(50)	17	ND(9.1)	ND(12)
Unadjusted C9-C12 Aliphatic Hydrocarbons		ND(4.8)	ND(13)	37	ND(4.6)	ND(4.5)	ND(5.9)
Benzene		ND(0.24)	ND(0.67)	ND(1.3)	ND(0.23)	ND(0.23)	ND(0.30)
Ethylbenzene		ND(0.24)	ND(0.67)	ND(1.3)	ND(0.23)	ND(0.23)	ND(0.30)
m&p-Xylene		ND(0.48)	ND(1.3)	ND(2.5)	ND(0.46)	ND(0.45)	ND(0.59)
Methyl tert-butyl ether		ND(0.24)	ND(0.67)	ND(1.3)	ND(0.23)	ND(0.23)	ND(0.30)
Naphthalene		ND(0.48)	ND(1.3)	ND(2.5)	ND(0.46)	ND(0.45)	ND(0.59)
o-Xylene		ND(0.24)	ND(0.67)	ND(1.3)	ND(0.23)	ND(0.23)	ND(0.30)
Toluene		ND(0.24)	ND(0.67)	ND(1.3)	ND(0.23)	ND(0.23)	ND(0.30)

TABLE 20-2
DATA RECEIVED DURING JANUARY 2006

SILVER LAKE BENCH SCALE STUDY
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Matrix: / Sample Depth (Inches): / Date Collected:						
	Sample ID:	SL-BS-SE-D11-CAP	SL-BS-SE-D11-F	SL-BS-SE-D11-SED	SL-BS-SE-D12-CAP	SL-BS-SE-D12-CAP	SL-BS-SE-D12-CAP
	Matrix:	Sediment	Solid	Sediment	Sediment	Sediment	Sediment
	Sample Depth (Inches):	6-11	0-0	0-6	0-2	2-4	4-6
	Date Collected:	12/13/05	12/13/05	12/13/05	12/14/05	12/14/05	12/14/05
Total Organic Carbon							
TOC - Replicate 1		7200	NA	NA	6000	12000	21000
TOC - Replicate 2		6100	NA	NA	9400	3900	6900
TOC - Replicate 3		17000	NA	NA	8800	4100	6900
TOC - Replicate 4		8500	NA	NA	6400	9200	3700
TOC - Average		9800	NA	NA	7700	7300	9600
TOC - % RSD		52	NA	NA	22	55	81

TABLE 20-2
DATA RECEIVED DURING JANUARY 2006

SILVER LAKE BENCH SCALE STUDY
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Matrix: / Sample Depth (Inches): / Date Collected:	SL-BS-SE-D12-CAP / Sediment / 6-11 / 12/14/05	SL-BS-SE-D12-F / Solid / 0-0 / 12/14/05	SL-BS-SE-D12-SED / Sediment / 0-6 / 12/14/05	SL-BS-SE-D14-F / Solid / 0-0 / 12/13/05
PCBs					
Aroclor-1248		ND(0.059)	ND(0.057)	74 PE	ND(0.050)
Aroclor-1254		ND(0.059)	ND(0.057)	69 AF	0.058 AF
Aroclor-1260		ND(0.059)	ND(0.057)	93 AG	0.054 AG
Total PCBs		ND(0.059)	ND(0.057)	236	0.112
Extractable Petroleum Hydrocarbons					
C9-C18 Aliphatic Hydrocarbons		ND(3.9)	ND(2.2)	1800	ND(3.2)
C11-C22 Aromatic Hydrocarbons		11	ND(6.1)	2200	13
C19-C36 Aliphatic Hydrocarbons		ND(5.2)	ND(2.9)	6100	5.3
Unadjusted C11-C22 Aromatic Hydrocarbons		11	ND(6.1)	2300	14
2-Methylnaphthalene		ND(0.65)	ND(0.36)	ND(1.6)	ND(0.53)
Acenaphthene		ND(0.65)	ND(0.36)	1.8	ND(0.53)
Acenaphthylene		ND(0.65)	ND(0.36)	ND(1.6)	ND(0.53)
Anthracene		ND(0.65)	ND(0.36)	3.6	ND(0.53)
Benzo(a)anthracene		ND(0.65)	ND(0.36)	8.6	ND(0.53)
Benzo(a)pyrene		ND(0.65)	ND(0.36)	8.6	ND(0.53)
Benzo(b)fluoranthene		ND(0.65)	ND(0.36)	14	ND(0.53)
Benzo(g,h,i)perylene		ND(0.65)	ND(0.36)	6.8	ND(0.53)
Benzo(k)fluoranthene		ND(0.65)	ND(0.36)	4.2	ND(0.53)
Chrysene		ND(0.65)	ND(0.36)	11	ND(0.53)
Dibenzo(a,h)anthracene		ND(0.65)	ND(0.36)	9.3	ND(0.53)
Fluoranthene		ND(0.65)	ND(0.36)	26	ND(0.53)
Fluorene		ND(0.65)	ND(0.36)	ND(1.6)	ND(0.53)
Indeno(1,2,3-cd)pyrene		ND(0.65)	ND(0.36)	9.3	ND(0.53)
Naphthalene		ND(0.65)	ND(0.36)	ND(1.6)	ND(0.53)
Phenanthrene		ND(0.65)	ND(0.36)	14	ND(0.53)
Pyrene		ND(0.65)	ND(0.36)	24	ND(0.53)
Volatile Petroleum Hydrocarbons					
C5-C8 Aliphatic Hydrocarbons		ND(9.8)	ND(36)	ND(160)	ND(39)
C9-C10 Aromatic Hydrocarbons		ND(4.9)	ND(18)	130	ND(20)
C9-C12 Aliphatic Hydrocarbons		ND(4.9)	ND(18)	ND(82)	ND(20)
Unadjusted C5-C8 Aliphatic Hydrocarbons		ND(9.8)	ND(36)	ND(160)	ND(39)
Unadjusted C9-C12 Aliphatic Hydrocarbons		ND(4.9)	ND(18)	190	ND(20)
Benzene		ND(0.24)	ND(0.89)	ND(4.1)	ND(0.98)
Ethylbenzene		ND(0.24)	ND(0.89)	ND(4.1)	ND(0.98)
m&p-Xylene		ND(0.49)	ND(1.8)	ND(8.2)	ND(2.0)
Methyl tert-butyl ether		ND(0.24)	ND(0.89)	ND(4.1)	ND(0.98)
Naphthalene		ND(0.49)	ND(1.8)	ND(8.2)	ND(2.0)
o-Xylene		ND(0.24)	ND(0.89)	ND(4.1)	ND(0.98)
Toluene		ND(0.24)	ND(0.89)	ND(4.1)	ND(0.98)

TABLE 20-2
DATA RECEIVED DURING JANUARY 2006

SILVER LAKE BENCH SCALE STUDY
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Matrix: / Sample Depth (Inches): / Date Collected:	SL-BS-SE-D12-CAP / Sediment / 6-11 / 12/14/05	SL-BS-SE-D12-F / Solid / 0-0 / 12/14/05	SL-BS-SE-D12-SED / Sediment / 0-6 / 12/14/05	SL-BS-SE-D14-F / Solid / 0-0 / 12/13/05
Total Organic Carbon					
TOC - Replicate 1		15000	NA	NA	NA
TOC - Replicate 2		9100	NA	NA	NA
TOC - Replicate 3		9800	NA	NA	NA
TOC - Replicate 4		9000	NA	NA	NA
TOC - Average		11000	NA	NA	NA
TOC - % RSD		25	NA	NA	NA

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to Alpha Woods Hole Laboratories and Northeast Analytical, Inc. for analysis of PCBs, total organic carbon (TOC) and EPH/VPH.
2. NA - Not Analyzed.
3. NA[1] - Not Analyzed - TOC Replicate 4 is only analyzed and reported by laboratory when the % RSD of Replicate 1 thru Replicate 3 is greater than 25%.
4. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
5. % RSD - Percent relative standard deviation.
6. With the exception of EPH/VPH, only those constituents detected in one or more samples are summarized.
7. Solid matrix samples are presented in dry weight.

Data Qualifiers:

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

TABLE 20-3
DATA RECEIVED DURING JANUARY 2006

SILVER LAKE BENCH SCALE STUDY
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID:	SL-BS-SE-D16-CAP	SL-BS-SE-D16-CAP	SL-BS-SE-D16-CAP	SL-BS-SE-D16-CAP
Sample Depth (Inches):	0-2	2-4	4-6	6-11
Date Collected:	11/22/05	11/22/05	11/22/05	11/22/05
Extractable Petroleum Hydrocarbons				
C9-C18 Aliphatic Hydrocarbons	ND(3.6)	ND(3.5)	ND(3.5)	ND(3.6)
C11-C22 Aromatic Hydrocarbons	ND(10)	ND(10)	ND(9.9)	ND(10)
C19-C36 Aliphatic Hydrocarbons	14	ND(4.7)	5.5	ND(4.9)
Unadjusted C11-C22 Aromatic Hydrocarbons	ND(10)	ND(10)	ND(9.9)	ND(10)
2-Methylnaphthalene	ND(0.60)	ND(0.59)	ND(0.58)	ND(0.61)
Acenaphthene	ND(0.60)	ND(0.59)	ND(0.58)	ND(0.61)
Acenaphthylene	ND(0.60)	ND(0.59)	ND(0.58)	ND(0.61)
Anthracene	ND(0.60)	ND(0.59)	ND(0.58)	ND(0.61)
Benzo(a)anthracene	ND(0.60)	ND(0.59)	ND(0.58)	ND(0.61)
Benzo(a)pyrene	ND(0.60)	ND(0.59)	ND(0.58)	ND(0.61)
Benzo(b)fluoranthene	ND(0.60)	ND(0.59)	ND(0.58)	ND(0.61)
Benzo(g,h,i)perylene	ND(0.60)	ND(0.59)	ND(0.58)	ND(0.61)
Benzo(k)fluoranthene	ND(0.60)	ND(0.59)	ND(0.58)	ND(0.61)
Chrysene	ND(0.60)	ND(0.59)	ND(0.58)	ND(0.61)
Dibenzo(a,h)anthracene	ND(0.60)	ND(0.59)	ND(0.58)	ND(0.61)
Fluoranthene	ND(0.60)	ND(0.59)	ND(0.58)	ND(0.61)
Fluorene	ND(0.60)	ND(0.59)	ND(0.58)	ND(0.61)
Indeno(1,2,3-cd)pyrene	ND(0.60)	ND(0.59)	ND(0.58)	ND(0.61)
Naphthalene	ND(0.60)	ND(0.59)	ND(0.58)	ND(0.61)
Phenanthrene	ND(0.60)	ND(0.59)	ND(0.58)	ND(0.61)
Pyrene	ND(0.60)	ND(0.59)	ND(0.58)	ND(0.61)

Note:
1. These results have been revised by the laboratory and supersede results reported in Table 20-2 of the December 2005 CD Monthly Report.

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

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

a. Activities Undertaken/Completed

General:

- Conducted routine groundwater elevation and NAPL monitoring activities, including winter 2005/2006 quarterly monitoring round.

East Street Area 1-North and South:

- Continued automated groundwater and NAPL pumping at North Side and South Side Caissons. Approximately 1 gallon of LNAPL was recovered from the North Side Caisson in January. Approximately 15 gallons of LNAPL were recovered from the South Side Caisson in January.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 0.111 liter (0.029 gallon) of LNAPL was removed from this area during January.

East Street Area 2-South:

- Continued automated groundwater and LNAPL removal activities. A total of approximately 5,002,323 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 1,373 gallons of LNAPL were removed from pumping systems 64R, 64V, RW-1(S), RW-1(X), 64X, and 64S Caisson.

- Continued automated DNAPL removal activities. Removed approximately 27 gallons of DNAPL from pumping system RW-3(X).

- Continued routine well monitoring and manual NAPL removal activities. Approximately 7.768 liters (2.050 gallons) of LNAPL were removed from wells in this area during January.

- Treated/discharged 6,406,409 gallons of water through 64G Groundwater Treatment Facility.

East Street Area 2-North:

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

20s, 30s, and 40s Complexes:

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

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

a. Activities Undertaken/Completed (cont'd)

Lyman Street Area:

- Continued automated groundwater and NAPL removal activities. A total of approximately 342,548 gallons of groundwater was recovered from pumping systems RW-1R, RW-2, and RW-3. No LNAPL was removed from the automated recovery systems during January.

- Continued routine well monitoring and NAPL removal activities. Approximately 0.679 liter (0.179 gallon) of DNAPL was removed from wells in this area during January.

Newell Street Area II:

- Continued routine well monitoring and NAPL removal activities. Approximately 7.897 liters (2.084 gallons) of DNAPL were recovered from this area during January.

Silver Lake Area:

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

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted Groundwater Quality Monitoring Interim Report for Fall 2005 (January 30, 2006).

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

- Continue routine monitoring activities.

- Submit Fall 2005 NAPL Monitoring Report (due to EPA on February 28, 2006).

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

  - Install LNAPL monitoring wells GMA1-22, GMA1-23, and GMA1-24 in East Street Area 2-South.
  - Remove oil skimmer from well 40R and place it in well GMA1-17W.
  - Decommission 31 wells at the Lyman Street Area.

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

- As discussed with EPA, GE plans to monitor all remaining wells associated with the Newell Street Area II DNAPL recovery systems on a weekly basis and remove DNAPL accumulations greater than 0.5 foot on a monthly basis until the upgraded recovery system is activated. However, those wells could not be monitored during January because of access issues related to ongoing soil remediation activities.

f. Proposed/Approved Work Plan Modifications

- Several program modifications were proposed in the Spring 2005 NAPL Monitoring Report (see Item 21.d above).

- In the January 30, 2006 Groundwater Quality Monitoring Interim Report for Fall 2005, GE proposed that total cyanide analyses be eliminated from the interim groundwater monitoring program and replaced by analysis of physiologically available cyanide (PAC) at locations to be monitored for cyanide presence. If approved by EPA, this modification will take effect during the next sampling round, which is scheduled for spring 2006. In addition, GE proposed that samples from two additional monitoring wells (E2SC-24 and ESA2S-64) be analyzed for PAC during the spring 2006 sampling round.

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

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

Caisson	Month	Vol. LNAPL Collected (gallon)	Vol. Water Recovered (gallon)	Percent Downtime
Northside	January 2005	2.0	32,600	
	February 2005	3.0	24,700	
	March 2005	1.0	34,700	
	April 2005	0.0	37,100	1.72 - Power Outage
	May 2005	20.0	16,300	
	June 2005	22.0	21,000	8.57 - Maintenance
	July 2005	0.0	16,600	
	August 2005	1.0	16,000	
	September 2005	4.0	10,400	4.91
	October 2005	24.0	8,900	26.34
	November 2005	4.0	52,000	
	December 2005	12.0	33,900	
	January 2006	1.0	44,300	
Southside	January 2005	1.0	77,400	
	February 2005	1.0	76,500	
	March 2005	1.0	98,200	
	April 2005	0.0	99,900	1.72 - Power Outage
	May 2005	0.0	86,600	
	June 2005	2.0	100,300	
	July 2005	0.0	45,800	
	August 2005	1.0	37,100	
	September 2005	9.0	56,300	4.91
	October 2005	4.0	71,000	4.91
	November 2005	2.0	96,600	
	December 2005	0.0	112,800	
	January 2006	15.0	98,400	

TABLE 21-2
MEASUREMENT AND REMOVAL OF RECOVERABLE LNAPL
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	January 2006 Removal (liters)
131	1/23/2006	3.30	3.10	0.20	0.104	0.104
34	1/23/2006	5.07	5.06	0.01	0.006	0.006

Total Manual LNAPL Removal for January 2006: 0.111 liters
0.029 gallons

Note:
1. ft BMP - feet Below Measuring Point

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

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA 1 - East Street Area 1 - North									
52	999.26	1/23/2006	3.98	---	0.00	---	13.35	0.00	995.28
131	1001.18	1/23/2006	3.30	3.10	0.20	---	6.42	0.00	998.07
140	1000.30	1/23/2006	Unable to Locate Due to Snow			---	---	0.00	NA
ES1-08	1000.85	1/23/2006	4.80	---	0.00	---	13.48	0.00	996.05
North Caisson	997.84	1/4/2006	18.20	18.18	0.02	---	19.80	0.00	979.66
North Caisson	997.84	1/12/2006	18.40	18.39	0.01	---	19.80	0.00	979.45
North Caisson	997.84	1/19/2006	18.15	P	< 0.01	---	19.80	0.00	979.69
North Caisson	997.84	1/26/2006	8.50	8.49	0.01	---	19.80	0.00	989.35
GMA 1 - East Street Area 1 - South									
31R	1,000.23	1/23/2006	8.5	---	0.00	---	15.05	0.00	991.73
33	999.50	1/23/2006	4.50	---	0.00	---	21.30	0.00	995.00
34	999.90	1/23/2006	5.07	5.06	0.01	---	21.06	0.00	994.84
72	1000.62	1/23/2006	5.70	---	0.00	---	21.95	0.00	994.92
72R	1000.92	1/23/2006	5.55	---	0.00	---	13.30	0.00	995.37
South Caisson	1001.11	1/4/2006	14.13	14.10	0.03	---	15.00	0.00	987.01
South Caisson	1001.11	1/12/2006	14.10	14.09	0.01	---	15.00	0.00	987.02
South Caisson	1001.11	1/19/2006	8.47	---	0.00	---	15.00	0.00	992.64
South Caisson	1001.11	1/26/2006	11.20	P	< 0.01	---	15.00	0.00	989.91

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 21-4
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
40R	January 2005	0		
	February 2005	0		
	March 2005	0		
	April 2005	0		1.72 - Power Outage
	May 2005	0		0.96 - Maintenance
	June 2005	0		0.36 - Power Outage
	July 2005	0		
	August 2005	0		
	September 2005	0		
	October 2005	0		
	November 2005	0		
	December 2005	0		
	January 2006	0		
64R	January 2005	575	357,900	
	February 2005	400	228,400	
	March 2005	175	292,400	
	April 2005	575	1,071,000	1.72 - Power Outage
	May 2005	550	931,300	0.96 - Maintenance
	June 2005	325	643,200	0.36 - Power Outage
	July 2005	225	260,800	
	August 2005	250	73,300	
	September 2005	50	10,200	4.91
	October 2005	75	492,200	10.71
	November 2005	125	988,100	
	December 2005	400	1,062,900	
	January 2006	400	896,700	
64S System	January 2005	75	844,225	
	February 2005	97	821,010	
	March 2005	282	905,525	
	April 2005	499	1,039,179	1.72 - Power Outage
	May 2005	300	660,761	0.96 - Maintenance
	June 2005	275	527,949	0.36 - Power Outage
	July 2005	10	330,937	
	August 2005	218	271,691	13.73 - Maintenance
	September 2005	321	172,650	4.91
	October 2005	82	541,419	10.71
	November 2005	324	1,014,521	
	December 2005	170	927,871	
	January 2006	245	1,080,795	
64V [1]	January 2005	747	1,103,300	
	February 2005	622	1,095,400	
	March 2005	675	1,342,900	
	April 2005	785	1,221,000	1.72 - Power Outage
	May 2005	254	996,400	0.96 - Maintenance
	June 2005	515	1,177,700	0.36 - Power Outage
	July 2005	465	922,700	
	August 2005	581	993,100	
	September 2005	349	714,700	4.91
	October 2005	564	933,400	4.91
	November 2005	515	1,304,100	
	December 2005	564	1,117,000	
	January 2006	697	1,208,800	

TABLE 21-4
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64X	January 2005	5	388,800	
	February 2005	5	403,200	
	March 2005	5	532,800	
	April 2005	0	417,600	1.72 - Power Outage
	May 2005	0	374,400	0.96 - Maintenance
	June 2005	5	504,000	3.21 - Maint. & Power Outage
	July 2005	15	417,600	3.45 - Maintenance
	August 2005	20	489,600	
	September 2005	25	403,200	
	October 2005	25	403,200	21.43
	November 2005	0	489,600	
	December 2005	6	417,600	
	January 2006	1	417,600	
RW-2(X)	January 2005	0	822,500	
	February 2005	0	825,200	
	March 2005	0	1,019,600	
	April 2005	0	859,500	1.72 - Power Outage
	May 2005	0	730,600	0.96 - Maintenance
	June 2005	0	972,100	3.21 - Maint. & Power Outage
	July 2005	0	747,100	
	August 2005	0	982,100	
	September 2005	0	721,200	4.91
	October 2005	0	529,600	
	November 2005	0	573,600	
	December 2005	0	491,800	
	January 2006	0	710,700	
RW-1(S) [2]	January 2005	50	998,655	
	February 2005	41	934,203	
	March 2005	43	1,117,949	
	April 2005	1	864,198	22.41 - Maint. & Power Outage
	May 2005	0	912,416	0.96 - Maintenance
	June 2005	0	1,107,860	0.36 - Power Outage
	July 2005	17	813,490	
	August 2005	32	780,217	1.96 - Maintenance
	September 2005	4	527,699	4.91
	October 2005	43	783,765	
	November 2005	42	1,103,548	
	December 2005	40	900,898	
	January 2006	30	270,228	
RW-1(X)	January 2005	0	389,000	
	February 2005	0	330,400	
	March 2005	0	399,300	
	April 2005	0	354,700	1.72 - Power Outage
	May 2005	0	233,700	0.96 - Maintenance
	June 2005	0	328,300	3.21 - Maint. & Power Outage
	July 2005	0	109,800	
	August 2005	0	142,000	
	September 2005	0	80,000	4.91
	October 2005	0	299,300	
	November 2005	0	390,700	
	December 2005	0	324,500	
	January 2006	0	417,500	

TABLE 21-4
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
RW-3(X)	January 2005	53		
	February 2005	37		
	March 2005	64		
	April 2005	53		1.72 - Power Outage
	May 2005	51		0.96 - Maintenance
	June 2005	62		0.36 - Power Outage
	July 2005	44		
	August 2005	51		11.76 - Maintenance
	September 2005	40		
	October 2005	19		35.71
	November 2005	51		5.88
	December 2005	31		
	January 2006	27		

Summary of Total Automated Removal		
Water:	**5,002,323**	**Gallons**
LNAPL:	**1,373**	**Gallons**
DNAPL:	**27**	**Gallons**

Notes:

1. The flow meter at recovery well 64V was reset in December 2004.
2. The flow meter at recovery well RW-1(S) was reset in January 2006.

TABLE 21-5
WELL MONITORING AND RECOVERY OF LNAPL
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	January 2006 Removal (liters)
13	1/17/2006	15.90	15.82	0.08	0.049	0.049
14	1/17/2006	15.92	15.90	0.02	0.012	0.012
25R	1/17/2006	23.02	18.24	4.78	2.949	2.949
48	1/17/2006	15.15	14.00	1.15	0.709	0.709
55	1/17/2006	15.25	14.71	0.54	0.333	0.333
95-04	1/17/2006	16.50	12.56	3.94	0.611	0.611
95-07	1/17/2006	22.89	17.28	5.61	0.871	0.871
GMA1-15	1/17/2006	13.70	13.40	0.30	0.185	0.185
GMA1-16	1/17/2006	12.00	11.55	0.45	0.278	0.278
GMA1-17W	1/17/2006	14.18	13.33	0.85	0.524	0.524
GMA1-19	1/4/2006	10.55	9.95	0.60	0.370	
	1/11/2006	11.03	10.30	0.73	0.450	
	1/17/2006	9.80	9.31	0.49	0.302	
	1/24/2006	9.00	8.80	0.20	0.123	1.246

Total LNAPL Removal East Street Area 2 - South for January 2006: 7.768 liters
2.050 gallons

Total LNAPL Removal East Street Area 2 - North for January 2006: 0.000 liters
0.000 gallons

Total LNAPL Removal 20's, 30's & 40's Complexs for January 2006: 0.000 liters
0.000 gallons

Total LNAPL Removal for January 2006: 7.768 liters
2.050 gallons

Note:
1. ft BMP - feet Below Measuring Point

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

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

Date	Housatonic River Discharge (gallons)	Recharge Pond Discharge (gallons)	Total Discharge (gallons)
January 2005	5,650,380	112,791	5,763,171
February 2005	4,576,005	195,380	4,771,385
March 2005	5,005,313	235,153	5,240,466
April 2005	5,759,380	172,867	5,932,247
May 2005	4,962,650	288,751	5,251,401
June 2005	4,057,780	318,355	4,376,135
July 2005	3,212,250	389,015	3,601,265
August 2005	2,778,090	356,961	3,135,051
September 2005	2,537,520	335,710	2,873,230
October 2005	5,156,510	177,795	5,334,305
November 2005	5,221,180	163,951	5,385,131
December 2005	5,678,290	104,185	5,782,475
January 2006	6,317,250	89,159	6,406,409

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

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

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
30's Complex									
95-15	986.38	1/10/06	Buried Under Ice & Snow		---	---	---	---	NA
GMA1-10	984.86	1/10/06	6.90	---	0.00	---	19.80	0.00	977.96
GMA1-12	992.26	1/10/06	14.88	---	0.00	---	22.13	0.00	977.38
RF-02	982.43	1/10/06	4.90	---	0.00	---	18.30	0.00	977.53
RF-03D	985.31	1/10/06	6.98	---	0.00	---	36.00	0.00	978.33
RF-16	987.91	1/10/06	9.02	---	0.00	---	20.71	0.00	978.89
40s Complex									
95-17	1,007.67	1/10/06	24.20	---	0.00	---	28.20	0.00	983.47
RF-4	1,011.99	1/10/06	14.85	---	0.00	---	24.00	0.00	997.14
East Street Area 2 - South									
13	990.88	1/17/06	15.90	15.82	0.08	---	22.42	0.00	975.05
14	991.61	1/17/06	15.92	15.90	0.02	---	25.68	0.00	975.71
19	983.59	1/4/06	10.01	---	0.00	---	19.80	0.00	973.58
19	983.59	1/11/06	10.40	---	0.00	---	19.80	0.00	973.19
19	983.59	1/17/06	9.20	---	0.00	---	19.70	0.00	974.39
19	983.59	1/24/06	8.76	---	0.00	---	18.65	0.00	974.83
25R	998.31	1/17/06	23.02	18.24	4.78	---	30.80	0.00	979.74
26RR	1,000.58	1/17/06	19.94	19.81	0.13	---	28.52	0.00	980.76
40R	991.60	1/4/06	16.22	---	0.00	---	NM	0.00	975.38
40R	991.60	1/12/06	14.75	---	0.00	---	NM	0.00	976.85
40R	991.60	1/19/06	14.80	---	0.00	---	NM	0.00	976.80
40R	991.60	1/26/06	12.90	---	0.00	---	NM	0.00	978.70
48	992.39	1/17/06	15.15	14.00	1.15	---	22.70	0.00	978.31
49R	988.71	1/16/06	13.70	---	0.00	---	24.89	0.00	975.01
49RR	989.80	1/16/06	14.90	---	0.00	---	23.05	0.00	974.90
50	985.79	1/17/06	8.92	8.55	0.37	---	23.45	0.00	977.21
53	986.90	1/16/06	12.02	---	0.00	---	25.60	0.00	974.88
55	989.45	1/17/06	15.25	14.71	0.54	---	30.05	0.00	974.70
64R	993.37	1/4/06	17.40	17.15	0.25	---	19.00	0.00	976.20
64R	993.37	1/12/06	17.05	16.99	0.06	---	19.00	0.00	976.38
64R	993.37	1/19/06	14.35	14.10	0.25	---	19.00	0.00	979.25
64R	993.37	1/26/06	14.80	14.10	0.70	---	19.00	0.00	979.22
64S	984.48	1/4/06	16.10	P	< 0.01	---	28.70	0.00	968.38
64S	984.48	1/12/06	16.00	P	< 0.01	---	28.70	0.00	968.48
64S	984.48	1/19/06	14.25	P	< 0.01	---	28.70	0.00	970.23
64S	984.48	1/26/06	14.55	P	< 0.01	---	28.70	0.00	969.93
64S-Caisson	NA	1/4/06	10.15	9.85	0.30	---	14.55	0.00	NA
64S-Caisson	NA	1/12/06	9.95	9.94	0.01	---	14.55	0.00	NA
64S-Caisson	NA	1/19/06	10.05	10.00	0.05	---	14.55	0.00	NA
64S-Caisson	NA	1/26/06	11.05	11.04	0.01	---	14.55	0.00	NA
64V	987.29	1/4/06	21.90	21.60	0.30	---	29.60	0.00	965.67
64V	987.29	1/12/06	22.00	21.70	0.30	P	29.60	< 0.01	965.57
64V	987.29	1/19/06	21.90	21.60	0.30	P	29.60	< 0.01	965.67
64V	987.29	1/26/06	22.60	22.50	0.10	P	29.60	< 0.01	964.78
64X(N)	984.83	1/4/06	11.15	11.14	0.01	---	15.85	0.00	973.69
64X(N)	984.83	1/12/06	11.10	11.08	0.02	---	15.85	0.00	973.75
64X(N)	984.83	1/19/06	7.35	P	< 0.01	---	15.85	0.00	977.48
64X(N)	984.83	1/26/06	10.40	10.39	0.01	---	15.85	0.00	974.44
64X(S)	981.56	1/4/06	13.70	P	< 0.01	---	23.82	0.00	967.86
64X(S)	981.56	1/12/06	13.60	P	< 0.01	---	23.82	0.00	967.96
64X(S)	981.56	1/19/06	9.80	P	< 0.01	---	23.82	0.00	971.76

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

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
64X(S)	981.56	1/26/06	12.85	P	< 0.01	---	23.82	0.00	968.71
64X(W)	984.87	1/4/06	17.00	16.92	0.08	---	24.35	0.00	967.94
64X(W)	984.87	1/12/06	16.90	16.84	0.06	---	24.35	0.00	968.03
64X(W)	984.87	1/19/06	13.08	13.00	0.08	---	24.35	0.00	971.86
64X(W)	984.87	1/26/06	16.78	P	< 0.01	---	24.35	0.00	968.09
95-01	983.77	1/16/06	8.78	---	0.00	---	17.22	0.00	974.99
95-04	988.70	1/17/06	16.50	12.56	3.94	---	21.70	0.00	975.86
95-07	994.91	1/17/06	22.89	17.28	5.61	---	29.88	0.00	977.24
3-6C-EB-22	986.94	1/16/06	12.01	---	0.00	---	20.01	0.00	974.93
E2SC-03I	982.12	1/16/06	Not Measured; coal tar NAPL gage not operable				---	0.00	NM
E2SC-17	985.38	1/16/06	Not Measured; coal tar NAPL gage not operable				---	0.00	NM
E2SC-23	992.07	1/16/06	15.50	---	0.00	---	21.15	0.00	976.57
E2SC-24	987.90	1/16/06	13.20	---	0.00	---	21.63	0.00	974.70
ES2-06	986.00	1/16/06	10.75	---	0.00	---	34.45	0.00	975.25
GMA1-13	991.41	1/16/06	16.22	---	0.00	---	27.15	0.00	975.19
GMA1-14	997.43	1/17/06	16.66	16.65	0.01	---	23.35	0.00	980.78
GMA1-15	988.59	1/17/06	13.70	13.40	0.30	---	17.85	0.00	975.17
GMA1-16	986.82	1/17/06	12.00	11.55	0.45	---	20.00	0.00	975.24
GMA1-17E	993.03	1/17/06	14.12	14.10	0.02	---	17.34	0.00	978.93
GMA1-17W	992.63	1/17/06	14.18	13.33	0.85	---	23.28	0.00	979.24
GMA1-19	984.28	1/4/06	10.55	9.95	0.60	---	17.14	0.00	974.29
GMA1-19	984.28	1/11/06	11.03	10.30	0.73	---	17.14	0.00	973.93
GMA1-19	984.28	1/17/06	9.80	9.31	0.49	---	17.14	0.00	974.94
GMA1-19	984.28	1/24/06	9.00	8.80	0.20	---	17.15	0.00	975.47
GMA1-20	983.49	1/4/06	9.60	---	0.00	---	17.30	0.00	973.89
GMA1-20	983.49	1/11/06	9.90	---	0.00	---	17.30	0.00	973.59
GMA1-20	983.49	1/17/06	8.80	---	0.00	---	17.80	0.00	974.69
GMA1-20	983.49	1/24/06	8.40	---	0.00	---	17.30	0.00	975.09
GMA1-21	985.68	1/4/06	11.32	---	0.00	---	19.53	0.00	974.36
GMA1-21	985.68	1/11/06	12.00	---	0.00	---	19.50	0.00	973.68
GMA1-21	985.68	1/16/06	10.40	---	0.00	---	19.48	0.00	975.28
GMA1-21	985.68	1/24/06	9.92	---	0.00	---	19.52	0.00	975.76
HR-G1-MW-1	982.42	1/16/06	8.01	---	0.00	---	20.30	0.00	974.41
HR-G1-MW-2	980.23	1/16/06	5.62	---	0.00	---	28.45	0.00	974.61
HR-G1-MW-3	980.21	1/16/06	5.91	---	0.00	---	17.81	0.00	974.30
HR-G2-MW-1	982.60	1/16/06	8.35	---	0.00	---	18.25	0.00	974.25
HR-G2-MW-2	981.39	1/16/06	6.40	---	0.00	---	17.67	0.00	974.99
HR-G2-MW-3	987.14	1/16/06	12.45	---	0.00	---	22.00	0.00	974.69
HR-G2-RW-1	976.88	1/16/06	3.21	---	0.00	---	18.72	0.00	974.48
HR-G3-MW-1	982.45	1/16/06	12.60	---	0.00	---	17.71	0.00	969.85
HR-G3-MW-2	987.88	1/16/06	13.30	---	0.00	---	17.72	0.00	974.58
HR-G3-RW-1	977.78	1/16/06	3.23	---	0.00	---	8.58	0.00	974.55
HR-J1-MW-1	985.95	1/16/06	11.45	---	0.00	---	25.80	0.00	974.50
HR-J1-MW-2	983.56	1/16/06	8.70	---	0.00	---	17.71	0.00	974.86
HR-J1-MW-3	987.68	1/16/06	18.00	---	0.00	---	26.60	0.00	969.68
HR-J1-RW-1	975.05	1/16/06	0.92	---	0.00	---	14.90	0.00	974.13
RW-1(S)	987.23	1/4/06	18.00	17.30	0.70	---	28.60	0.00	969.88
RW-1(S)	987.23	1/12/06	17.60	17.53	0.07	---	28.60	0.00	969.70
RW-1(S)	987.23	1/19/06	15.40	P	< 0.01	---	28.60	0.00	971.83
RW-1(S)	987.23	1/26/06	19.00	18.93	0.07	P	28.60	< 0.01	968.30
RW-1(X)	982.68	1/4/06	14.20	---	0.00	---	20.80	0.00	968.48
RW-1(X)	982.68	1/12/06	14.20	---	0.00	---	20.80	0.00	968.48

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

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
RW-1(X)	982.68	1/19/06	10.80	---	0.00	---	20.80	0.00	971.88
RW-1(X)	982.68	1/26/06	14.10	---	0.00	---	20.80	0.00	968.58
RW-2(X)	985.96	1/4/06	12.50	---	0.00	---	15.30	0.00	973.46
RW-2(X)	985.96	1/12/06	12.40	---	0.00	---	15.30	0.00	973.56
RW-2(X)	985.96	1/19/06	8.60	---	0.00	---	15.30	0.00	977.36
RW-2(X)	985.96	1/26/06	11.80	---	0.00	---	15.30	0.00	974.16
RW-3(X)	980.28	1/4/06	7.10	---	0.00	43.70	44.40	0.70	973.18
RW-3(X)	980.28	1/12/06	7.92	---	0.00	42.90	44.40	1.50	972.36
RW-3(X)	980.28	1/19/06	5.00	---	0.00	43.40	44.40	1.00	975.28
RW-3(X)	980.28	1/26/06	9.90	---	0.00	42.00	44.40	2.40	970.38
TMP-1	992.74	1/16/06	17.95	---	0.00	---	21.90	0.00	974.79
Housatonic River									
SG-HR-1	990.73	1/4/06	18.62	See Note 7 regarding depth to water					972.11
SG-HR-1	990.73	1/11/06	18.98	See Note 7 regarding depth to water					971.75
SG-HR-1	990.73	1/18/06	16.90	See Note 7 regarding depth to water					973.83
SG-HR-1	990.73	1/24/06	17.96	See Note 7 regarding depth to water					972.77

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. NM indicates information not measured.
5. P indicates that LNAPL is present at a thickness that is < 0.01 feet, the corresponding thickness is recorded as such.
6. Well HR-G2-RW-1 is constructed at an angle of 41.67 degrees from vertical. Depth to water data reflect measurements collected along the angled well casing. Groundwater elevations are corrected to account for the angle of the well casing.
7. A survey reference point (SG-HR-1) was established on the Newell Street Bridge. The "Depth to Water" value(s) provided in the above table refer to the vertical distance from the surveyed reference point to the water surface.
8. 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 21-8
ACTIVE RECOVERY SYSTEMS MONTHLY SUMMARY
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

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

Month / Year	Volume Water Pumped (gallon)	RW-1 DNAPL Recovered (gallon)	RW-1R LNAPL Recovered (gallon)	RW-3 LNAPL Recovered (gallon)
January 2004	299,584	--	--	--
February 2004	305,485	--	--	--
March 2004	409,514	--	--	--
April 2004	344,707	--	--	1
May 2004	307,361	--	--	--
June 2004	410,230	--	--	--
July 2004	328,363	--	--	--
August 2004	310,473	--	--	--
September 2004	499,209	--	1	20
October 2004	426,078	--	--	--
November 2004	421,409	--	--	12
December 2004	539,528	--	--	10
January 2005	443,634	--	--	10
February 2005	409,113	--	--	5
March 2005	455,192	--	--	5
April 2005	425,145	--	--	5
May 2005	357,497	--	--	--
June 2005	422,006	--	--	10
July 2005	310,647	--	5	10
August 2005	302,572	--	--	--
September 2005	198,753	--	--	--
October 2005	314,247	--	--	--
November 2005	412,936	--	--	--
December 2005	332,721	--	--	--
January 2006	342,548	--	--	--

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

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

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

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	January 2006 Removal (liters)
LSSC-07	1/4/06	9.55	24.8	0.28	0.173	0.661
	1/11/06	9.80	24.75	0.33	0.204	
	1/18/06	8.79	24.95	0.13	0.080	
	1/24/06	8.65	24.75	0.33	0.204	
LSSC-08I	1/4/06	11.10	23.34	0.02	0.012	0.018
	1/24/06	10.20	23.38	0.01	0.006	

Total Manual DNAPL Removal for January 2006: 0.679 liters
0.179 gallons

Note:
1. ft BMP - feet Below Measuring Point

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

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
E-07	982.87	1/16/06	5.07	---	0.00	---	19.73	0.00	977.80
EPA-01	983.04	1/18/06	9.70	---	0.00	---	22.65	0.00	973.34
LS-24	986.58	1/16/06	Buried Under Concrete Slab			---	---	0.00	NA
LS-30	986.440	1/16/06	12.66	---	0.000	---	22.18	0.00	973.78
LS-31	987.090	1/16/06	12.54	---	0.000	22.95	23.26	0.31	974.55
LS-34	985.79	1/16/06	11.51	---	0.00	27.6	28.40	0.80	974.28
LS-38	986.95	1/16/06	13.31	---	0.00	---	25.30	0.00	973.64
LS-43	981.17	1/18/06	Well buried under snow and ice			---	---	0.00	NA
LS-44	980.78	1/16/06	Well buried under snow and ice			---	---	0.00	NA
LSSC-07	982.48	1/4/06	9.55	---	0.00	24.8	25.08	0.28	972.93
LSSC-07	982.48	1/11/06	9.80	---	0.00	24.75	25.08	0.33	972.68
LSSC-07	982.48	1/18/06	8.79	---	0.00	24.95	25.08	0.13	973.69
LSSC-07	982.48	1/24/06	8.65	---	0.00	24.75	25.08	0.33	973.83
LSSC-08I	983.13	1/4/06	11.10	---	0.00	23.34	23.36	0.02	972.03
LSSC-08I	983.13	1/11/06	11.30	---	0.00	---	23.37	0.00	971.83
LSSC-08I	983.13	1/18/06	10.23	---	0.00	---	23.40	0.00	972.90
LSSC-08I	983.13	1/24/06	10.20	---	0.00	23.38	23.39	0.01	972.93
LSSC-08S	983.11	1/18/06	9.96	---	0.00	---	14.68	0.00	973.15
LSSC-16I	980.88	12/28/05	Well buried under snow and ice			---	---	0.00	NA
LSSC-18	987.32	1/16/06	12.72	---	0.00	---	18.58	0.00	974.60
LSSC-32	980.68	1/16/06	Buried Under Snow and Debris			---	---	0.00	NA
LSSC-33	980.49	1/18/06	Unable to locate		0.00	---	---	0.00	NA
LSSC-34I	984.74	1/18/06	11.23	---	0.00	28.2	28.49	0.29	973.51
MW-4R	980.82	1/16/06	6.95	---	0.00	---	14.10	0.00	973.87
MW-6R	985.14	1/18/06	9.60	---	0.00	---	13.95	0.00	975.54
RW-1	984.88	1/4/06	11.55	---	0.00	P	21.00	< 0.01	973.33
RW-1	984.88	1/12/06	11.60	---	0.00	---	21.00	0.00	973.28
RW-1	984.88	1/19/06	10.13	---	0.00	P	21.00	< 0.01	974.75
RW-1	984.88	1/26/06	10.05	---	0.00	P	21.00	< 0.01	974.83
RW-1 (R)	985.07	1/4/06	15.65	---	0.00	P	20.42	< 0.01	969.42
RW-1 (R)	985.07	1/12/06	15.80	---	0.00	---	20.42	0.00	969.27
RW-1 (R)	985.07	1/19/06	12.10	---	0.00	P	20.42	< 0.01	972.97
RW-1 (R)	985.07	1/26/06	13.85	---	0.00	P	20.42	< 0.01	971.22
RW-2	987.82	1/4/06	12.95	---	0.00	---	21.75	0.00	974.87
RW-2	987.82	1/12/06	13.08	---	0.00	---	21.75	0.00	974.74
RW-2	987.82	1/19/06	11.00	---	0.00	---	21.75	0.00	976.82
RW-2	987.82	1/26/06	16.00	---	0.00	---	21.75	0.00	971.82
RW-3	984.08	1/4/06	16.25	P	< 0.01	---	21.57	0.00	967.83
RW-3	984.08	1/12/06	18.21	18.20	0.01	---	21.57	0.00	965.88
RW-3	984.08	1/19/06	16.65	16.50	0.15	---	21.57	0.00	967.57
RW-3	984.08	1/26/06	16.30	16.23	0.07	---	21.57	0.00	967.85

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

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Housatonic River (Lyman Street Bridge)									
BM-2A	986.32	1/4/06	14.98	See Note 5 regarding depth to water					971.34
BM-2A	986.32	1/11/06	15.12	See Note 5 regarding depth to water					971.20
BM-2A	986.32	1/18/06	13.40	See Note 5 regarding depth to water					972.92
BM-2A	986.32	1/24/06	14.25	See Note 5 regarding depth to water					972.07

Notes:

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

TABLE 21-11
ACTIVE DNAPL RECOVERY SYSTEMS MONTHLY SUMMARY
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1

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

Recovery System	Date	Total Gallons Recovered
System 1 [(1)]	January 2005 [(3)]	8.8
	February 2005	13.2
	March 2005	17.3
	April 2005	24.2
	May 2005	9.9
	June 2005	18.7
	July 2005	14.3
	August 2005	--[(4)]
	September 2005	--[(4)]
	October 2005	--[(4)]
	November 2005	--[(4)]
	December 2005	--[(4)]
	January 2006	--[(4)]
System 2 [(2)]	January 2005 [(3)]	157.2
	February 2005	126.9
	March 2005	16.2
	April 2005	16.2
	May 2005	145.8
	June 2005	32.4
	July 2005	48.6
	August 2005	--[(4)]
	September 2005	--[(4)]
	October 2005	--[(4)]
	November 2005	--[(4)]
	December 2005	--[(4)]
	January 2006	--[(4)]
Total Automated DNAPL Removal for January 2006:		**0.0 Gallons**

Notes:

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

TABLE 21-12
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

CONSENT DECREE MONTHLY STATUS REPORT
GROUNDWATER MANAGEMENT AREA 1 - NEWELL STREET AREA II
MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL
January 2006

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	January 2006 Removal (liters)
N2SC-01I	1/17/2006	11.26	36.46	5.24	3.233	3.233
N2SC-03I	1/17/2006	11.06	37.7	2.97	1.832	1.832
N2SC-07	1/17/2006	10.61	37.98	0.16	0.099	0.099
N2SC-08	1/17/2006	10.73	39.91	2.67	1.647	1.647
N2SC-14	1/17/2006	12.28	38.38	1.76	1.086	1.086

Total DNAPL Removal for January 2006: 7.897 liters
2.084 gallons

Note:
1. ft BMP - feet Below Measuring Point

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

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
MW-1D	987.20	1/17/2006	12.33	---	0.00	39.38	39.52	0.14	974.87
MW-1S	986.60	1/17/2006	9.64	---	0.00	19.99	20.38	0.39	976.96
N2SC-01I	984.99	1/4/2006	Well is Inaccessible Due to Excavation				---	0.00	NA
N2SC-01I	984.99	1/11/2006					---	0.00	NA
N2SC-01I	984.99	1/17/2006	11.26	---	0.00	36.46	41.70	5.24	NA
N2SC-01I	984.99	1/24/2006	Well is Inaccessible Due to Excavation				---	0.00	NA
N2SC-01I(R)	985.98	1/4/2006	Well is Inaccessible Due to Excavation				---	0.00	NA
N2SC-01I(R)	985.98	1/11/2006					---	0.00	NA
N2SC-01I(R)	985.98	1/17/2006	11.48	---	0.00	---	38.07	0.00	NA
N2SC-01I(R)	985.98	1/24/2006	Well is Inaccessible Due to Excavation				---	0.00	NA
N2SC-02	985.56	1/17/2006	Frozen at 1.8 feet		0.00	---	---	0.00	NA
N2SC-03I	985.33	1/4/2006	Well is Inaccessible Due to Excavation				---	0.00	NA
N2SC-03I	985.33	1/11/2006					---	0.00	NA
N2SC-03I	985.33	1/17/2006	11.06	---	0.00	37.7	40.67	2.97	NA
N2SC-03I	985.33	1/24/2006	Well is Inaccessible Due to Excavation				---	0.00	NA
N2SC-03I(R)	986.08	1/4/2006	Well is Inaccessible Due to Excavation				---	0.00	NA
N2SC-03I(R)	986.08	1/11/2006					---	0.00	NA
N2SC-03I(R)	986.08	1/17/2006	11.45	---	0.00	---	39.19	0.00	NA
N2SC-03I(R)	986.08	1/24/2006	Well is Inaccessible Due to Excavation				---	0.00	NA
N2SC-07	984.61	1/17/2006	10.61	---	0.00	37.98	38.14	0.16	974.00
N2SC-08	986.07	1/17/2006	10.73	---	0.00	39.91	42.58	2.67	975.34
N2SC-14	985.06	1/4/2006	Well is Inaccessible Due to Excavation				---	0.00	NA
N2SC-14	985.06	1/11/2006	Well is Inaccessible Due to Excavation				---	0.00	NA
N2SC-14	985.06	1/17/2006	12.28	---	0.00	38.38	40.14	1.76	NA
N2SC-14	985.06	1/24/2006	Well is Inaccessible Due to Excavation				---	0.00	NA
NS-10	984.59	1/17/2006	Unable to Locate		0.00	---	19.17	0.00	NA

Notes:

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

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

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Monitoring Wells Adjacent to Silver Lake									
SLGW-01D	983.13	1/10/2006	4.10	---	0.00	---	36.96	0.00	979.03
SLGW-01S	982.94	1/10/2006	5.70	---	0.00	---	16.25	0.00	977.24
SLGW-02D	985.10	1/10/2006	6.90	---	0.00	---	36.85	0.00	978.20
SLGW-02S	985.39	1/10/2006	7.30	---	0.00	---	8.3	0.00	978.09
SLGW-03D	979.14	1/10/2006	0.80	---	0.00	---	32.06	0.00	978.34
SLGW-03S	980.21	1/10/2006	3.01	---	0.00	---	14.56	0.00	977.20
SLGW-04D	983.51	1/10/2006	5.60	---	0.00	---	37.1	0.00	977.91
SLGW-04S	984.02	1/10/2006	6.85	---	0.00	---	16.68	0.00	977.17
SLGW-05D	979.30	1/10/2006	2.10	---	0.00	---	34.9	0.00	977.20
SLGW-05S	979.12	1/10/2006	1.90	---	0.00	---	11.68	0.00	977.22
SLGW-06D	981.63	1/10/2006	5.31	---	0.00	---	34.99	0.00	976.32
SLGW-06S	981.66	1/10/2006	5.40	---	0.00	---	13.75	0.00	976.26
Staff Gauge within Silver Lake									
Silver Lake Gauge	NA	1/4/2006	2.95	See Note 4 regarding depth to water					NA
Silver Lake Gauge	NA	1/11/2006	3.10	See Note 4 regarding depth to water					NA
Silver Lake Gauge	NA	1/18/2006	2.85	See Note 4 regarding depth to water					NA
Silver Lake Gauge	NA	1/24/2006	2.98	See Note 4 regarding depth to water					NA

Notes:

1. ft BMP - feet Below Measuring Point
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity.
3. NA indicates information not available.
4. A new Silver Lake Gauge has been installed and will be surveyed to obtain a new horizontal datum. "Depth to Water" values provided refer to feet above the datum, rather than feet below the measuring point.
5. Additional groundwater elevation data was collected from wells near Silver Lake that are located in the 30s Complex and at the Lyman Street Area. Those results are presented in the monitoring tables for those Removal Action Areas.

ITEM 22
GROUNDWATER MANAGEMENT AREAS
FORMER OXBOWS J & K (GMA 2)
(GECD320)
JANUARY 2006

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

a. Activities Undertaken/Completed

Conducted monthly river elevation monitoring.

b. Sampling/Test Results Received

See attached table.

c. Work Plans/Reports/Documents Submitted

Submitted Groundwater Quality Monitoring Interim Report for Fall 2005 (January 30, 2006).

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

Continue routine river elevation monitoring.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

In the January 30, 2006 Groundwater Quality Monitoring Interim Report for Fall 2005, GE proposed that cyanide analyses be eliminated from the interim groundwater monitoring program. If approved by EPA, this modification will take effect during the next sampling round, which is scheduled for spring 2006.

TABLE 22-1
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 2

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Housatonic River (Foot Bridge)									
GMA2-SG-1	989.82	1/19/2006	12.85	See Note 2 regarding depth to water					976.97

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)
JANUARY 2006

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

a. Activities Undertaken/Completed

Conducted routine groundwater elevation and NAPL monitoring, including winter 2005/2006 quarterly monitoring round. Approximately 12.507 liters (3.30 gallons) of LNAPL were removed by the automatic skimmer located in well 51-21 and an additional 5.225 liters (1.38 gallons) of LNAPL were manually removed from the wells in this area (see Table 23-3).

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 ongoing groundwater and NAPL monitoring and recovery activities.
- Redevelop well 16C-R.
- Replace piezometer UB-PZ-2 with a new well (to be designated as GMA3-15).
- Submit Fall 2005 Baseline Groundwater Quality and NAPL Monitoring Interim Report (due to EPA on February 28, 2006).
- Following EPA approval of proposed activities contained in GE's Spring 2005 Baseline Groundwater Quality and NAPL Monitoring Interim Report (submitted on August 30, 2005): (a) collect a groundwater sample from well 51-8 and, if necessary, a NAPL-saturated soil sample; and (b) perform desktop modeling of the potential volatilization of constituents observed at well 51-8.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Natural attenuation well 39D was found to be destroyed during recent inspections. GE plans to examine the prior data from this location and will discuss with EPA whether a replacement for this well is necessary.

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

f. Proposed/Approved Work Plan Modifications

Several program modifications were proposed in the Spring 2005 Baseline Groundwater Quality and NAPL Monitoring Interim Report (see Item 23.d above).

TABLE 23-2
DATA RECEIVED DURING JANUARY 2006

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

Parameter	Sample ID: / Date Collected:	114A / 12/08/05
Volatile Organics		
Benzene		0.68 J

Notes:

1. This result has been revised by the laboratory and supersede result reported in Table 23-2 of the December 2005 CD Monthly Report.

Data Qualifiers:

Organics (volatiles)

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

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

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	January 2006 Removal (liters)
51-21	1/4/2006	14.25	P	< 0.01	2.27	12.507
	1/12/2006	14.45	P	< 0.01	2.27	
	1/19/2006	13.73	P	< 0.01	3.41	
	1/26/2006	13.89	P	< 0.01	4.55	
59-03R	1/18/2006	10.71	10.05	0.66	0.41	0.407
GMA3-10	1/4/2006	10.56	9.94	0.62	0.382	
	1/11/2006	10.78	10.11	0.67	0.413	
	1/18/2006	10.25	9.85	0.40	0.247	
	1/24/2006	9.95	9.50	0.45	0.278	1.319
GMA3-12	1/11/2006	10.80	10.50	0.30	0.740	
	1/24/2006	10.20	9.90	0.30	0.741	1.481
GMA3-13	1/4/2006	11.12	10.15	0.97	0.598	
	1/11/2006	11.15	10.26	0.89	0.549	
	1/18/2006	11.05	10.15	0.90	0.555	
	1/24/2006	11.10	9.59	1.51	0.315	2.017

Total Automated LNAPL Removal at well 51-21 for January 2006: 12.507 liters
3.30 Gallons

Total Manual LNAPL Removal at all other wells for January 2006: 5.225 liters
1.38 Gallons

Total LNAPL Removed for January 2006: 17.732 liters
4.68 Gallons

Notes:

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

TABLE 23-4
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
002A	994.16	1/17/2006	13.19	---	0.00	---	55.23	0.00	980.97
006B-R	993.62	1/17/2006	7.25	---	0.00	---	14.86	0.00	986.37
016A	991.77	1/17/2006	5.88	---	0.00	---	51.18	0.00	985.89
016B-R	994.87	1/17/2006	8.55	---	0.00	---	16.51	0.00	986.32
016C-R	993.23	1/17/2006	12.86	---	0.00	---	101.26	0.00	980.37
039B-R	991.97	1/16/2006	11.35	---	0.00	---	13.96	0.00	980.62
039D	992.16	1/16/2006	Well Destroyed	---	0.00	---	---	0.00	NA
039E	992.21	1/16/2006	4.35	---	0.00	---	239.28	0.00	987.86
043A	993.79	1/17/2006	10.99	---	0.00	---	51.58	0.00	982.80
043B	993.61	1/17/2006	4.43	---	0.00	---	21.49	0.00	989.18
050B	991.76	1/18/2006	2.12	---	0.00	---	15.10	0.00	989.64
51-05	996.44	1/18/2006	Water at top of well riser		---	---	10.58	0.00	NA
51-06	997.36	1/18/2006	9.31	---	0.00	---	14.50	0.00	988.05
51-07	997.08	1/18/2006	Well Is Buried Under Snowpile		---	---	---	0.00	NA
51-08	997.08	1/4/2006	9.92	9.80	0.12	---	14.68	0.00	987.27
51-08	997.08	1/11/2006	10.05	10.00	0.05	---	14.68	0.00	987.08
51-08	997.08	1/18/2006	9.63	9.59	0.04	---	14.68	0.00	987.49
51-08	997.08	1/24/2006	9.36	9.31	0.05	---	14.68	0.00	987.77
51-09	997.70	1/18/2006	9.44	---	0.00	---	11.57	0.00	988.26
51-11	994.37	1/17/2006	12.60	---	0.00	---	13.60	0.00	981.77
51-12	996.55	1/18/2006	6.54	---	0.00	---	13.31	0.00	990.01
51-13	997.42	1/18/2006	9.33	---	0.00	---	10.02	0.00	988.09
51-14	996.77	1/18/2006	9.26	---	0.00	---	14.92	0.00	987.51
51-15	996.43	1/18/2006	8.72	---	0.00	---	14.46	0.00	987.71
51-16R	996.39	1/18/2006	9.05	8.84	0.21	---	14.56	0.00	987.54
51-17	996.43	1/18/2006	8.80	8.72	0.08	---	14.49	0.00	987.70
51-18	997.12	1/18/2006	9.53	---	0.00	---	12.57	0.00	987.59
51-19	996.43	1/18/2006	Well submerged under water			---	---	0.00	NA
51-21	1001.49	1/4/2006	14.25	P	< 0.01	---	NM	0.00	987.24
51-21	1001.49	1/12/2006	14.45	P	< 0.01	---	NM	0.00	987.04
51-21	1001.49	1/19/2006	13.73	P	< 0.01	---	NM	0.00	987.76
51-21	1001.49	1/26/2006	13.89	P	< 0.01	---	NM	0.00	987.60
054B-R	991.49	1/18/2006	3.88	---	0.00	---	15.57	0.00	987.61
59-01	997.52	1/18/2006	9.99	9.98	0.01	---	11.40	0.00	987.54
59-03R	997.64	1/18/2006	10.71	10.05	0.66	---	17.05	0.00	987.54
59-07	997.96	1/18/2006	10.31	10.30	0.01	---	23.53	0.00	987.66
078B-R	988.83	1/17/2006	1.00	---	0.00	---	11.83	0.00	987.83
082B-R	989.90	1/17/2006	3.10	---	0.00	---	11.91	0.00	986.80
089A	985.76	1/17/2006	0.75	---	0.00	---	Water in well frozen		985.01
089B	986.03	1/17/2006	1.14	---	0.00	---	Water in well frozen		984.89
089D-R	987.11	1/17/2006	1.79	---	0.00	---	Water in well frozen		985.32
090A	988.07	1/17/2006	4.11	---	0.00	---	51.76	0.00	983.96
090B	989.10	1/17/2006	4.86	---	0.00	---	12.97	0.00	984.24
095A	987.18	1/17/2006	5.35	---	0.00	---	51.10	0.00	981.83
095B-R	986.24	1/17/2006	4.45	---	0.00	---	15.66	0.00	981.79
111A-R	997.35	1/17/2006	18.12	---	0.00	---	52.26	0.00	979.23
111B-R	997.48	1/17/2006	18.89	---	0.00	---	19.88	0.00	978.59
114A	986.16	1/17/2006	10.65	---	0.00	---	52.38	0.00	975.51
114B-R	985.54	1/17/2006	4.83	---	0.00	---	15.46	0.00	980.71
GMA3-2	991.94	1/17/2006	11.92	---	0.00	---	15.03	0.00	980.02
GMA3-3	990.45	1/17/2006	1.10	---	0.00	---	12.32	0.00	989.35
GMA3-4	994.60	1/17/2006	12.26	---	0.00	---	13.31	0.00	982.34
GMA3-5	993.67	1/18/2006	6.28	---	0.00	---	15.42	0.00	987.39

TABLE 23-4
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA3-6	997.49	1/17/2006	15.45	---	0.00	---	23.74	0.00	982.04
GMA3-7	1000.17	1/17/2006	18.39	---	0.00	---	20.02	0.00	981.78
GMA3-8	996.24	1/17/2006	14.82	---	0.00	---	15.80	0.00	981.42
GMA3-9	992.39	1/17/2006	3.39	---	0.00	---	12.78	0.00	989.00
GMA3-10	997.54	1/4/2006	10.56	9.94	0.62	---	17.98	0.00	987.56
GMA3-10	997.54	1/11/2006	10.78	10.11	0.67	---	17.98	0.00	987.38
GMA3-10	997.54	1/18/2006	10.25	9.85	0.40	---	17.98	0.00	987.66
GMA3-10	997.54	1/24/2006	9.95	9.50	0.45	---	17.95	0.00	988.01
GMA3-12	997.84	1/4/2006	10.55	10.40	0.15	---	21.25	0.00	987.43
GMA3-12	997.84	1/11/2006	10.80	10.50	0.30	---	21.20	0.00	987.32
GMA3-12	997.84	1/18/2006	10.41	10.23	0.18	---	21.25	0.00	987.60
GMA3-12	997.84	1/24/2006	10.20	9.90	0.30	---	21.25	0.00	987.92
GMA3-13	997.73	1/4/2006	11.12	10.15	0.97	---	17.76	0.00	987.51
GMA3-13	997.73	1/11/2006	11.15	10.26	0.89	---	17.74	0.00	987.41
GMA3-13	997.73	1/18/2006	11.05	10.15	0.90	---	17.70	0.00	987.52
GMA3-13	997.73	1/24/2006	11.10	9.59	1.51	---	17.74	0.00	988.03
GMA3-14	997.42	1/18/2006	9.45	---	0.00	---	17.00	0.00	987.97
OBG-2	992.20	1/17/2006	3.69	---	0.00	---	14.93	0.00	988.51
UB-MW-10	995.99	1/18/2006	8.32	---	0.00	---	15.00	0.00	987.67
UB-PZ-2	994.77	1/17/2006	Could not locate	---	0.00	---	---	0.00	NA
UB-PZ-3	998.15	1/18/2006	10.75	10.60	0.15	---	13.41	0.00	0.00
Unkamet Brook Staff Gauges									
GMA3-SG-1	988.90	1/18/2006	2.10	See Note 6 regarding depth to water					NA
GMA3-SG-2	981.61	1/18/2006	2.80	See Note 6 regarding depth to water					984.41
GMA3-SG-3	989.42	1/18/2006	2.00	See Note 6 regarding depth to water					991.42

Notes:

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

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

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

a. Activities Undertaken/Completed

- Conducted routine groundwater elevation monitoring at well GMA4-3.
- Collected and transported 25 gallons of water from GMA 4 to Building 64G.

b. Sampling/Test Results Received

See attached table.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine monitoring at well GMA4-3.
- Submit Fall 2005 Groundwater Quality Monitoring Interim Report (due to EPA on February 28, 2006).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

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

TABLE 24-1
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 4

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA4-3	1,003.95	1/18/2006	16.11	---	0.00	---	26.27	0.00	987.84

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)
JANUARY 2006

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

a. Activities Undertaken/Completed

Compiled historical groundwater elevation data through fall 2005 to assess the potential impact of EPA's temporary dam on groundwater flow patterns at GMA 5.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Presented results of the groundwater elevation assessment discussed in Item 25.a in a letter to EPA in lieu of a fall 2005 groundwater monitoring report, as no sampling was conducted at this GMA in fall 2005 (January 30, 2006).

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

Inspect two monitoring wells which were not monitored in fall 2005. These wells were either unable to be opened (GMA5-4) or unable to be located (GMA5-5).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

EPA's November 10, 2004 letter to GE stated that interim groundwater quality sampling activities are to be postponed until groundwater elevation monitoring data demonstrate that groundwater flow is not being artificially influenced by the temporary dam that is being maintained as part of the remediation along the 1½ Mile Reach of the Housatonic River. Since those remediation activities are ongoing and the temporary dam is still in place, no groundwater sampling was conducted at GMA 5 in fall 2005. In its January 30, 2006 letter, GE proposed to resume annual interim groundwater sampling in spring 2006, provided that the temporary dam has been removed and groundwater flow is no longer influenced by the dam. Otherwise, GE will postpone that sampling event, but continue to perform its semi-annual groundwater elevation monitoring activities.

Attachment A

NPDES Sampling Records and Results
January 2006

BLASLAND, BOUCK & LEE, INC.
engineers, scientists, economists

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

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
NPDES Sampling	001-A7010	1/2/06	Water	Columbia	Oil & Grease	1/12/06
NPDES Sampling	001-A7013	1/2/06	Water	SGS	PCB	1/27/06
NPDES Sampling	001-A7027	1/3/06	Water	Columbia	TSS	1/12/06
NPDES Sampling	005-A7007/A7008	12/27/05	Water	SGS	PCB	1/10/06
NPDES Sampling	005-A7028/A7029	1/3/06	Water	Columbia	TSS, BOD	1/17/06
NPDES Sampling	005-A7028/A7029	1/3/06	Water	SGS	PCB	1/17/06
NPDES Sampling	005-A7046/A7047	1/10/06	Water	SGS	PCB	1/20/06
NPDES Sampling	005-A7068/A7069	1/17/06	Water	SGS	PCB	1/20/06
NPDES Sampling	005-A7094/A7095	1/24/06	Water	SGS	PCB	1/30/06
NPDES Sampling	005-A7110/A7111	1/31/06	Water	SGS	PCB	
NPDES Sampling	006-A7053	1/11/06	Water	Columbia	Oil & Grease	1/27/06
NPDES Sampling	006-A7056	1/11/06	Water	SGS	PCB	1/20/06
NPDES Sampling	01A-A7071	1/18/06	Water	Columbia	Oil & Grease	
NPDES Sampling	01A-A7074	1/18/06	Water	SGS	PCB	1/27/06
NPDES Sampling	05A-A7049	1/11/06	Water	Columbia	Oil & Grease	1/27/06
NPDES Sampling	05A-A7052	1/11/06	Water	SGS	PCB	1/20/06
NPDES Sampling	05B-A7075	1/18/06	Water	Columbia	Oil & Grease	
NPDES Sampling	05B-A7078	1/18/06	Water	SGS	PCB	1/27/06
NPDES Sampling	06A-A7079	1/18/06	Water	Columbia	Oil & Grease	
NPDES Sampling	06A-A7082	1/18/06	Water	SGS	PCB	1/27/06
NPDES Sampling	09B-A7009	12/27/05	Water	Columbia	TSS, BOD	1/9/06
NPDES Sampling	09B-A7030	1/3/06	Water	Columbia	TSS, BOD	1/17/06
NPDES Sampling	09B-A7043	1/9/06	Water	Columbia	TSS, BOD	1/23/06
NPDES Sampling	09B-A7063	1/16/06	Water	Columbia	TSS, BOD	1/27/06
NPDES Sampling	09B-A7092	1/23/06	Water	Columbia	TSS, BOD	
NPDES Sampling	09B-A7109	1/30/06	Water	Columbia	TSS, BOD	
NPDES Sampling	09C-A6997	12/25/05	Water	Columbia	Oil & Grease	1/9/06
NPDES Sampling	09C-A7020	1/2/06	Water	Columbia	Oil & Grease	1/17/06
NPDES Sampling	09C-A7023	1/2/06	Water	SGS	PCB	1/17/06
NPDES Sampling	09C-A7040	1/9/06	Water	Columbia	Oil & Grease	1/23/06
NPDES Sampling	09C-A7064	1/16/06	Water	Columbia	Oil & Grease	1/27/06
NPDES Sampling	09C-A7097	1/24/06	Water	Columbia	Oil & Grease	
NPDES Sampling	09C-A7100	1/29/06	Water	Columbia	Oil & Grease	
NPDES Sampling	64G-7031	1/3/06	Water	Columbia	VOC	1/17/06
NPDES Sampling	64G-7032	1/3/06	Water	Columbia	SVOC	1/17/06
NPDES Sampling	64G-A7003	12/26/05	Water	Columbia	Oil & Grease	1/9/06

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

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
NPDES Sampling	64G-A7017	1/2/06	Water	Columbia	Oil & Grease	1/17/06
NPDES Sampling	64G-A7037	1/9/06	Water	Columbia	Oil & Grease	1/23/06
NPDES Sampling	64G-A7060	1/16/06	Water	Columbia	Oil & Grease	1/27/06
NPDES Sampling	64G-A7089	1/23/06	Water	Columbia	Oil & Grease	
NPDES Sampling	64G-A7106	1/30/06	Water	Columbia	Oil & Grease	
NPDES Sampling	64T-A7000	12/26/05	Water	Columbia	Oil & Grease	1/9/06
NPDES Sampling	64T-A7014	1/2/06	Water	Columbia	Oil & Grease	1/17/06
NPDES Sampling	64T-A7034	1/9/06	Water	Columbia	Oil & Grease	1/23/06
NPDES Sampling	64T-A7057	1/16/06	Water	Columbia	Oil & Grease	1/27/06
NPDES Sampling	64T-A7086	1/23/06	Water	Columbia	Oil & Grease	
NPDES Sampling	64T-A7103	1/30/06	Water	Columbia	Oil & Grease	
NPDES Sampling	A6959R	12/6/05	Water	Aquatec Biological Sciences	Acute Toxicity Test	1/3/06
NPDES Sampling	A6960C	12/6/05	Water	Aquatec Biological Sciences	Acute Toxicity Test	1/3/06
NPDES Sampling	A7025R	1/3/06	Water	Aquatec Biological Sciences	Acute Toxicity Test	1/24/06
NPDES Sampling	A7025RCN	1/3/06	Water	Columbia	CN	1/12/06
NPDES Sampling	A7025RTM	1/3/06	Water	Columbia	Metals (10)	1/12/06
NPDES Sampling	A7026C	1/3/06	Water	Aquatec Biological Sciences	Acute Toxicity Test	1/24/06
NPDES Sampling	A7026CCN	1/3/06	Water	Columbia	CN	1/12/06
NPDES Sampling	A7026CDM	1/3/06	Water	Columbia	Metals (8)	1/12/06
NPDES Sampling	A7026CTM	1/3/06	Water	Columbia	Metals (10)	1/12/06
NPDES Sampling	DEC05WK4	12/20/05	Water	Columbia	Cu, Pb, Zn	1/3/06
NPDES Sampling	DEC05WK5	12/27/05	Water	Columbia	Cu, Pb, Zn	1/9/06
NPDES Sampling	FEB06WK1	1/31/06	Water	Columbia	Cu, Pb, Zn	
NPDES Sampling	JAN06WK2	1/10/06	Water	Columbia	Cu, Pb, Zn	1/26/06
NPDES Sampling	JAN06WK3	1/17/06	Water	Columbia	Cu, Pb, Zn	
NPDES Sampling	JAN06WK4	1/24/06	Water	Columbia	Cu, Pb, Zn	

TABLE A-2
DATA RECEIVED DURING JANUARY 2006

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

Parameter / Sample ID: / Date Collected:	001-A7010 01/02/06	001-A7013 01/02/06	001-A7027 01/03/06	01A-A7074 01/18/06	005-A7007/A7008 12/27/05	005-A7028/A7029 01/03/06	005-A7046/A7047 01/10/06
Volatile Organics							
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered							
Aroclor-1254	NA	0.0023	NA	0.0010	0.000066	0.00011	0.000054 J
Aroclor-1260	NA	ND(0.00021)	NA	0.00065	0.000043 J	ND(0.000065)	ND(0.000065)
Total PCBs	NA	0.0023	NA	0.00165	0.000109	0.00011	0.000054 J
Semivolatile Organics							
None Detected	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered							
Aluminum	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered							
Aluminum	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA
Conventionals							
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	ND(2.0)	NA
Oil & Grease	ND(5.0)	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	6.11	NA	NA	ND(1.02)	NA

TABLE A-2
DATA RECEIVED DURING JANUARY 2006

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

Parameter / Sample ID: / Date Collected:	005-A7068/A7069 01/17/06	005-A7094/A7095 01/24/06	05A-A7049 01/11/06	05A-A7052 01/11/06	05B-A7078 01/18/06	006-A7053 01/11/06	006-A7056 01/11/06	06A-A7082 01/18/06
Volatile Organics								
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered								
Aroclor-1254	0.000057 J	ND(0.000065)	NA	0.00072	0.0037	NA	0.00026	ND(0.000065)
Aroclor-1260	0.000051 J	ND(0.000065)	NA	0.00078	0.0042	NA	0.00018	ND(0.000065)
Total PCBs	0.000108 J	ND(0.000065)	NA	0.0015	0.0079	NA	0.00044	ND(0.000065)
Semivolatile Organics								
None Detected	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals								
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	ND(5.0)	NA	NA	ND(5.0)	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING JANUARY 2006

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

Parameter / Sample ID: / Date Collected:	09B-A7009 12/27/05	09B-A7030 01/03/06	09B-A7043 01/09/06	09B-A7063 01/16/06	09C-A6997 12/25/05	09C-A7020 01/02/06	09C-A7023 01/02/06	09C-A7040 01/09/06	09C-A7064 01/16/06
Volatile Organics									
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered									
Aroclor-1254	NA	NA	NA	NA	NA	NA	0.00015	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	0.000078	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	0.000228	NA	NA
Semivolatile Organics									
None Detected	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals									
Biological Oxygen Demand (5-day)	ND(2.0)	ND(2.0)	2.1	ND(2.0)	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	ND(5.0)	ND(5.0)	NA	ND(5.0)	ND(5.0)
Total Suspended Solids	12.1	1.95	1.80	18.0	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING JANUARY 2006

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

Parameter / Sample ID: / Date Collected:	64G-7031 01/03/06	64G-7032 01/03/06	64G-A7003 12/26/05	64G-A7017 01/02/06	64G-A7037 01/09/06	64G-A7060 01/16/06	64T-A7000 12/26/05	64T-A7014 01/02/06	64T-A7034 01/09/06
Volatile Organics									
1,1,1-Trichloroethane	0.00074	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	0.0012	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	0.0011	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.00027	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	0.00039	NA	NA	NA	NA	NA	NA	NA	NA
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
Semivolatile Organics									
None Detected	NA	--	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals									
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	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	NA

TABLE A-2
DATA RECEIVED DURING JANUARY 2006

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

Parameter / Sample ID: / Date Collected:	64T-A7057 01/16/06	A7025RCN 01/03/06	A7025RTM 01/03/06	A7026CCN 01/03/06	A7026CDM 01/03/06	A7026CTM 01/03/06	DEC05WK4 12/20/05	DEC05WK5 12/27/05	JAN06WK2 01/10/06
Volatile Organics									
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA
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
Semivolatile Organics									
None Detected	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered									
Aluminum	NA	NA	ND(0.100)	NA	NA	ND(0.100)	NA	NA	NA
Cadmium	NA	NA	ND(0.00500)	NA	NA	ND(0.00500)	NA	NA	NA
Calcium	NA	NA	12.8	NA	NA	88.8	NA	NA	NA
Chromium	NA	NA	ND(0.0100)	NA	NA	ND(0.0100)	NA	NA	NA
Copper	NA	NA	ND(0.0200)	NA	NA	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200)
Cyanide	NA	ND(0.0100)	NA	0.0496	NA	NA	NA	NA	NA
Lead	NA	NA	ND(0.00500)	NA	NA	ND(0.00500)	ND(0.00500)	0.00657	ND(0.00500)
Magnesium	NA	NA	4.50	NA	NA	33.3	NA	NA	NA
Nickel	NA	NA	ND(0.0400)	NA	NA	ND(0.0400)	NA	NA	NA
Silver	NA	NA	ND(0.0100)	NA	NA	ND(0.0100)	NA	NA	NA
Zinc	NA	NA	ND(0.0200)	NA	NA	0.0250	ND(0.0200)	0.0429	0.0250
Inorganics-Filtered									
Aluminum	NA	NA	NA	NA	ND(0.100)	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	ND(0.00500)	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	ND(0.0100)	NA	NA	NA	NA
Copper	NA	NA	NA	NA	ND(0.0200)	NA	NA	NA	NA
Lead	NA	NA	NA	NA	ND(0.00500)	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	ND(0.0400)	NA	NA	NA	NA
Silver	NA	NA	NA	NA	ND(0.0100)	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	0.0203	NA	NA	NA	NA
Conventionals									
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	ND(5.0)	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA	NA

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

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

Attachment B

NPDES Discharge Monitoring Reports
December 2005

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

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	005 1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	12	01	TO	05	12	31

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

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

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG. C) 00310 T 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	******	******	******		0	01/30	CP
	PERMIT REQUIREMENT	90 MO AVG	135 DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 T 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	1.8	1.8	(26) LBS/DY	******	******	******		0	01/30	CP
	PERMIT REQUIREMENT	188 MO AVG	270 DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
OIL & GREASE 00556 T 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	0	(19) MG/L	0	01/07	GR
	PERMIT REQUIREMENT	******	135 DAILY MX	LBS/DY	******	******	15 DAILY MX	MG/L		WEEKLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS) 39516 T 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.00013	0.0004	(26) LBS/DY	******	******	******		0	01/07	CP
	PERMIT REQUIREMENT	0.01 MO AVG	0.03 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 T 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.234	0.545	(03) MGD	******	******	******		0	99/99	RC
	PERMIT REQUIREMENT	2.09 MO AVG	2.09 DAILY MX	MGD	******	******	******	**** ****		CONTIN UOUS	RECORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	M. T. Carroll	413 449-5902	2006	1	24
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) 0640 + 064T FOR FURTHER PARAMETERS

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

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

MA0003891	064 G
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	12	01	TO	05	12	31

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

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

Form Approved.
OMB No. 2040-0004

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		7.3	******	7.4	(12) SU	0	99/99	RCDR
00400 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	GRAB
BASE NEUTRALS & ACID (METHOD 625), TOTAL	SAMPLE MEASUREMENT	******	******		******	0	0	(19) MG/L	0	01/90	GR
76030 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
VOLATILE COMPOUNDS, (GC/MS)	SAMPLE MEASUREMENT	******	******		******	0.0011	0.0011	(19) MG/L	0	01/90	GR
78732 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	M. T. Carroll	413 448-5902	2006	1	24
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE / NUMBER	YEAR	MO	DAY

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

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

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

MA0003891	064 T	MAJOR
PERMIT NUMBER	DISCHARGE NUMBER	(SUBR W)

F - FINAL
WASTEWATER TREATMENT (005)

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	12	01	TO	05	12	31

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

Form Approved.
OMB No. 2040-0004

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		6.9	******	7.8	(12)	0	99/99	RCDR
00400 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU SU		WEEKLY	GRAB-G
DIBENZOFURAN	SAMPLE MEASUREMENT	******	******		******	NODI [6]	NODI [6]	(22)			
81302 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	PPT		ONCE/ MONTH	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	M. T. Carroll	413 448-5902	2006	1	24
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE / NUMBER	YEAR	MO	DAY

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

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	007 1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	12	01	TO	05	12	31

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

*** NO DISCHARGE [X] ***

NOTE: Read Instructions before completing this form.

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	M. T. Carroll	413 448-5902	2000	1	24
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.

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

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

MA0003891	009 1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	12	01	TO	05	12	31

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

*** NO DISCHARGE [ ] ***

Form Approved.
OMB No. 2040-0004

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG. C) 00310 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*******	*******	*******		0	01/07	CP
	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	*******	*******	*******	**** ****		WEEKLY	COMPOS
PH 00400 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*******	*******		6.9	*******	7.5	(12) SU	0	01/07	GR
	PERMIT REQUIREMENT	*******	******* **** ****		6.0 MINIMUM	*******	9.0 MAXIMUM	SU		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	1.1	4.7	(26) LBS/DY	*******	*******	*******		0	01/07	CP
	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	LBS/DY	*******	*******	*******	**** ****		WEEKLY	COMPOS
OIL & GREASE 00556 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*******	0	(26) LBS/DY	*******	*******	0	(19) MG/L	0	01/07	GR
	PERMIT REQUIREMENT	*******	438 DAILY MX	LBS/DY	*******	*******	15 DAILY MX	MG/L		WEEKLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS) 39516 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*******	*******		*******	0.0001	0.0001	(19) MG/L	0	01/90	GR
	PERMIT REQUIREMENT	*******	******* **** ****		*******	REPORT MO AVG	REPORT DAILY MX	MG/L		MTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.018	0.084	(03) MGD	*******	*******	*******		0	99/99	RC
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*******	*******	*******	**** ****		CONTINUOUS	RECORDI
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	M. T. Carroll	413 448-5902		2000	1	24
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
SEE PAGE 11 OF PERMIT. SEE DMRS 009A + 009B. REPORT SUM OF LOAD 09A + 09B, FOR BOD, TSS, FLOW. SAMPLE AT DISCHARGE POINT TO BROOK FOR PH, OIL & GREASE, AND PCB.

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	009 A
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR
(SUBR W)
F - FINAL
09A SAMPLE POINT BEFORE C09

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	12	01	TO	05	12	31

*** NO DISCHARGE ☑ ***

NOTE: Read instructions before completing this form.

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	M. T. Carroll	413 448-5902	2000	1	24
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.

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	009 B
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	12	01	TO	05	12	31

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

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG. C) 00310 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	******	******	******		0	01/07	CP
	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	1.1	4.7	(26) LBS/DY	******	******	******		0	01/07	CP
	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.018	0.064	(03) MGD	******	******	******		0	99/99	RC
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		CONTINUOUS	RECORD
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	M. T. Carroll	413 448-5902	2006	1	24
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.

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	SUM A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	12	01	TO	05	12	31

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

*** NO DISCHARGE | | ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	0	(26) LBS/DY	*******	*******	*******		0	01/30	CP
	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY LBS/DY	*******	*******	*******	****** ******		ONCE/ MONTH	COMPOS
NICKEL TOTAL RECOVERABLE 01074 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	0	(26) LBS/DY	*******	*******	*******		0	01/30	CP
	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY LBS/DY	*******	*******	*******	****** ******		ONCE/ MONTH	COMPOS
SILVER TOTAL RECOVERABLE 01079 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	0	(26) LBS/DY	*******	*******	*******		0	01/30	CP
	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY LBS/DY	*******	*******	*******	****** ******		ONCE/ MONTH	COMPOS
ZINC TOTAL RECOVERABLE 01094 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	0.3	(26) LBS/DY	*******	*******	*******		0	01/07	CP
	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY LBS/DY	*******	*******	*******	****** ******		WEEKLY	COMPOS
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	0.2	(26) LBS/DY	*******	*******	*******		0	01/30	CP
	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY LBS/DY	*******	*******	*******	****** ******		ONCE/ MONTH	COMPOS
CADMIUM TOTAL RECOVERABLE 01113 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	0	(26) LBS/DY	*******	*******	*******		0	01/30	CP
	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY LBS/DY	*******	*******	*******	****** ******		ONCE/ MONTH	COMPOS
LEAD TOTAL RECOVERABLE 01114 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	0.05	(26) LBS/DY	*******	*******	*******		0	01/07	CP
	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY LBS/DY	*******	*******	*******	****** ******		WEEKLY	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	M. T. Carroll	413	448-5902	2006	1	24
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	SUM A
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	12	01	TO	05	12	31

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

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
CHROMIUM TOTAL RECOVERABLE 01118 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	0.004	(26) LBS/DY	*******	*******	*******		0	01/30	CP
	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY	*******	*******	*******	****** ****		ONCE/ MONTH	COMPOS
COPPER TOTAL RECOVERABLE 01119 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	0	(26) LBS/DY	*******	*******	*******		0	01/07	CP
	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY	*******	*******	*******	****** ****		WEEKLY	COMPOS
CYANIDE, TOTAL RECOVERABLE 78248 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	0.17	(26) LBS/DY	*******	*******	*******		0	01/30	CP
	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY	*******	*******	*******	****** ****		ONCE/ MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	M. T. Carroll	413 448-5902	2006	1	24
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE / NUMBER	YEAR	MO	DAY

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

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

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

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

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	SUM B

MONITORING PERIOD	YEAR	MO	DAY
FROM	05	12	01
TO	05	12	31

Form Approved.
OMB No. 2040-0004

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

*** NO DISCHARGE | __ | ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
NOAEL STATRE 48HR AC U D. PULEX TDM3D 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		100	******	******	(23) %	0	01/30	CP
	PERMIT REQUIREMENT	******	******	**** ****	35 DAILY MN	******	******	PER-CENT		ONCE/ MONTH	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2006	1	24
AREA CODE	NUMBER	YEAR	MO	DAY

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

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

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	005 A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	10	01	TO	05	12	31

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	*******	*******		7.7	*******	7.7	(12) SU	0	01/90	GR
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	*****	6.0 MINIMUM	*******	9.0 MAXIMUM	SU		STRLY	RANG-G
PH	SAMPLE MEASUREMENT	*******	*******		NODI C	*******	NODI C	(12)			
00400 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	*****	6.0 MINIMUM	*******	9.0 MAXIMUM	SU		STRLY	RANG-G
OIL & GREASE	SAMPLE MEASUREMENT	*******	*******		*******	*******	0	(20) PPM	0	01/90	GR
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	*****	*******	*******	15 DAILY MX	PPM		STRLY	GRAB
OIL & GREASE	SAMPLE MEASUREMENT	*******	*******		*******	*******	NODI C	(20)			
00556 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	*****	*******	*******	15 DAILY MX	PPM		STRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.9	(21) PPB	0	01/90	GR
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	*****	*******	*******	REPORT DAILY MX	PPB		STRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	*******	*******		*******	*******	NODI C	(21)			
39516 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	*****	*******	*******	REPORT DAILY MX	PPB		STRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	*******	0.01	(03) MGD	*******	*******	*******		0	01/90	ES
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	REPORT DAILY MX	MGD	*******	*******	*******	**** ****		STRLY	ESTIMA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	M. T. Carroll	413 494-3500	2006	1	24
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)*
QUARTERLY. SAMPLE AT POINT OF DISCHARGE. SEE PAGES 16-17 FOR WET WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'S'. SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'U'. IF NO DISCHARGE USE 'G'.

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

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	005 A
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

	MONITORING PERIOD						
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	10	01	TO	05	12	31

*** NO DISCHARGE | __ | ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	NODI [C]	(03)	******	******	******				
50050 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	**** ****		QTRLY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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

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

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

TELEPHONE		DATE		
413	494-3500	2006	1	30
AREA CODE	NUMBER	YEAR	MO	DAY

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

QUARTERLY. SAMPLE AT POINT OF DISCHARGE. SEE PAGES 16-17 FOR WET WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'S'. SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'D'. IF NO DISCHARGE USE ...

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

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

Form Approved.
OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	005 B

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	10	01	TO	05	12	31

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		8.0	******	8.0	(12) SU	0	01/90	GR
00400 S O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	****** **** ****		6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	GRAB
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	0	(20) PPM	0	01/90	GR
00556 S O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	****** **** ****		******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	0.7	(21) PPB	0	01/90	GR
39516 S O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	****** **** ****		******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.228	(03) MGD	******	******	******		0	01/90	ES
50050 S O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	**** ****		QTRLY	ESTIM
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	494-3500	2006	1	24

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

QUARTERLY. SAMPLE AT POINT OF DISCHARGE.

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

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

Form Approved.
OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	006 1

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	10	01	TO	05	12	31

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

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH	SAMPLE MEASUREMENT	******	******		7.0	******	7.0	(12) SU	0	01/90	GR
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		2TRLY	GRAB
PH	SAMPLE MEASUREMENT	******	******		NODI [C]	******	NODI [C]	(13)			
00400 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		2TRLY	GRAB
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	0	(20) PPM	0	01/90	GR
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		2TRLY	GRAB
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	NODI [C]	(20)			
00556 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		2TRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	0.1	(21) PPB	0	01/90	GR
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		2TRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	NODI [C]	(21)			
39516 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		2TRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.014	(03) MGD	******	******	******		0	01/90	ES
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	**** ****		2TRLY	ESTIM

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	413 494-3500	2006 1 29
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)*
QUARTERLY. SAMPLE AT POINT OF DISCHARGE. SEE PAGES 16-17 FOR WET WEATHER REQUIREMENTS. FOR LIMITS WITH MONITORING LOCATION OF 'S'. SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'U'. IF NO DISCHARGE USE 'Q'.

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

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

Form Approved
OMB No. 2040-0004

MA0003891	006 1
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

	MONITORING PERIOD						
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	10	01	TO	05	12	31

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

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 U 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	NODI C	(03)	******	******	******				
	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	**** ****		QTRLY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	M. T. Carroll	413	494-3500	2006	1	24
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)*
QUARTERLY. SAMPLE AT POINT OF DISCHARGE. SEE PAGES 16-17 FOR WET WEATHER REQUIREMENTS. FOR LIMITS WITH MONITORING LOCATION OF 'S'. SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION ~~OF 'U'. IF NO DISCHARGE USE 'S'~~

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	006 A
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	10	01	TO	05	12	31

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

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		7.6	******	7.6	(12) SU	0	01/90	GR
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		BTRLY	RANGE
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	0	(20) PPM	0	01/90	GR
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	0.5	(21) PPB	0	01/90	GR
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.230	(03) MGD	******	******	******		0	01/90	ES
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	**** ****		QTRLY	ESTIM
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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

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

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

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	448-5902	2006	1	31

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
QUARTERLY. SAMPLE AT POINT OF DISCHARGE.

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	009 D
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	10	01	TO	05	12	31

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	*******	*******		NODI [E]	*******	NODI [E]	(12)			
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	*****	6.0 MINIMUM	*******	9.0 MAXIMUM	SU		1/STRLY	RANDOM
OIL & GREASE	SAMPLE MEASUREMENT	*******	*******		*******	*******	NODI [E]	(20)			
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	*****	*******	*******	15 DAILY MX	PPM		1/STRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	*******	*******		*******	*******	NODI [E]	(21)			
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	*****	*******	*******	REPORT DAILY MX	PPB		1/STRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	*******	NODI [E]	(03)	*******	*******	*******				
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	REPORT DAILY MX	MGD	*******	*******	*******	*****		1/STRLY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	M. T. Carroll	413 494-3500	2006	1 24
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)*
QUARTERLY. SAMPLE AT POINT OF DISCHARGE.

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	SRO 1
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	10	01	TO	05	12	31

*** NO DISCHARGE ( ) ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		NODI [E]	******	NODI [E]	(12)			
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		3/TRLY	RANDOM
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(20)			
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		3/TRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(21)			
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		3/TRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	NODI [E]	(03)	******	******	******				
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TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE / NUMBER	YEAR	MO	DAY

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SAMPLE AT POINT OF DISCHARGE.

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

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

Form Approved.
OMB No. 2040-0004

MA0003891 — PERMIT NUMBER
SBO 2 — DISCHARGE NUMBER

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	10	01	TO	05	12	31

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

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
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100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

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

Form Approved.
OMB No. 2040-0004

MA0003891	SRO 3
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	10	01	TO	05	12	31

*** NO DISCHARGE ( ) ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
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FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

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

Form Approved.
OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	SBG 4

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

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FACILITY GENERAL ELECTRIC COMPANY
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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

Form Approved.
OMB No. 2040-0004

MA0003891	SRO 5
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MAJOR
(SUBR W)
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SAMPLE AT POINT OF DISCHARGE.

Attachment C

NPDES Biomonitoring Report for January 2006

BLASLAND, BOUCK & LEE, INC.
engineers, scientists, economists

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

Columbia Analytical Services, Inc.
An Employee - Owned Company

January 24, 2006

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

Re: NPDES Biomonitoring Report for January 2006
Submission #: R2629671

Dear Mr. Nicholson:

Enclosed is our report on the Whole Effluent Toxicity testing conducted in January 2006. The Outfall Composite samples were collected on 1/3/06 at 11:00 am. The Housatonic River samples were collected on 1/3/06 at 8:15 am. The Outfall Composite and Housatonic River samples were analyzed at Columbia Analytical Services for total cyanide, ammonia, total organic carbon, total phosphorus, chloride, total solids, total suspended solids, 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, pH, total residual chlorine. 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

Amy Hentschke
Project Manager

enc.

NPDES BIOMONITORING REPORT

GENERAL ELECTRIC COMPANY
Pittsfield, MA
NPDES PERMIT MA 0003891

Monthly Acute Toxicity Monitoring
Dry Weather Conditions
January 2006

WHOLE EFFLUENT TOXICITY TEST REPORT CERTIFICATION

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

Executed on _____ _____

(Date) (Authorized Signature)

Michael T. Carroll

General Electric Co. – Pittsfield, MA
Permit MA0003891

Prepared by: A. Hentschke
January 24, 2006

TABLE OF CONTENTS

I. Summary

On January 2-3, 2006 sampling of wastewater discharges from the General Electric Company facility in Pittsfield MA was conducted in accordance with the dry weather toxicity testing requirement of the GE NPDES Permit MA0003891. Composite samples were collected from GE outfalls 001, 005-64G, and 005-64T 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 January 3, 2006 and shipped to AquaTec along with the wastewater composite. AquaTec dechlorinated the composite sample prior to the acute toxicity test following the toxicity reduction procedures summarized in a letter dated November 11, 1993 to EPA Region I from JG Ruebesam of General Electric Company. The composite wastewater sample and the dilution water sample were tested for chemical constituents by Aquatec Biological Sciences and Columbia Analytical Services. The analytical results are summarized in Table I and the detailed laboratory test data are include as Appendices to this report. As a result of land transfer documents executed on April 27, 2005 and recorded in the Berkshire County Registry of Deeds on May 2, 2005, Outfalls 001 and 004 were transferred to the Pittsfield Economic Development Authority (PEDA). Outfalls 001 and 004 DMRs will no longer be submitted under the GE NPDES Permit No. MA0003891. However, GE's NPDES Permit requires that the metal and toxicity composites to be made by compositing samples from the following outfalls: 001, 004, 005, 007, and 009. These two composites will continue to include an aliquot of water from outfall 001 and outfall 004, and will be reported on GE's DMR until further actions by the Agencies.

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

II. Review of Toxicity Test Results

The wastewater discharge sample collected on January 2-3, 2006 was tested for 48-hour acute toxicity using Daphnia pulex organisms. The sample did not require dechlorination with sodium thiosulfate ($Na_2S_2O_3$) prior to toxicity testing. Aquatec Biological Sciences reported the results of this toxicity testing as follows:

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

This result is in compliance with the toxicity limit of 35% minimum for dry weather NOAEL established in the GE NPDES permit.

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

Control Analysis	Result
Survival in 100% dilution water	100%
Survival in laboratory water	80%
Survival in laboratory water with 100 mg/L sodium thiosulfate	80%
LC_{50} for Daphnia pulex in sodium chloride reference toxicant solution	4.01g NaCl/L January 5, 2006

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

III. Review of Wastewater Sampling Procedures

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

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

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

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

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

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

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

IV. Review of Individual NPDES Discharges

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

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

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

3. Outfall 005 is permitted to discharge contact cooling water, non-contact cooling water, treated process water and storm water runoff from the Wastewater Treatment Plant in Building 64T, and treated groundwater from the Groundwater Treatment Plant in Building 64G to the Housatonic River. Monitoring samples are collected seperately 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
January 2-3, 2006

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

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

Parameter Tested	Laboratory	Effluent Composite	Housatonic River
Total Organic Carbon	CAS	5.20	3.28
Total Phosphorus	CAS	ND (0.0500)	ND (0.0500)
Total Solids	CAS	1020	99.0
TSS	CAS	2.26	ND (1.03)
Chloride	CAS	402	23.9
Hardness	Aquatec	350	52
Total Alkalinity	Aquatec	332	40
Spec. Conductance (umhos)	Aquatec	1856	193
Ammonia	CAS	0.488	0.192
pH (SU)	Aquatec	8.0	7.3
TRC (start of toxicity test)	Aquatec	ND	ND
Cyanide	CAS	0.0496	ND (0.0100)
Copper, total	CAS	ND (0.0200)	ND (0.0200)
Copper, dissolved	CAS	ND (0.0200)	
Lead, total	CAS	ND (0.00500)	ND (0.00500)
Lead, dissolved	CAS	ND (0.00500)	
Zinc, total	CAS	0.0250	ND (0.0200)
Zinc, dissolved	CAS	0.0203	
Cadmium, total	CAS	ND (0.00500)	ND (0.00500)
Cadmium, dissolved	CAS	ND (0.00500)	
Chromium, total	CAS	ND (0.0100)	ND (0.0100)
Chromium, dissolved	CAS	ND (0.0100)	
Nickel, total	CAS	ND (0.0400)	ND (0.0400)
Nickel, dissolved	CAS	ND (0.0400)	
Silver, total	CAS	ND (0.0100)	ND (0.0100)
Silver, dissolved	CAS	ND (0.0100)	
Aluminum, total	CAS	ND (0.100)	ND (0.100)
Aluminum, dissolved	CAS	ND (0.100)	
pH (SU)	OB&G	7.98	7.32
Hardness	Aquatec	350	52

ND – Not detected, Number in parentheses is detection limit. All results are mg/L unless indicated.
NA – Not analyzed

APPENDIX 1

Chemical and Acute Toxicity Data

Aquatec Biological Sciences

Aquatec Biological Sciences

Ecology | Environmental Toxicology | Natural Resource Assessments | Microbiology

January 12, 2006

Ms. Amy Hentschke
Columbia Analytical Services,
1 Mustard Street – Suite 250
Rochester, NY 14609

Dear Ms. Hentschke:

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 January 3, 2006.

According to the Chain-of-Custody documentation the samples for Whole Effluent Toxicity (WET) Testing were collected on January 3, 2006. The samples were transported to Aquatec Biological Sciences, Inc. by courier service and delivered on the same day. The effluent sample (Sample 31242) was logged in for the acute 48-hour static toxicity test with *Daphnia pulex*. The receiving water sample (Sample 31243) was logged in for dilution water. A subsample of each sample was checked for residual chlorine (not detected) and for alkalinity and hardness measurements at Aquatec Biological Sciences, Inc. The toxicity test was started on January 4, 2006, within the specified holding time.

At the conclusion of the toxicity test on January 6, 2006, a final count of surviving organisms was completed. The average survival was 100 percent in all test concentrations. Acute toxicity *Daphnia pulex*) was not detected, and the 48-hour LC50 reported as >100% effluent.

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

Sincerely,

John Williams
Manager, Environmental Toxicology

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

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

Samples Collected in January 2006

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

SDG number: 9279

Effluent sample ID: A7026C Aquatec sample number: 31242
Receiving water sample ID: A7025R Aquatec sample number: 31243

Study Director: John Williams

January 11, 2006

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

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

Signatures and Approval

Submitted by:

Aquatec Biological Sciences, Inc.
273 Commerce Street
Williston, Vermont 05454
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1/12/06
Date

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1/19/06
Date

Whole Effluent Toxicity Test Report Certification

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

Executed on: Date: 1/12/06

Authorized signature

John Williams
Name

Manager, Environmental Toxicology
Title

Aquatec Biological Sciences, Inc.
Laboratory

Table of Contents

List of Tables

Summary
of
Static Acute Toxicity Test with *Daphnia pulex*

Sponsor:	General Electric
Protocol title:	US EPA-821-R-02-012. *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms*, 5th Ed., October 2002. Method 2021.0
Aquatec SDG:	9279
Test material:	Composite effluent from the General Electric Company located in Pittsfield, Massachusetts
GE sample ID:	A7026C
Dilution water:	Water from the Housatonic River (grab sample)
GE sample ID:	A7025R
Dates collected:	January 3, 2006
Date received:	January 3, 2006
Test dates:	January 4 to January 6, 2006
Test concentrations:	100%, 75%, 50%, 35%, 15%, 5% effluent. Dilution water control (Housatonic River) Laboratory control 1 (culture water) Laboratory control 2 (culture water with sodium thiosulfate)
Results:	The 48-hour LC50 value was determined to be >100% effluent. The Acute No-Observed-Effect-Concentration (A-NOEC) was 100% effluent.

1.0 Introduction

1.1 Background

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

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

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

1.2 Objective of the General Electric Study

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

A toxicity test was conducted from January 4 to January 6, 2006 at Aquatec Biological Sciences, Inc. (Aquatec) located in Williston Vermont. Aquatec Biological Sciences, Inc. holds NELAC accreditation for the requested whole effluent toxicity test. All original raw data and the final report produced for this study are stored in Aquatec's archives in Williston, Vermont.

2.0 Materials and Methods

2.1 Protocol

Procedures used in this acute toxicity test followed those described in the Aquatec Standard Operating Procedure (SOP) TOX2-001, Daphnid Acute R4, August 9, 2006. This SOP generally follows the standard methodology presented in U.S. EPA. 2002 (EPA-821-R-02-012. *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine*

Organisms, 5th Ed., October 2002, Method 2021.0 (as summarized in Appendix 2 of this report). A copy of the SOP is located in Appendix 6 (Controlled document, please do not copy or distribute.)

Additional SOPs used in this study are outlined below:

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

2.2 Effluent and Receiving Water Samples

The effluent sample (A7026C) was collected by GE personnel from January 2 to January 3, 2006. The receiving water sample was a grab collected from the Housatonic River on January 3, 2006. Samples were delivered to Aquatec on the same day. Upon receipt at Aquatec on January 3, 2006, the cooler containing the samples was placed in the sample storage refrigerator. The effluent and receiving water were prepared for testing and characterized (Table 1). The receiving water was the dilution water for preparing effluent concentrations and was also the reference control for statistical comparisons.

2.3 Control water

Laboratory control water for the toxicity test was a 1:1 mixture of laboratory reconstituted moderately hard water and 60-micron filtered river water collected from the Lamoille River, Vermont. This water was characterized for the following parameters: pH (7.8); dissolved oxygen (9.0 mg/L); conductivity (240 uS/cm). An additional dechlorination control (laboratory water with 0.2 N sodium thiosulfate added) was included in the test array, even though chlorine was not detected in the effluent sample.

2.4 Test Organism

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

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

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

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

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

2.5 Test Procedures

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

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

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

2.6 Test Monitoring

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

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

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

2.7 Reference Toxicant Test

A 48-hour standard reference toxicant (SRT) test was conducted concurrently with the effluent toxicity test. The SRT test was conducted as a quality control procedure to establish the health and sensitivity of the test organisms. The SRT included five 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 4.01 g NaCl/L with 95% confidence intervals of 1.45 – 4.67 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

Due to a laboratory error (spillage of neonates), two collections of neonates were used to start the toxicity test. Replicates A, B, C, and D were started with a less than 24-hour old neonates collected at 11:05 on January 4, 2006. The test for these replicates was started at 12:10 on January 4, 2006. Replicate E of the effluent toxicity test and all replicates of the dechlorination control treatment were started with less than 24-hour old neonates collected at 16:15 on January 4, 2006. The test for the E replicates and the dechlorination control was started at 16:30 on January 4, 2006.

The laboratory control had one neonate stuck to the side of the test container and two neonates apparently missing, resulting in 84 percent surviving neonates at the end of the test in this control. The dechlorination control had 92 percent survival and the dilution water control had 100 percent survival. Also, all effluent test concentrations had 100 percent survival.

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 A7026C	Housatonic River A7025R
Temperature	20.4	20.6
pH	8.0	7.3
Alkalinity (as $CaCO_3$), mg/L	332	40
Hardness (as $CaCO_3$), mg/L	350	52
Dissolved oxygen, mg/L	9.6	10.5
Specific conductivity, uS/cm	1856	193
Salinity ($^{o}/_{oo}$)	2	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, January 4-6, 2006

Test Concentration (% effluent)	pH			Dissolved Oxygen (mg/L)			Temperature (°C)		
	0	24	48	0	24	48	0	24	48
Dechl. Control	7.7	-	7.5	8.8	-	8.8	20.6	20.9	20.5
Lab Control	7.8	-	7.5	9.0	-	8.8	20.9	21.0	20.2
Dilution Control	7.3	-	7.5	10.5	-	8.8	20.6	20.3	20.0
5%	7.4	-	7.6	10.6	-	8.8	20.7	20.5	20.1
15%	7.6	-	7.8	10.6	-	8.8	21.0	20.4	20.3
35%	7.8	-	7.9	10.3	-	9.0	20.8	20.8	20.4
50%	7.9	-	8.1	10.1	-	9.1	20.7	20.7	20.3
75%	8.0	-	8.4	9.9	-	9.0	20.6	20.7	20.2
100%	8.0	-	8.3	9.6	-	9.0	20.4	20.5	20.1

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, January 4-6, 2006.

Effluent Conc. (%)	24-hour						48-hour					
	A	B	C	D	E	Avg	A	B	C	D	E	Avg
Dechl. Control	0	0	0	0	0	0	0	0	20	0	20	8
Lab Control	0	40[1]	0	0	0	8	20	40[1]	0	0	20[2]	16
Rec. Control	0	0	0	0	0	0	0	0	0	0	0	0
5%	0	0	0	0	0	0	0	0	0	0	0	0
15%	0	0	0	0	0	0	0	0	0	0	0	0
35%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
75%	0	0	0	0	0	0	0	0	0	0	0	0
100%	0	0	0	0	0	0	0	0	0	0	0	0

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

[1] Two neonates were missing from this replicate at 24 hours.
[2] One neonate was stuck to the side of the test container (dead).

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

Name: General Electric Company
Address: O'Brien & Gere
1000 East Street, Gate 64
City/State/Zip: Pittsfield, MA 01201
Telephone: (413) 494-6709
Facsimile:
Contact Name: Mark Wasnewsky

COMPANY'S PROJECT INFORMATION

Project Name: GE PITTSFIELD
Outfall Composite
Project Number: 05069
Sampler Name(s): Mark Wasnewsky
Quote #: 10/05 Client Code: COLUMB

SHIPPING INFORMATION

Carrier:
Airbill Number:
Date Shipped: 1-3-06
Hand Delivered: ☐ Yes ☐ No

SAMPLE IDENTIFICATION	COLLECTION DATE	COLLECTION TIME	GRAB	COMPOSITE	MATRIX	ANALYSIS (detection limits, mg/L)	4°C, Plastic, 1 gal	4°C, Plastic, 1/2 gal	4°C H_2SO_4, Plastic, 1 L	4°C H_2SO_4, Glass, 40 ml	4°C, Amber Glass, 250 ml	4°C HNO_3, Plastic, 0.5 L
Outfall Composite A7026C	1-3-06	11:00 AM		✓	Effluent	*Daphnia pulex* 48-h Static Acute Toxicity (EPA Method 2021.0). Log in for A48DPS	1					
Outfall Composite A7026C	↓	11:00 AM		✓	Effluent	Total Residual Chlorine					1	
Housatonic River A7025R	↓	8:15 AM	✓		Receiving	Dilution Water	1					
Housatonic River A7025R	↓	8:15 AM	✓		Receiving	Total Residual Chlorine					1	

Relinquished by: (signature)	DATE	TIME	Received by: (signature)
Mark Wasnewsky	1-3-06		FEX 445 Robert R Breault
	1/3/06	19:35	Philip C Doney

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: °C. Dechlorinate the effluent sample if chlorine is detected. Subsample for TRC analysis to STL.
Put samples in refrigerator

Appendix 2
Summary of Test Conditions

Client: GENERAL ELECTRIC, PITTSFIELD, MA, MA0003891 **SDG: 9279**

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

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

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

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

Aquatec Biological Sciences SDG: 9279

TOXICITY TEST SUMMARY SHEET

Facility Name: GE Pittsfield Effluent Test Start Date 1/4/2006

NPDES Permit Number: MA0003891 Pipe Number: 001

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

Dilution Water: Housatonic River

Receiving Water: Housatonic River

Effluent Sampling Dates: 1/3/06

Concentrations Tested: 0 5 15 35 50 75 100 Control Permit Limit: NA

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

With Sea Salts? Hypersaline Brine Solution?

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

Reference Toxicant Date: 1/5/06

PERMIT LIMITS and TEST RESULTS

Test Acceptability Criteria

Mean Control Surival: 100 (%)

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

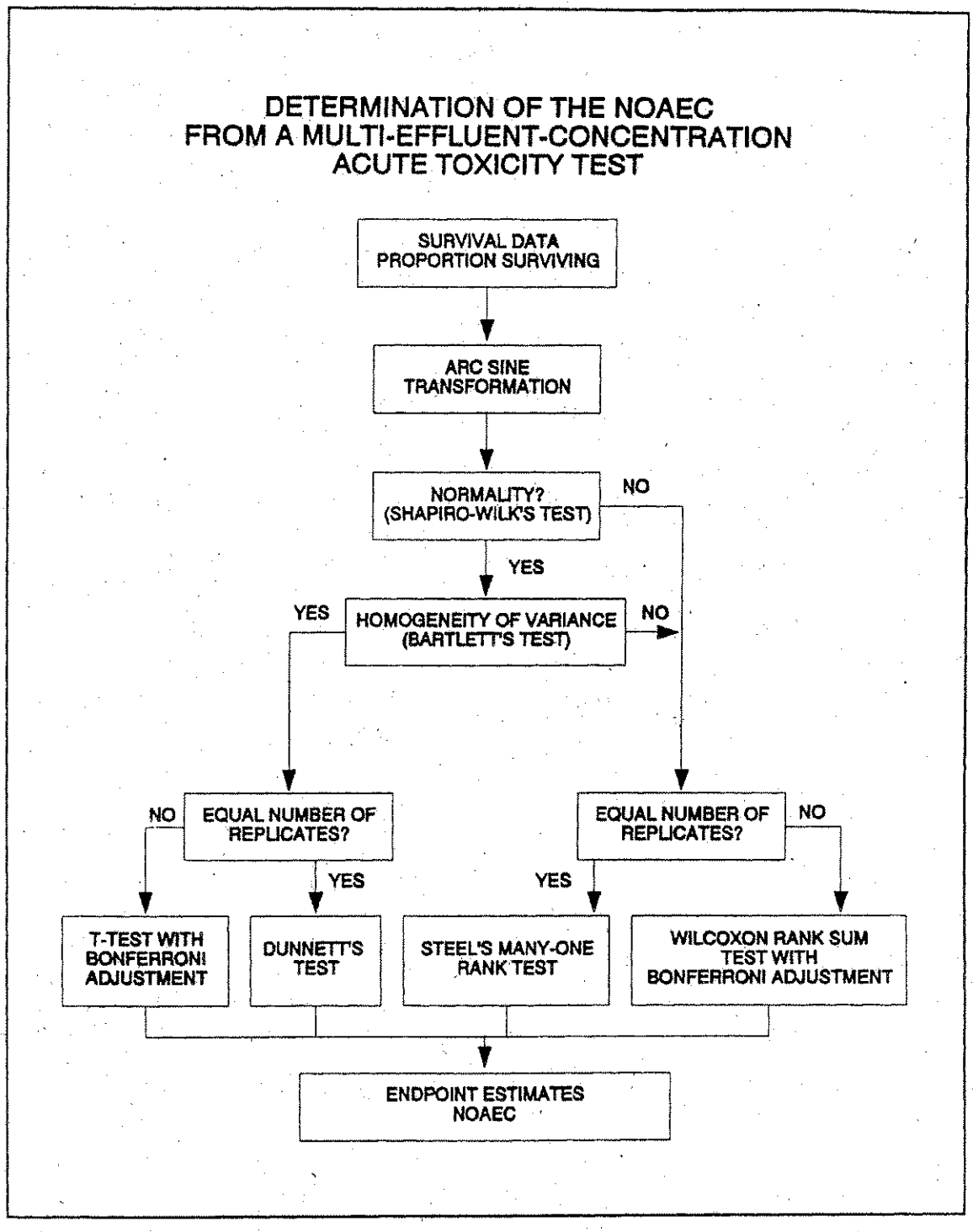


Figure 13. Flowchart for analysis of multi-effluent-concentration test data.

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

Aquatec Biological Sciences, Inc.

Test Date: 1/04/06
Sample Date: 1/03/06
Species: Daphnia pulex
Test Type: Acute - 48 hours

Test Number: 46667
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	1.16	.193	
			X	0.000	D	5	1.35	0.000	
			X	5.000	D	5	1.35	0.000	
			X	15.000	D	5	1.35	0.000	
			X	35.000	D	5	1.35	0.000	
			X	50.000	D	5	1.35	0.000	
			X	75.000	D	5	1.35	0.000	
			X	100.000	D	5	1.35	0.000	
Proportion Alive	2	No transformation							
				0.000	B	5	.84	.167	
				0.000	D	5	1.00	0.000	
				5.000	D	5	1.00	0.000	
				15.000	D	5	1.00	0.000	
				35.000	D	5	1.00	0.000	
				50.000	D	5	1.00	0.000	
				75.000	D	5	1.00	0.000	
				100.000	D	5	1.00	0.000	

X = indicates concentrations used in calculations

- HYPOTHESIS TEST -

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

LC50 > 100% (DIRECT OBSERVATION)

Aquatec Biological Sciences, Inc.

WATER FLEA TEST DATA

Test Number: 46667 ( ) Chronic (x) Acute 48 hours
Test Date: 4-Jan-06
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		4						.80		
0.00 B	2		F	5		3						.60		
0.00 B	3		F	5		5						1.00		
0.00 B	4		F	5		5						1.00		
0.00 B	5		F	5		4						.80		
0.00 D	1		F	5		5						1.00		
0.00 D	2		F	5		5						1.00		
0.00 D	3		F	5		5						1.00		
0.00 D	4		F	5		5						1.00		
0.00 D	5		F	5		5						1.00		
5.00 D	1		F	5		5						1.00		
5.00 D	2		F	5		5						1.00		
5.00 D	3		F	5		5						1.00		
5.00 D	4		F	5		5						1.00		
5.00 D	5		F	5		5						1.00		
15.00 D	1		F	5		5						1.00		
15.00 D	2		F	5		5						1.00		
15.00 D	3		F	5		5						1.00		
15.00 D	4		F	5		5						1.00		
15.00 D	5		F	5		5						1.00		
35.00 D	1		F	5		5						1.00		
35.00 D	2		F	5		5						1.00		
35.00 D	3		F	5		5						1.00		
35.00 D	4		F	5		5						1.00		
35.00 D	5		F	5		5						1.00		
50.00 D	1		F	5		5						1.00		
50.00 D	2		F	5		5						1.00		
50.00 D	3		F	5		5						1.00		
50.00 D	4		F	5		5						1.00		
50.00 D	5		F	5		5						1.00		
75.00 D	1		F	5		5						1.00		
75.00 D	2		F	5		5						1.00		
75.00 D	3		F	5		5						1.00		
75.00 D	4		F	5		5						1.00		
75.00 D	5		F	5		5						1.00		
100.00 D	1		F	5		5						1.00		
100.00 D	2		F	5		5						1.00		
100.00 D	3		F	5		5						1.00		
100.00 D	4		F	5		5						1.00		
100.00 D	5		F	5		5						1.00		

OCV YS 1/8/06

Client: GENERAL ELECTRIC, PITTSFIELD, MA Test #: 46667 SDG: 9279
MA0003891
Test Description: *Daphnia pulex* 48-h daily renewal acute toxicity test

SURVIVAL DATA, SAMPLE 31242

Treatment (%)		Day 0	Day 1 # Surviving	Day 2 # Surviving
Rec.	A	5	5	5
Water	B	5	5	5
Contr	C	5	5	5
	D	5	5	5
	E	5	5	5
5.0	A	5	5	5
	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
15	A	5	5	5
	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
35	A	5	5	5
	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
50	A	5	5	5
	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
75	A	5	5	5
	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
100	A	5	5	5
	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
Sample #		31242		
I/D/T		KS 1/4 12:10 + 16:30	KS 1/5/06 12:00	1-6-06 16:15 JG

Note: Dechlor. control and all "E" reps started at 16:30 with new batch of neonates. Not enough of 1st batch to start entire test. KS

Aquatec Biological Sciences, Inc. Williston Vermont
Reviewed by: _____ Date: 1/9/06

Client: GENERAL ELECTRIC, PITTSFIELD, MA Test #: 46667 SDG: 9279
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	4	
Contr	B	5	3 ①	3	
	C	5	5	5	
	D	5	5	5	
	E	5	5	4	← 1 dead (stuck to side.) JG 1-6-06
Dechlor.	A	5	5	5	
Control	B	5	5	5	
	C	5	5	4	
	D	5	5	5	
	E	5	5	4	
I/D/T		KS 1/4 11:30+16:30	KS 1/5/06 11:50	JG 1-6-06	16:15

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.

① 2 missing DP

Daphnia pulex Culture Log

CULTURE ID	WATER RENEWAL?	FED (MWF Sel/YCT TuTh Sel)	CLEARED OF NEONATES? (TIME)	TEMP. (°C)	DATE	INIT.
11/28 A,B,~~C~~	✓	Yc/Sel	✓ 9:25	21.0°C	12-14-05	KS
mass culture 12/14 collected from 11/28 A,B,C cultures				—	↓	↓
All	—	✓ Sel	—	—	12-15-05	KS
All	✓	Yc/Sel ✓	—	21.0°C	12-16-05	JG
All	—	Sel	—	—	12-18-05	KS
12/14 12/19 A,B,C	✓	Yc/Sel	✓ 10:45	20.7°C	12-19-05	KS
↓	—	Sel	—	—	12-20-05	↓
12/14 12/19 A,B,C	✓	Yc/Sel	✓ 9:15	21.0°C	12-21-05	KS
All	—	Sel	—	—	12-22-05	JG
12/14, 12/19-A,B,C	✓	Yc/Sel	—	21.0°C	12-23-05	JG
12/14 12/19 A,B,C	✓	Yc/Sel	—	21.0°C	12-26-05	JG
↓	—	Sel	—	—	12-27-05	KS
12/14 12/19 A,B,C	✓	Yc/Sel	✓ 9:15	20.9°C	12-28-05	KS
↓	—	Sel	—	—	12-29-05	KS
12/30 mass culture 12/19 A,B,C	✓	Yc/Sel	✓ 8:15	20.5°C	12-30-05	KS
12/30, 12/19 A,B,C	—	Sel	—	20.1°C	12-31-05	JG
↓	—	Yc/Sel	—	—	1-1-06	KS
12/30 12/19 A,B,C	✓	↓	✓ 10:30	20.8°C	1-2-06	KS
12/30	—	Sel	—	—	1-3-06	↓
12/19 A,B,C	✓	Yc/Sel	✓ 13:00	20.9°C	↓	↓
12/19 A,B,C	✓	Yc/Sel	✓ 11:05		1-4-06	KS

(neonates collected again @ 16:15) 1/4/06 KS.

1/28 C dumped

11/28 A,B dumped

2/14 culture dumped

Client: GENERAL ELECTRIC, PITTSFIELD, MA Test #: 46667 SDG: 9279
MA0003891 OUTFALL 001
Test Description: *Daphnia pulex* 48-h daily renewal acute toxicity test

Treatment (%)	Parameter	Day 0	Day 1	Day 2
Lab Contr	pH	7.8		7.5
	DO	9.0		8.8
	Temp	20.9 ~~25.0~~ KS	21.0	20.2
	Cond.	240	--	—
Dechlorination Control	pH	7.7		7.5
	DO	8.8		8.8
	Temp	20.6 ~~24.6~~ KS	20.9	20.5
	Cond.	240	--	—
Rec. Water Contr	pH	7.3		7.5
	DO	10.5		8.8
	Temp	20.6 ~~24.8~~ KS	20.3	20.0
	Cond.	193	--	—
5.0	pH	7.4		7.6
	DO	10.6		8.8
	Temp	~~20.7~~ ~~24.8~~ KS	20.5	20.1
	Cond.	282	--	—
15	pH	7.6		7.8
	DO	10.6		8.8
	Temp	~~21.0~~ ~~24.8~~ KS	20.4	20.3
	Cond.	465	--	—
35	pH	7.8		7.9
	DO	10.3		9.0
	Temp	20.8 ~~24.9~~ KS	20.8	20.4
	Cond.	810	--	—
50	pH	7.9		8.1
	DO	10.1		9.1
	Temp	20.7 ~~24.9~~ KS	20.7	20.3
	Cond.	1061	--	—
75	pH	8.0		8.4
	DO	9.9		9.0
	Temp	20.6 ~~25.1~~ KS	20.7	20.2
	Cond.	1464	--	—
100	pH	8.0		8.3
	DO	9.6		9.0
	Temp	20.4 ~~25.3~~ KS	20.5	20.1
	Cond.	1856	--	—
Sample #		31242	31242	31242
I/D (2005)		KS 1/4/06	KS 1/5/06	1-6-06 JG

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
31242	GE Pittsfield Efflue		1/4/06	25	6	14.3	KS	1/4/06	332.0	50	8.6	26.1	KS	1/4/06	350.0
31243	Housatonic River		1/4/06	25	14.5	15.5	KS	1/4/06	40.0	50	26.1	28.7	KS	1/4/06	52.0

Sample Preparation

Client: GENERAL ELECTRIC, PITTSFIELD, MA MA0003891	**SDG: 9279**
Test Description: *Daphnia pulex* acute toxicity test.	**Test #: 46667**

Sample Identification:

Sample Description	Rec. Water (Housatonic River)	Effluent		
Sample #	31243	31242		

Sample Preparation:

Filtration	60 micron ✓	60 micron ✓	60 micron	60 micron
Chlorine [1]	ND	ND		
Dechlorine [2]	—	—		
Salinity (o/oo)	0 ‰	2 ‰		
Prepared by (Init./date)	KS 1-9-06			

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

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

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

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

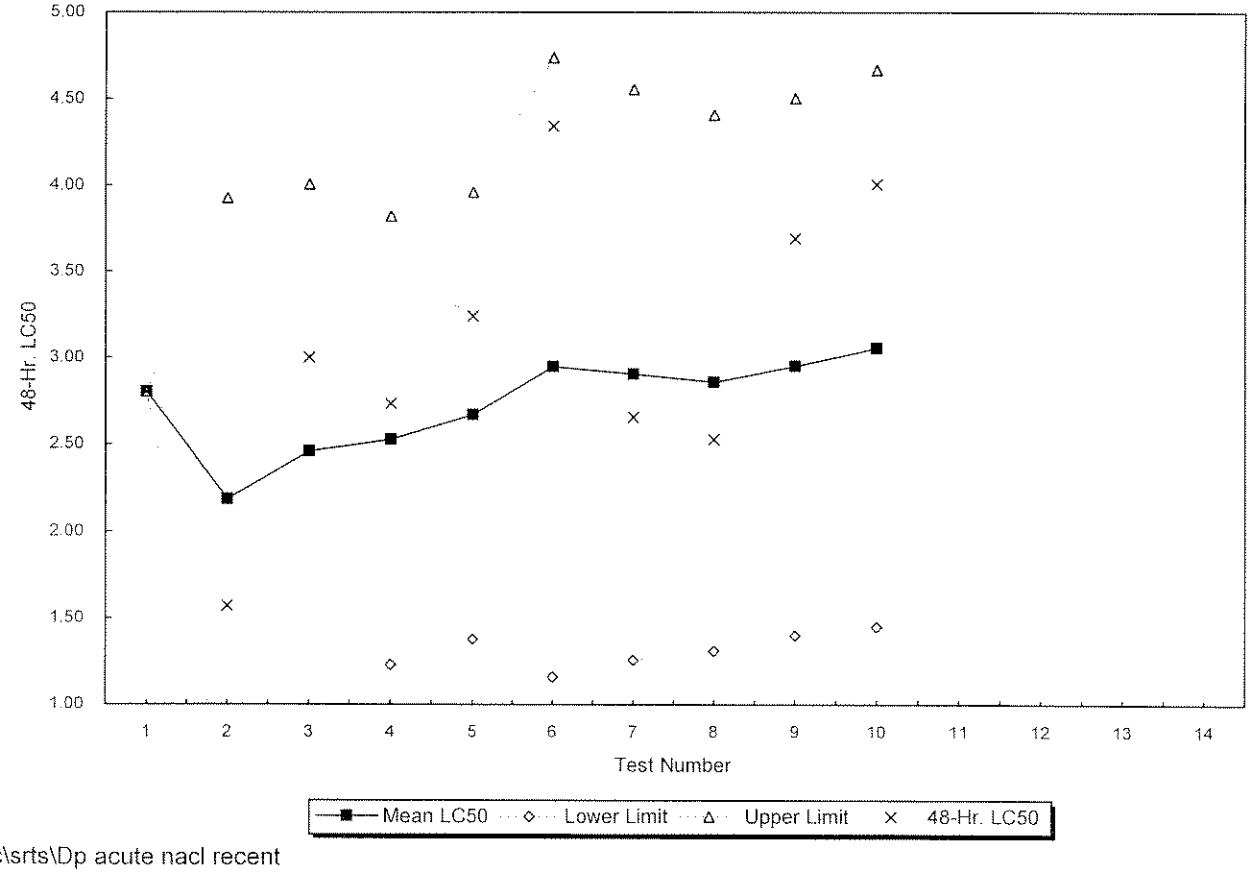
Comments:

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

Appendix 5
Standard Reference Toxicant test Control Chart

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

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



qaqc\srts\Dp acute nacl recent

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

Standard Operating Procedure for Daphnid (*Ceriodaphnia dubia, Daphnia magna* and *Daphnia pulex*) Acute Toxicity Test

1.0 IDENTIFICATION OF TEST METHOD

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

2.0 APPLICABLE MATRIX OR MATRICES

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

3.0 DETECTION LIMIT

Not applicable.

4.0 SCOPE AND APPLICATION

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

5.0 SUMMARY OF TEST METHOD

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

6.0 DEFINITIONS

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

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

7.0 INTERFERENCES

Not applicable.

8.0 SAFETY

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

9.0 EQUIPMENT AND SUPPLIES

Calibrated Instrumentation and Water Quality Apparatus:

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

Additional Equipment:

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

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

10.0 REAGENTS AND STANDARDS

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

11.0 SAMPLE COLLECTION, PRESERVATION, SHIPMENT, AND STORAGE

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

12.0 QUALITY CONTROL

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

13.0 CALIBRATION AND STANDARDIZATION

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

14.0 PROCEDURE

14.1 Test System and Conditions

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

14.2 Test Organisms

Procurement and Documentation

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

Evaluation of Daphnid Condition and Acclimation

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

Ordinarily, *C. dubia* neonates are maintained in laboratory water (1:1 mix of Lamoille River water and moderately hard water) up until the time of test initiation. *D. magna* neonates are maintained in hard water while *D. pulex* neonates are maintained in moderately hard water. The temperature

of the neonate stock must be maintained at 25 ± 1°C or (20 ± 1°C). Return parent stock females from the neonate cups to the source batch culture. *Ceriodaphnia dubia* are cultured in individual culture cups (one organism per cup) maintained at 25 ± 1°C.

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

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

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

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

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

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

pH - acceptable range, 6.0-9.0

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

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

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

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

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

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

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

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

Aeration
Do not aerate daphnid acute tests.

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

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

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

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

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

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

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

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

Daphnid survival (end of test)
For each replicate, determine the number of live daphnids remaining and record the results in the appropriate data box of the daphnid acute data form. A daphnid is scored as "alive" if any activity or self-propelled movement is observed. If necessary, examine organisms under a dissecting microscope to determine the number surviving.

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

Final Chemistry (end of test)
Measure and record temperature of one replicate from each test concentration. Combine the test solution from each replicate of each test concentration. Measure and record the final chemistry parameters (conductivity, pH and DO) as specified in 3.2.1 above.

15.0 CALCULATIONS
The 48-h LC50 (or 96-h) and A-NOEC (if required) are calculated using the TOXIS2 software program. Enter the test data into the TOXIS2 template prepared for each client. Run the statistical program for the EPA Acute Toxicity Test flow chart and print the entered test data and the statistical results. Check the entered data against the original hand-written test data and record the date and initials. Place the statistical printouts in the project folder (by SDG) and return the folder with all paperwork to the project holding file.

16.0 METHOD PERFORMANCE
Test conditions should be at or near the limits outlined in the Protocol (Table 1).

17.0 POLLUTION PREVENTION
Effluents and receiving waters used in toxicity tests are stored refrigerated until the test data have been reviewed and deemed acceptable by the Laboratory Manager or the Director. Contact the Laboratory Manager or Director prior to discarding any stored samples. Effluent and receiving water samples may be discarded following a period of chlorination (e.g., 30 minutes). Effluent samples that have exhibited high toxicity in low test concentrations should be discarded in the "Aqueous Waste" drum for disposal by a certified waste handler. Other samples containing unknown or suspected toxic contaminants should be discarded in the "Aqueous Waste" drum.

18.0 DATA ASSESSMENT AND ACCEPTANCE CRITERIA FOR QUALITY CONTROL MEASURES
The Laboratory Manager and/or the Laboratory Director will review test data to ensure that all elements of the data package are available and complete (Log-in work sheets, test IDs, Chain-of-Custody documentation, toxicity test benchsheets, organism records, and SRT data). The reviewer will check to package for transcription errors, clarity of observations and notations, initials, and completeness. The reviewer will also compare the test data to the Quality Control standards outlined in Section 12.0 above. Any deficiencies will be addressed and resolved (with appropriate notation) prior to assembling the package for the final report.

19.0 CORRECTIVE ACTIONS FOR OUT-OF-CONTROL DATA
Data that do not meet Quality Control standards will be assessed and a decision will be made whether to reject the test data and deemed "unacceptable" (requiring a repeated test) or "provisionally acceptable" (requiring a qualifier in the final report). An example of and unacceptable test could include one where the controls fail to meet the 90% survival requirement. A designation of a "provisionally acceptable" test might include one where samples were received outside of prescribed holding temperatures or times.

20.0 CONTINGENCIES FOR HANDLING OUT-OF-CONTROL OR UNACCEPTABLE DATA
Analysts experiencing and "out-of-control" event (e.g., test replicate spills, test solutions improperly prepared, test temperatures out of target range, etc.) should note the event on the bench sheet and also notify the Laboratory Manager or Laboratory Director. A decision will be

made by the Laboratory Manager or Laboratory Director as to whether to continue the test (with the appropriate qualifier) or whether to terminate the test. If the test is terminated, the client should be notified so that re-sampling and re-testing can be scheduled as soon as possible.

21.0 WASTE MANAGEMENT

See 17.0 above.

22.0 REFERENCES

The test procedure is based upon the guidelines outlined in EPA/600/4-90/027F, *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms* (4th Ed.). Regional guidelines may require in slight modifications of the test protocol (e.g., solution renewals, test duration, target test temperature).

23.0 TABLES, DIAGRAMS, FLOW CHARTS, AND VALIDATION DATA

Refer to Tables 11 and 12 (pp. 57-60) of EPA/600/4-90/027F and the EPA Statistical Flow Chart, Figure 6 (page 77) of EPA/600/4-90/027F and related discussions within that document.

24.0 TRAINING

Laboratory analysts performing this procedure must receive instruction from a previously trained analyst. Individual parts of the overall procedure may be performed under the guidance of a previously-trained analyst.

To be qualified for the overall procedure outlined in this SOP, the analyst must:

Read this SOP.
Receive verbal and visual instruction.
Be trained on pertinent associated SOPs.

Approvals:

Laboratory Manager:	Date: 1/12/06

Table 1. Test Protocol

PROTOCOL: EPA 2002. *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms*, Methods 2002.0 (*Ceriodaphnia dubia*) and 2021.0 (*Daphnia magna* and *Daphnia pulex*) acute toxicity tests.

1. Test type:	Static, no renewal; or daily renewal
2. Test temperature:	25 ± 1°C (or 20 ± 1°C)
3. Light quality:	Ambient laboratory illumination
4. Photoperiod:	16 hr. light, 8 hr. dark
5. Test chamber size:	30 ml
6. Test solution volume:	25 ml / replicate
7. Renewal of test concentrations:	None if static test, daily if renewal test
8. Age of test organisms:	Less than 24 h
9. No. organisms / test chamber:	5
10. No. of replicate chambers / concentration:	4
11. No. of organisms / concentration:	20
12. Feeding regime:	Feed 0.1 ml of YTC and algal suspension prior to testing. Not fed during test for 48-h tests. Feed 2 hours prior to 48-h (before renewal) for 96-h tests
13. Cleaning:	None
14. Aeration:	None
15. Dilution water:	Receiving Water or laboratory water
16. Test concentrations:	6.25, 12.5, 25, 50, 100% (unless specified otherwise by permit)
17. Laboratory control:	Reconstituted water (soft, moderately hard, or hard)
18. Test duration:	48 h; 96 h
19. Monitoring:	Day 0: temperature, DO, pH, and conductivity. Day 1: temperature. Day 2 (or 4): temperature, DO, pH, and conductivity. Hardness, alkalinity on each new sample. Biological monitoring daily
19. End points:	Survival
20. Reference toxicant test:	Sodium chloride 48-h LC50
21. Test acceptability (Control performance):	90% or greater survival
22. Data interpretation:	LC50 / A-NOEC

APPENDIX 2

Laboratory Reports

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

NPDES Sampling
GE Pittsfield
Toxicity pH

Date: 1/3/06

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

Effluent Composite
Sample # A7026C
Date 1-3-06
Time 1100AM
pH 7.98 su

River/Dilution Water
Sample # A7025R
Date 1-3-06
Time 815AM
pH 7.32 su

Mark Wasnewsky 1-3-06
Signed & Dated

COLUMBIA ANALYTICAL SERVICES

Reported: 01/17/06

General Electric
Project Reference: GE PITTSFIELD NPDES BIOMONITORING - 1/06
Client Sample ID : A7026C

Date Sampled : 01/03/06 11:00 **Order #:** 872129 **Sample Matrix:** WATER
Date Received: 01/04/06 **Submission #:** R2629671

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1	0.0500	0.488	MG/L	01/09/06	13:00	1.0
CHLORIDE	300.0	0.200	402	MG/L	01/11/06	15:03	100.0
TOTAL ORGANIC CARBON	415.1	1.00	5.20	MG/L	01/05/06	14:59	1.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	01/11/06	13:21	1.0
TOTAL SOLIDS	160.3	10.0	1020	MG/L	01/06/06	09:20	1.0
TOTAL SUSPENDED SOLIDS	160.2	1.00	2.26	MG/L	01/05/06	12:30	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 01/17/06

General Electric
Project Reference: GE PITTSFIELD NPDES BIOMONITORING - 1/06
Client Sample ID : A7026CCN

Date Sampled : 01/03/06 11:00 **Order #:** 872127 **Sample Matrix:** WATER
Date Received: 01/04/06 **Submission #:** R2629671

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0496	MG/L	01/06/06	10:40	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 01/17/06

General Electric
Project Reference: GE PITTSFIELD NPDES BIOMONITORING - 1/06
Client Sample ID : A7025RCN

Date Sampled : 01/03/06 08:15 **Order #:** 872126 **Sample Matrix:** WATER
Date Received: 01/04/06 **Submission #:** R2629671

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	01/06/06	10:40	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 01/17/06

General Electric
Project Reference: GE PITTSFIELD NPDES BIOMONITORING - 1/06
Client Sample ID : A7026CDM

Date Sampled : 01/03/06 11:00 **Order #:** 872123 **Sample Matrix:** WATER
Date Received: 01/04/06 **Submission #:** R2629671

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.100	0.100 U	MG/L	01/06/06	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	01/06/06	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	01/06/06	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	01/06/06	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	01/06/06	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	01/06/06	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	01/06/06	1.0
ZINC	200.7	0.0200	0.0203	MG/L	01/06/06	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 01/17/06

General Electric
Project Reference: GE PITTSFIELD NPDES BIOMONITORING - 1/06
Client Sample ID : A7026CTM

Date Sampled : 01/03/06 11:00 **Order #:** 872125 **Sample Matrix:** WATER
Date Received: 01/04/06 **Submission #:** R2629671

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.100	0.100 U	MG/L	01/06/06	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	01/06/06	1.0
CALCIUM	200.7	0.500	88.8	MG/L	01/06/06	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	01/06/06	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	01/06/06	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	01/06/06	1.0
MAGNESIUM	200.7	0.500	33.3	MG/L	01/06/06	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	01/06/06	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	01/06/06	1.0
ZINC	200.7	0.0200	0.0250	MG/L	01/06/06	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 01/17/06

General Electric
Project Reference: GE PITTSFIELD NPDES BIOMONITORING - 1/06
Client Sample ID : A7025RTM

Date Sampled : 01/03/06 08:15 **Order #:** 872124 **Sample Matrix:** WATER
Date Received: 01/04/06 **Submission #:** R2629671

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.100	0.100 U	MG/L	01/06/06	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	01/06/06	1.0
CALCIUM	200.7	0.500	12.8	MG/L	01/06/06	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	01/06/06	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	01/06/06	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	01/06/06	1.0
MAGNESIUM	200.7	0.500	4.50	MG/L	01/06/06	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	01/06/06	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	01/06/06	1.0
ZINC	200.7	0.0200	0.0200 U	MG/L	01/06/06	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 01/17/06

General Electric
Project Reference: GE PITTSFIELD NPDES BIOMONITORING - 1/06
Client Sample ID : A7025R

Date Sampled : 01/03/06 08:15 **Order #:** 872128 **Sample Matrix:** WATER
Date Received: 01/04/06 **Submission #:** R2629671

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1	0.0500	0.192	MG/L	01/09/06	13:00	1.0
CHLORIDE	300.0	0.200	23.9	MG/L	01/06/06	13:43	10.0
TOTAL ORGANIC CARBON	415.1	1.00	3.28	MG/L	01/05/06	13:59	1.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	01/11/06	13:21	1.0
TOTAL SOLIDS	160.3	10.0	99.0	MG/L	01/06/06	09:20	1.0
TOTAL SUSPENDED SOLIDS	160.2	1.00	1.03 U	MG/L	01/05/06	12:30	1.0

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SR #

CAS Contact

Project Name: NPDES Permit	Project Number:
Project Manager: J Nicholson	Report CC:
Company/Address: GE Corp Environmental, 159 Plastics Ave Bldg 59, Pittsfield MA 01201	
Phone #: 413 448 5915	FAX#: 413 448 5935
Sampler's Signature: Mark Wasnewsky	Sampler's Printed Name: MARK WASNEWSKY

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	PRESERVATIVE	GCMS VOA's ☐ 8260 ☐ 624 ☐ CLP	GCMS SVOA's ☐ 8270 ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (3) EPA 200.7 (List in comments below)	METALS, DISSOLVED (3) EPA 200.7 (List in comments below)	O&G EPA 1664	TSS EPA 160.2	BOD EPA 405.1	REMARKS/ ALTERNATE DESCRIPTION
~~601-A7015~~ MW		1-2-06	~~7:15~~ AM	H_2O	6	10							X	X			
64T-A7014			7:15 AM		1								X				
64G-A7017			7:15 AM		1								X				
06C-A7020			8:15 AM		1								X				
EQUIPMENTBLANKJAN06		1-3-06	10:00 AM		1									X			
EQUIPMENTBLANKJAN06			10:00 AM		1										X		
EQUIPMENTBLANKJAN06			10:00 AM		1						X	X					
64G-7031			7:00 AM		3	X											
64G-7032			7:00 AM		1		X										
A7026CDM			11:00 AM		1							X					Filtered + Preserved

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS
(1) Metals - 3 Copper, Lead, Zinc
(2) Metals & Dissolved - Listed on sample bottle label

Samples Packed in Ice

See QAPP ☐

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ 24 hr _____ 48 hr ✓ 5 day
_____ STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
_____ I. Results Only
_____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
_____ III. Results + QC and Calibration Summaries
✓ IV. Data Validation Report with Raw Data
_____ V. Specialized Forms / Custom Report
Edata _____ Yes _____ No

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #:

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

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Mark Wasnewsky	Signature:	Signature:	Signature:	Signature:	Signature:
Printed Name: MARK WASNEWSKY	Printed Name: Gregory D. Esmerian	Printed Name:	Printed Name:	Printed Name:	Printed Name:
Firm: GE	Firm: CAS	Firm:	Firm:	Firm:	Firm:
Date/Time: 1-3-06 2:00 PM	Date/Time: 1-4-06 9:40	Date/Time:	Date/Time:	Date/Time:	Date/Time:

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

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PAGE _____ OF _____

SR #

CAS Contact

Project Name: GNPDES Permit	Project Number:
Project Manager: J Nicholson	Report CC:
Company/Address: GE Corp Environmental 159 Plastics Ave Bldg 59 Pittsfield MA 01201	
Phone #: 413 448 5915	FAX#: 413 448 5935
Sampler's Signature: Mark Waszewsky	Sampler's Printed Name: MARK WASZEWSKY

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

PRESERVATIVE: 2 0 0 4

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☐ 8260 ☐ 624 ☐ CLP	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (10) EPA 200.7 (List in comments below)	METALS, DISSOLVED (List in comments below)	TSS EPA 160.2	Bod EPA 405.1	CYANIDE EPA 335.4	REMARKS/ ALTERNATE DESCRIPTION
005-A7028/A7029		1-3-06	7⁹⁰ AM	H2O	1							X	X	X		
005-A7028/A7029			7⁹⁰ AM													
09B-A7030			8⁰⁰ AM									X	X			
09B-A7030			8⁰⁰ AM													
A7025RTM			8¹⁵ AM							X						
A7026CTM			11⁰⁰ AM							X						
A7026CTMQ			11⁰⁰ AM							X						MATRIX SPIKE
A7025RCN			8¹⁵ AM											X		
A7026CCN			11⁰⁹ AM											X		
A7026CCNQ			11⁰⁹ AM											X		MATRIX SPIKE

SPECIAL INSTRUCTIONS/COMMENTS
Metals (10) Listed on Sample bottle label

Samples Packed in Ice

See QAPP ☐

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ 24 hr _____ 48 hr ✓ 5 day
_____ STANDARD
REQUESTED FAX DATE
_____
REQUESTED REPORT DATE
_____

REPORT REQUIREMENTS
_____ I. Results Only
_____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
_____ III. Results + QC and Calibration Summaries
✓ IV. Data Validation Report with Raw Data
_____ V. Specialized Forms / Custom Report
Edata _____ Yes _____ No

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #:

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

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Mark Waszewsky	Signature:	Signature	Signature	Signature	Signature
Printed Name: MARK WASZEWSKY	Printed Name: Gregory D. Esmerian	Printed Name	Printed Name	Printed Name	Printed Name
Firm: GBG	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time: 1-3-06 2⁰⁰ PM	Date/Time: 1-4-06 9:40	Date/Time	Date/Time	Date/Time	Date/Time

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

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Company/Address: GE Corp Environmental 159 Plastics Ave Bldg 54 Pittsfield MA 01201	
Phone #: 413 448 5915	FAX#: 413 448 5935
Sampler's Signature: Mark Wasnewsky	Sampler's Printed Name: MARK WASNEWSKY

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

PRESERVATIVE: 3 0 0

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☐8260 ☐624 ☐CLP	GC/MS SVOA's ☐8270 ☐625 ☐CLP	GC VOA's ☐8021 ☐601/602	PESTICIDES ☐8081 ☐608 ☐CLP	PCB's ☐8082 ☐608 ☐CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	TOTAL PHOSPHORUS	TOC / AMMONIA(N)	TSS EPA 160.2	CHLORIDE	TOTAL SOLIDS	REMARKS/ ALTERNATE DESCRIPTION
A7025R		1-3-06	8:15 AM	H_2O	1								X					
A7026C			11:00 AM										X					
A7025R			8:15 AM											X				
A7026C			11:00 AM											X				
A7025R			8:15 AM												X			
A7026C			11:00 AM												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 ✓ 5 day
_____ STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
____ I. Results Only
____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
____ III. Results + QC and Calibration Summaries
✓ IV. Data Validation Report with Raw Data
____ V. Specialized Forms / Custom Report
Edata ____ Yes ____ No

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #:

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

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Mark Wasnewsky	Signature:	Signature	Signature	Signature	Signature
Printed Name: MARK WASNEWSKY	Printed Name: Gregory D. Gomerman	Printed Name	Printed Name	Printed Name	Printed Name
Firm: GE	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time: 1-3-06 2:00PM	Date/Time: 1-4-06 9:40	Date/Time	Date/Time	Date/Time	Date/Time

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 1-4-06 by: KE COURIER: CAS UPS (FEDEX) VELOCITY CLIENT

1.	Were custody seals on outside of cooler?	KE 1-4-06 (YES)	(NO)			
2.	Were custody papers properly filled out (ink, signed, etc.)?	(YES)	NO			
3.	Did all bottles arrive in good condition (unbroken)?	(YES)	NO			
4.	Did any VOA vials have significant air bubbles?	YES	(NO)	N/A		
5.	Were **Ice or Ice packs** present?	(YES)	NO			
6.	Where did the bottles originate?	(CAS/ROC)	(CLIENT)			
7.	Temperature of cooler(s) upon receipt:	5°	3°			
	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: 1-4-06 @ 10:12

Thermometer ID: 161 or (IR GUN) Reading From: Temp Blank or (Sample Bottle)

If out of Temperature, Client Approval to Run Samples _____

PC Secondary Review: _____

Cooler Breakdown: Date: _____ by: _____

1.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?	YES	NO
2.	Did all bottle labels and tags agree with custody papers?	YES	NO
3.	Were correct containers used for the tests indicated?	YES	NO
4.	Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated		N/A

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO_3					
2	H_2SO_4					
Residual Chlorine (+/-)	for TCN & Phenol					
5-9**	P/PCBs (608 only)					

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

**If pH adjustment is required, use NaOH and/or H_2SO_4.

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2		

Other Comments:

PC Secondary Review: _____

APPENDIX 3

Chain of Custody Forms

1/3/2006

ACUTE AQUATIC TOXICITY COMPOSITE

Month: JAN
Week: 1
Fiscal Wk: 1
Weather: DRY

	Gallons/Day	Ml in Composite	Percent of Composite
001	142,850	4,502.18	37.52%
004	0	-	0.00%
007	0	-	0.00%
64T	33,550	1,057.39	8.81%
64G	189,870	5,984.10	49.87%
09A	0	-	0.00%
09B	14,479	456.33	3.80%
	380,749	12000	100.00%

The Acute Toxicity Composite was made today by Mark Wasnewsky @ 11^00 AM according to the table above, and given the sample ID# A7026C.

Chain-of-Custody Form Number: ~~0B~~010306
Analysis: AD TOX JAN 2006
Location: 11^60 AM Date: 1-3-06
Sample Label Serial Number A 7026C

Mark Wasnewsky
Signed

1-3-06
Date

Aquatec Biological Sciences

Chain-of-Custody Record

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

COMPANY INFORMATION	COMPANY'S PROJECT INFORMATION	SHIPPING INFORMATION
Name: General Electric Company	Project Name: GE PITTSFIELD	Carrier:
Address: O'Brien & Gere	**Outfall Composite**	
1000 East Street, Gate 64	Project Number: 05069	Airbill Number:
City/State/Zip: Pittsfield, MA 01201	Sampler Name(s): Mark Wasnewsky	
Telephone: (413) 494-6709		Date Shipped: 1-3-06
Facsimile:		
Contact Name: Mark Wasnewsky	Quote #: 10/05 Client Code: COLUMB	Hand Delivered: ☐ Yes ☐ No

SAMPLE IDENTIFICATION	COLLECTION DATE	COLLECTION TIME	GRAB	COMPOSITE	MATRIX	ANALYSIS (detection limits, mg/L)	VOLUME/CONTAINER TYPE/ PRESERVATIVE: NUMBER OF CONTAINERS — 4°C Plastic 1 gal	4°C Plastic 1/2 gal	4°C H_2SO_4 Plastic 1 L	4°C H_2SO_4 Glass 40 ml	4°C Amber Glass 250 ml	4°C HNO_3 Plastic 0.5 L
Outfall Composite A7026C	1-3-06	11:00 AM		✓	Effluent	*Daphnia pulex* 48-h Static Acute Toxicity (EPA Method 2021.0). Log in for A48DPS	1					
Outfall Composite A7026C	↓	11:00 AM		✓	Effluent	Total Residual Chlorine					1	
Housatonic River A7025R		8:15 AM	✓		Receiving	Dilution Water	1					
Housatonic River A7025R	↓	8:15 AM	✓		Receiving	Total Residual Chlorine					1	

Relinquished by: *(signature)*	DATE	TIME	Received by: *(signature)*
Mark Wasnewsky	1-3-06		PEX 4GE Robert R Brewer
Relinquished by: *(signature)*	DATE 11/3/06	TIME 19:35	Received by: *(signature)* Philip C Davey
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: °C. Dechlorinate the effluent sample if chlorine is detected. Subsample for TRC analysis to STL.

Put samples in refrigerator

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SR #

CAS Contact

Project Name: NPDES Permit	Project Number:
Project Manager: J Nicholson	Report CC:
Company/Address: GE Corp Environmental, 159 Plastics Ave Bldg 59, Pittsfield MA 01201	
Phone #: 413 448 5915	FAX#: 413 448 5935
Sampler's Signature: Mark Wasnewsky	Sampler's Printed Name: MARK WASNEWSKY

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

PRESERVATIVE: 1 0 2 2 3 0 0

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☐ 8260	GC/MS SVOA's ☐ 624 ☐ CLP	GC/MS SVOA's ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (3) (List in comments below)	METALS, DISSOLVED (2) (List in comments below)	O&G EPA 1664	TSS EPA 160.2	BOD EPA 405.1	REMARKS/ ALTERNATE DESCRIPTION
~~601-A7015~~ MW		1-2-06	~~7:15 AM~~	H_2O	6								X	X			
64T-A7014			7:15 AM		1								X				
64G-A7017			7:15 AM		1								X				
09C-A7020			8:15 AM		1								X				
EQUIPMENTBLANKJAN06		1-3-06	10:00 AM		1									X			
EQUIPMENTBLANKJAN06			10:00 AM		1										X		
EQUIPMENTBLANKJAN06			10:00 AM		1						X	X					
64G-7031			7:00 AM		3	X											
64G-7032			7:00 AM		1		X										
A7026CDM			11:00 AM		1							X					Filtered + Preserved

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS
(1) Metals - 3 Copper, Lead, Zinc
(2) Metals & Dissolved - Listed on sample bottle label

Samples Packed in Ice

See QAPP ☐

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ 24 hr _____ 48 hr ✓ 5 day
_____ STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
_____ I. Results Only
_____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
_____ III. Results + QC and Calibration Summaries
✓ IV. Data Validation Report with Raw Data
_____ V. Specialized Forms / Custom Report
Edata _____ Yes _____ No

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #:

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

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Mark Wasnewsky	Signature:	Signature:	Signature:	Signature:	Signature:
Printed Name: MARK WASNEWSKY	Printed Name: Gregory D. Esmerian	Printed Name:	Printed Name:	Printed Name:	Printed Name:
Firm: OBG	Firm: CAS	Firm:	Firm:	Firm:	Firm:
Date/Time: 1-3-06 2:00 PM	Date/Time: 1-4-06 9:40	Date/Time:	Date/Time:	Date/Time:	Date/Time:

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

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

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

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

SR #

CAS Contact

Project Name: GNPDES Permit	Project Number:
Project Manager: J Nicholson	Report CC:
Company/Address: GE Corp Environmental 159 Plastics Ave Bldg 59 Pittsfield MA 01201	
Phone #: 413 448 5915	FAX#: 413 448 5935
Sampler's Signature: Mark Wasnewsky	Sampler's Printed Name: MARK WASNEWSKY

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

PRESERVATIVE: 2 0 0 4

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's 8260 624 CLP	GC/MS SVOA's 8270 625 CLP	GC VOA's 8021 601/602	PESTICIDES 8081 608 CLP	PCB's 8082 608 CLP	METALS, TOTAL (16) EPA 200.7 (List in comments below)	METALS, DISSOLVED (List in comments below)	TSS EPA 160.2	BOD EPA 405.1	CYANIDE EPA 335.4	REMARKS/ ALTERNATE DESCRIPTION
005-A7028/A7029		1-3-06	7AM	H2O	1								X			
005-A7028/A7029			7AM											X		
09B-A7030			8AM										X			
09B-A7030			8AM											X		
A7025RTM			8AM							X						
A7026CTM			11AM							X						
A7026CTMQ			11AM							X						MATRIX SPIKE
A7025RCN			8AM											X		
A7026CCN			11AM											X		
A7026CCNQ			11AM											X		MATRIX SPIKE

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) Listed on Sample bottle label

Samples Packed in Ice

See QAPP ☐

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ 24 hr _____ 48 hr ✓ 5 day
_____ STANDARD
REQUESTED FAX DATE
_____
REQUESTED REPORT DATE
_____

REPORT REQUIREMENTS
_____ I. Results Only
_____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
_____ III. Results + QC and Calibration Summaries
✓ IV. Data Validation Report with Raw Data
_____ V. Specialized Forms / Custom Report
Edata _____ Yes _____ No

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #:

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

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Mark Wasnewsky	Signature:	Signature	Signature	Signature	Signature
Printed Name: MARK WASNEWSKY	Printed Name: Grigory G. Esmerian	Printed Name	Printed Name	Printed Name	Printed Name
Firm: GE	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time: 1-3-06 20:00 PM	Date/Time: 1-4-06 9:40	Date/Time	Date/Time	Date/Time	Date/Time

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

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SR #

CAS Contact

Project Name: NPDES Permit	Project Number:
Project Manager: J Nicholson	Report CC:
Company/Address: GE Corp Environmental, 159 Plastics Ave Bldg 54, Pittsfield MA 01201	
Phone #: 413 448 5915	FAX#: 413 448 5935
Sampler's Signature: Mark Waszkewsky	Sampler's Printed Name: MARK WASZKEWSKY

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

PRESERVATIVE: 3 0 0

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's 8260 624 CLP	GC/MS SVOA's 8270 625 CLP	GC VOA's 8021 601/602	PESTICIDES 8081 608 CLP	PCB's 8082 608 CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	TOTAL PHOSPHORUS	TSS EPA 160.2, AMMONIA AS N	CHLORIDE, TOTAL SOLIDS	REMARKS/ ALTERNATE DESCRIPTION
A7025R		1-3-06	8:15 AM	H_2O	1							X				
A7026C			11:00 AM									X				
A7025R			8:15 AM										X			
A7026C			11:00 AM										X			
A7025R			8:15 AM											X		
A7026C			11:00 AM											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 ✓ 5 day
_____ STANDARD
REQUESTED FAX DATE
_____
REQUESTED REPORT DATE
_____

REPORT REQUIREMENTS
_____ I. Results Only
_____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
_____ III. Results + QC and Calibration Summaries
✓ IV. Data Validation Report with Raw Data
_____ V. Specialized Forms / Custom Report
Edata _____ Yes _____ No

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #:

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

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Mark Waszkewsky	Signature:	Signature	Signature	Signature	Signature
Printed Name: MARK WASZKEWSKY	Printed Name: GREGORY D. GOMEAU	Printed Name	Printed Name	Printed Name	Printed Name
Firm: GE	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time: 1-3-06 2:00PM	Date/Time: 1-4-06 9:40	Date/Time	Date/Time	Date/Time	Date/Time

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 1-4-06 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:	5°	3°			
	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: 1-4-06 @ 10:12

Thermometer ID: 161 or (IR GUN) Reading From: Temp Blank or (Sample Bottle)

If out of Temperature, Client Approval to Run Samples _____

PC Secondary Review: _____

Cooler Breakdown: Date: _____ by: _____

1.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?	YES	NO
2.	Did all bottle labels and tags agree with custody papers?	YES	NO
3.	Were correct containers used for the tests indicated?	YES	NO
4.	Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated		N/A

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO_3					
2	H_2SO_4					
Residual Chlorine (+/-)	for TCN & Phenol					
5-9**	P/PCBs (608 only)					

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

**If pH adjustment is required, use NaOH and/or H_2SO_4.

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2		

Other Comments:

PC Secondary Review: _____