GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

Transmitted via Overnight Courier

November 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 October 2006 (GECD900)

Dear Mr. Tagliaferro and Ms. Steenstrup:

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

Richard W. Gates/JHP

Richard W. Gates
Remediation Project Manager

Enclosure
V:\GE_Pittsfield_General\Reports and Presentations\Monthly Reports\2006\10-06 CD Monthly\Letter.doc

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

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

October 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)
OCTOBER 2006

a. Activities Undertaken/Completed

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

b. Sampling/Test Results Received

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

- NPDES Discharge Monitoring Reports (DMRs) for the period of September 1 through September 30, 2006, are provided in Attachment B to this report.

- GE received a report from Columbia Analytical Services, Inc. (CAS) titled *NPDES Biomonitoring Report for October 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 October 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 Citizens Coordinating Council (CCC) meetings, as appropriate.

- Submit revised *Project Operations Plan* (POP) following receipt of EPA comments on February 2006 draft.*

- Submit revised *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP) following receipt of EPA comments on February 2006 draft.*

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)
OCTOBER 2006

a. Activities Undertaken/Completed

- Completed above-grade demolition activities at Building 32 Substation and initiated site restoration activities.

- Completed installation of the vegetative cover and site restoration and landscaping activities associated with the temporary crushed materials stockpile at the 40s Complex, including the activities specified by EPA in its September 14, 2006 conditional approval letter.*

- Conducted air monitoring for particulates for the above-mentioned activities at the 40s Complex, as identified in Table 1-1.

- Initiated work on drafting Grant of Environmental Restriction and Easement (ERE) for the 40s Complex and preparation of associated survey plans.*

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Complete final site restoration activities at the former Building 32 Substation area.

- Conduct annual inspections of 20s and 30s Complexes to assess compliance with EREs.*

- Conduct initial inspection of the temporary crushed materials stockpile at the 40s Complex.*

- Continue to work on drafting and development of survey plans for ERE for the 40s Complex.*

- At the request of the Pittsfield Economic Development Authority (PEDA), develop and submit an additional sampling plan for the 40s Complex to support certain ERE provisions.*

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

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

As noted above, it is currently anticipated that, at PEDA's request, an additional sampling plan will be submitted for the 40s Complex to support certain ERE provisions.*

f. Proposed/Approved Work Plan Modifications

None

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
40's Complex Glycol/Water Sampling	A2729-1	9/22/06	Liquid	SGS	PCB	10/10/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	10/5/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	10/5/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	10/5/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	10/5/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	Background Location	10/5/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	10/6/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	10/6/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	10/6/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	10/6/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	Background Location	10/6/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	10/9/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	10/9/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	10/9/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	10/9/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Background Location	10/9/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	10/10/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	10/10/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	10/10/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	10/10/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Background Location	10/10/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	10/11/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	10/11/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	10/11/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	10/11/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Background Location	10/11/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	10/12/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	10/12/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	10/12/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	10/12/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Background Location	10/12/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	10/13/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	10/13/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	10/13/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	10/13/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Background Location	10/13/06	Air	Berkshire Environmental	Particulate Matter	10/16/06

TABLE 1-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING OCTOBER 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	10/16/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	10/16/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	10/16/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	10/16/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Background Location	10/16/06	Air	Berkshire Environmental	Particulate Matter	10/23/06

TABLE 1-2
PCB DATA RECEIVED DURING OCTOBER 2006

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

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
A2729-1	9/22/2006	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0015)	ND(0.0015)	0.0057	ND(0.0015)	0.0057

Notes:
1. Sample was collected by BBL, an ARCADIS company (BBL), and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

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

40s COMPLEX TEMPORARY STOCKPILE RESTORATION
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
10/05/06	W3 - West of 40s Complex	0.007*	0.004*	10:30	NNW
	MC3 - Near Bldg. 16 & 19	0.005*		11:15	
	M2 - South of Bldg. 5	0.004*		10:30	
	S2 - Woodlawn Avenue	0.004*		11:00	
10/06/06	W3 - West of 40s Complex	0.008*	0.005*	10:00	ENE
	MC3 - Near Bldg. 16 & 19	0.004*		10:00	
	M2 - South of Bldg. 5	0.005*		10:00	
	S2 - Woodlawn Avenue	0.003*		10:15	
10/09/06	W3 - West of 40s Complex	0.012*	0.010*	10:30	WNW
	MC3 - Near Bldg. 16 & 19	0.014*		8:30[3]	
	M2 - South of Bldg. 5	0.018*		10:30	
	S2 - Woodlawn Avenue	0.012*		10:30	
10/10/06	W3 - West of 40s Complex	0.019*	0.014*	11:00	Calm
	MC3 - Near Bldg. 16 & 19	0.031*		10:45	
	M2 - South of Bldg. 5	0.004*		8:30[3]	
	S2 - Woodlawn Avenue	0.021*		10:30	
10/11/06	W3 - West of 40s Complex	0.012*	0.006*	10:45	Variable
	MC3 - Near Bldg. 16 & 19	0.011*		11:00	
	M2 - South of Bldg. 5	0.013*		10:45	
	S2 - Woodlawn Avenue	0.011*		11:00	
10/12/06	W3 - West of 40s Complex	0.017*	0.009*	11:00	Calm
	MC3 - Near Bldg. 16 & 19	0.010*		11:00	
	M2 - South of Bldg. 5	0.010*		11:00	
	S2 - Woodlawn Avenue	0.014*		10:45	
10/13/06	W3 - West of 40s Complex	0.008*	0.006*	11:15	SSW
	MC3 - Near Bldg. 16 & 19	0.006*		11:15	
	M2 - South of Bldg. 5	0.006*		11:15	
	S2 - Woodlawn Avenue	0.005*		11:15	
10/16/06	W3 - West of 40s Complex	0.014*	0.010*	10:45	SSW
	MC3 - Near Bldg. 16 & 19	0.014*		10:30	
	M2 - South of Bldg. 5	0.015*		10:45	
	S2 - Woodlawn Avenue	0.013*		10:45	
Notification Level		0.120			

Notes:

Project completed October 16, 2006.

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

40s Complex activities completed October 16, 2006.

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

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

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

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

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

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

a. Activities Undertaken/Completed

- Conducted drum sampling at Building 78 of well development water generated from the installation/purging of monitoring wells GMA1-22, -23, -24, and -MW95-4, as identified in Table 2-1.

- Collected and tankered approximately 11,000 gallons of water from the 64Z oil/water separator cleanout to Building 64G for treatment.

- Conducted wipe sampling of equipment used in association with oil/water separator cleanout, as identified in Table 2-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

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

- Conduct annual inspection of cover at City Recreational Area.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

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

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
64Z Oil/Water Separator Sediment Sampling	64Z-1-3	9/18/06	0-0.8	Sediment	Columbia	TCLP-Benzene	10/4/06
64Z Oil/Water Separator Sediment Sampling	64Z-2-3	9/18/06	0-0.2	Sediment	Columbia	TCLP-Benzene	10/4/06
64Z Oil/Water Separator Sediment Sampling	64Z-3-3	9/18/06	0-0.2	Sediment	Columbia	TCLP-Benzene	10/4/06
64Z Oil/Water Separator Sediment Sampling	64Z-4-3	9/18/06	0-0.2	Sediment	Columbia	TCLP-Benzene	10/4/06
64Z Oil/Water Separator Sediment Sampling	64Z-5-3	9/18/06	0-0.1	Sediment	Columbia	TCLP-Benzene	10/4/06
Building 64G LPCA Monitoring	I6-64G-01	9/26/06	NA	Water	Columbia	VOC	10/5/06
Building 64G LPCA Monitoring	I6-64G-02	9/26/06	NA	Water	Columbia	SVOC	10/5/06
Building 64G LPCA Monitoring	I6-64G-03	9/26/06	NA	Water	Accutest	PCB	10/10/06
Building 64G LPCA Monitoring	I6-64G-04	9/26/06	NA	Water	Columbia	Oil & Grease	10/5/06
Building 64G LPCA Monitoring	I6-64G-05	9/26/06	NA	Water	Columbia	VOC	10/5/06
Building 64G LPCA Monitoring	I6-64G-06	9/26/06	NA	Water	Columbia	SVOC	10/5/06
Building 64G LPCA Monitoring	I6-64G-07	9/26/06	NA	Water	Accutest	PCB	10/10/06
Building 64G LPCA Monitoring	I6-64G-08	9/26/06	NA	Water	Columbia	Oil & Grease	10/5/06
Building 64G LPCA Monitoring	I6-64G-09	9/26/06	NA	Water	Columbia	VOC	10/5/06
Building 64G LPCA Monitoring	I6-64G-10	9/26/06	NA	Water	Columbia	SVOC	10/5/06
Building 64G LPCA Monitoring	I6-64G-11	9/26/06	NA	Water	Accutest	PCB	10/10/06
Building 64G LPCA Monitoring	I6-64G-12	9/26/06	NA	Water	Columbia	Oil & Grease	10/5/06
Building 64G LPCA Monitoring	I6-64G-13	9/26/06	NA	Water	Columbia	VOC	10/5/06
Building 64G LPCA Monitoring	I6-64G-14	9/26/06	NA	Water	Columbia	SVOC	10/5/06
Building 64G LPCA Monitoring	I6-64G-15	9/26/06	NA	Water	Accutest	PCB	10/10/06
Building 64G LPCA Monitoring	I6-64G-16	9/26/06	NA	Water	Columbia	Oil & Grease	10/5/06
Building 64T Compressor Oil Sampling	64T-Com-Oil-1	9/22/06	NA	Oil	SGS	PCB	10/4/06
Building 64X Compressor Oil Sampling	C1388-1	9/23/06	NA	Oil	SGS	PCB	10/4/06
Building 78 Drum Sampling	A3091-1	10/13/06	NA	Liquid	SGS	PCB, VOC, SVOC, Total Metals (8)	
Building 78 Drum Sampling	B1492-1	10/13/06	NA	Liquid	SGS	PCB, VOC, SVOC, Total Metals (8)	
Building 78 Drum Sampling	B1493-1	10/13/06	NA	Liquid	SGS	PCB, VOC, SVOC, Total Metals (8)	
Building 78 Drum Sampling	B1494-1	10/13/06	NA	Liquid	SGS	PCB, VOC, SVOC, Total Metals (8)	
Oil/Water Separator Vac Truck Wipe Sampling	VAC-499-W1	10/23/06	NA	Wipe	SGS	PCB	10/25/06
Oil/Water Separator Vac Truck Wipe Sampling	VAC-499-W2	10/23/06	NA	Wipe	SGS	PCB	10/25/06
Oil/Water Separator Vac Truck Wipe Sampling	VAC-499-W3	10/23/06	NA	Wipe	SGS	PCB	10/25/06
Oil/Water Separator Vac Truck Wipe Sampling	VAC-499-W4	10/23/06	NA	Wipe	SGS	PCB	10/25/06
Oil/Water Separator Vac Truck Wipe Sampling	VAC-499-W5	10/23/06	NA	Wipe	SGS	PCB	10/25/06
Oil/Water Separator Vac Truck Wipe Sampling	VAC-499-W6	10/23/06	NA	Wipe	SGS	PCB	10/25/06
Separator Clean-Out Backhoe Bucket Wipe Sampling	Cat-Bkt-W1	10/30/06	NA	Wipe	SGS	PCB	
Separator Clean-Out Backhoe Bucket Wipe Sampling	Cat-Bkt-W2	10/30/06	NA	Wipe	SGS	PCB	
Separator Clean-Out Backhoe Bucket Wipe Sampling	Cat-Bkt-W3	10/30/06	NA	Wipe	SGS	PCB	

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

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Separator Clean-Out Roll-Off Wipe Sampling	RO-21722-W1	10/30/06	NA	Wipe	SGS	PCB	
Separator Clean-Out Roll-Off Wipe Sampling	RO-21722-W2	10/30/06	NA	Wipe	SGS	PCB	
Separator Clean-Out Roll-Off Wipe Sampling	RO-21722-W3	10/30/06	NA	Wipe	SGS	PCB	
Separator Clean-Out Roll-Off Wipe Sampling	RO-21722-W4	10/30/06	NA	Wipe	SGS	PCB	
Separator Clean-Out Roll-Off Wipe Sampling	RO-21722-W5	10/30/06	NA	Wipe	SGS	PCB	
Separator Clean-Out Roll-Off Wipe Sampling	RO-21722-W6	10/30/06	NA	Wipe	SGS	PCB	
Separator Clean-Out Roll-Off Wipe Sampling	RO-25330-W1	10/30/06	NA	Wipe	SGS	PCB	
Separator Clean-Out Roll-Off Wipe Sampling	RO-25330-W2	10/30/06	NA	Wipe	SGS	PCB	
Separator Clean-Out Roll-Off Wipe Sampling	RO-25330-W3	10/30/06	NA	Wipe	SGS	PCB	
Separator Clean-Out Roll-Off Wipe Sampling	RO-25330-W4	10/30/06	NA	Wipe	SGS	PCB	
Separator Clean-Out Roll-Off Wipe Sampling	RO-25330-W5	10/30/06	NA	Wipe	SGS	PCB	
Separator Clean-Out Roll-Off Wipe Sampling	RO-25330-W6	10/30/06	NA	Wipe	SGS	PCB	

TABLE 2-2
TCLP DATA RECEIVED DURING OCTOBER 2006

64Z OIL/WATER SEPARATOR SEDIMENT SAMPLING
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	TCLP Regulatory Limits	64Z-1-3 0-0.8 9/18/2006	64Z-2-3 0-0.2 9/18/2006	64Z-3-3 0-0.2 9/18/2006	64Z-4-3 0-0.2 9/18/2006	64Z-5-3 0-0.1 9/18/2006
Volatile Organics							
Benzene		0.5	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)

Notes:
1. Samples were collected by BBL, an ARCADIS company (BBL), and submitted to Columbia Analytical Services, Inc. for analysis of TCLP Benzene.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

TABLE 2-3
PCB DATA RECEIVED DURING OCTOBER 2006

BUILDINGS 64T AND 64X COMPRESSOR OIL SAMPLING
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
C1388-1	9/23/2006	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)
64T-Com-Oil-1	9/22/2006	ND(0.90)	ND(0.90)	ND(0.90)	ND(0.90)	ND(0.90)	ND(0.90)	ND(0.90)	ND(0.90)

Notes:
1. Samples were collected by BBL, an ARCADIS company (BBL), and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

TABLE 2-4
DATA RECEIVED DURING OCTOBER 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:	I6-64G-01 09/26/06	I6-64G-02 09/26/06	I6-64G-03 09/26/06	I6-64G-04 09/26/06	I6-64G-05 09/26/06	I6-64G-06 09/26/06	I6-64G-07 09/26/06	I6-64G-08 09/26/06	I6-64G-09 09/26/06
Volatile Organics									
1,1,1-Trichloroethane	0.0023	NA	NA	NA	0.0023	NA	NA	NA	0.0022
1,1-Dichloroethane	0.0017	NA	NA	NA	0.0019	NA	NA	NA	0.0023
Benzene	0.034	NA	NA	NA	ND(0.00021)	NA	NA	NA	ND(0.00021)
Chlorobenzene	0.14	NA	NA	NA	0.00041	NA	NA	NA	ND(0.00022)
Chloroethane	0.00074	NA	NA	NA	0.00067	NA	NA	NA	0.00065
Chloroform	ND(0.00026)	NA	NA	NA	0.00032	NA	NA	NA	0.00071
Ethylbenzene	0.048	NA	NA	NA	ND(0.00035)	NA	NA	NA	ND(0.00035)
Toluene	0.0022	NA	NA	NA	ND(0.00028)	NA	NA	NA	ND(0.00028)
Vinyl Chloride	0.0032	NA	NA	NA	0.0015	NA	NA	NA	0.0011
PCBs-Unfiltered									
None Detected	NA	NA	--	NA	NA	NA	--	NA	NA
Semivolatile Organics									
1,2,4-Trichlorobenzene	NA	0.0020 J	NA	NA	NA	ND(0.0053)	NA	NA	NA
1,3-Dichlorobenzene	NA	0.0034 J	NA	NA	NA	ND(0.0053)	NA	NA	NA
1,4-Dichlorobenzene	NA	0.0076	NA	NA	NA	ND(0.0053)	NA	NA	NA
2,4-Dimethylphenol	NA	0.0018 J	NA	NA	NA	ND(0.0053)	NA	NA	NA
Acenaphthene	NA	0.039	NA	NA	NA	ND(0.0053)	NA	NA	NA
Anthracene	NA	0.0014 J	NA	NA	NA	ND(0.0053)	NA	NA	NA
Di-n-Butylphthalate	NA	ND(0.0052)	NA	NA	NA	0.0013 J	NA	NA	NA
Fluoranthene	NA	0.0018 J	NA	NA	NA	ND(0.0053)	NA	NA	NA
Fluorene	NA	0.0045 J	NA	NA	NA	ND(0.0053)	NA	NA	NA
Naphthalene	NA	0.0018 J	NA	NA	NA	ND(0.0053)	NA	NA	NA
Pyrene	NA	0.0020 J	NA	NA	NA	ND(0.0053)	NA	NA	NA
Conventionals									
Oil & Grease	NA	NA	NA	ND(5.3)	NA	NA	NA	ND(5.2)	NA

TABLE 2-4
DATA RECEIVED DURING OCTOBER 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:	I6-64G-10 09/26/06	I6-64G-11 09/26/06	I6-64G-12 09/26/06	I6-64G-13 09/26/06	I6-64G-14 09/26/06	I6-64G-15 09/26/06	I6-64G-16 09/26/06
Volatile Organics							
1,1,1-Trichloroethane	NA	NA	NA	0.0015	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	0.0022	NA	NA	NA
Benzene	NA	NA	NA	ND(0.00021)	NA	NA	NA
Chlorobenzene	NA	NA	NA	ND(0.00022)	NA	NA	NA
Chloroethane	NA	NA	NA	0.00077	NA	NA	NA
Chloroform	NA	NA	NA	0.00059	NA	NA	NA
Ethylbenzene	NA	NA	NA	ND(0.00035)	NA	NA	NA
Toluene	NA	NA	NA	ND(0.00028)	NA	NA	NA
Vinyl Chloride	NA	NA	NA	0.00065	NA	NA	NA
PCBs-Unfiltered							
None Detected	NA	--	NA	NA	NA	--	NA
Semivolatile Organics							
1,2,4-Trichlorobenzene	ND(0.0052)	NA	NA	NA	ND(0.0053)	NA	NA
1,3-Dichlorobenzene	ND(0.0052)	NA	NA	NA	ND(0.0053)	NA	NA
1,4-Dichlorobenzene	ND(0.0052)	NA	NA	NA	ND(0.0053)	NA	NA
2,4-Dimethylphenol	ND(0.0052)	NA	NA	NA	ND(0.0053)	NA	NA
Acenaphthene	ND(0.0052)	NA	NA	NA	ND(0.0053)	NA	NA
Anthracene	ND(0.0052)	NA	NA	NA	ND(0.0053)	NA	NA
Di-n-Butylphthalate	ND(0.0052)	NA	NA	NA	0.0012 J	NA	NA
Fluoranthene	ND(0.0052)	NA	NA	NA	ND(0.0053)	NA	NA
Fluorene	ND(0.0052)	NA	NA	NA	ND(0.0053)	NA	NA
Naphthalene	ND(0.0052)	NA	NA	NA	ND(0.0053)	NA	NA
Pyrene	ND(0.0052)	NA	NA	NA	ND(0.0053)	NA	NA
Conventionals							
Oil & Grease	NA	NA	ND(7.5)	NA	NA	NA	ND(5.2)

Notes:
1. Samples were collected by General Electric Company and submitted to Accutest Laboratories and Columbia Analytical 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.
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 2-5
PCB DATA RECEIVED DURING OCTOBER 2006

OIL/WATER SEPARATOR VAC TRUCK WIPE SAMPLING
EAST STREET AREA 2 - SOUTH
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
Vac-499-W1	10/23/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Vac-499-W2	10/23/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1.8	1.8
Vac-499-W3	10/23/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1.2	1.2
Vac-499-W4	10/23/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Vac-499-W5	10/23/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	2.6	2.6
Vac-499-W6	10/23/2006	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 BBL, an ARCADIS company (BBL), and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

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

a. Activities Undertaken/Completed

- Sent Request for Proposal (RFP) for the performance of equipment and liquids removal activities at Buildings 11, 16, and 16X to potential contractors.

- Collected and tankered approximately 24,000 gallons of water from Building 9 to Building 64G for treatment.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Schedule initiation of demolition activities associated with Buildings 7, 17, 17C, and 19 following final EPA approval of demolition debris disposition.

- Initiate equipment and liquids removal activities at Buildings 11, 16, and 16X.

- Send RFP for asbestos removal activities at Buildings 11, 16, and 16X to potential contractors.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

Received a letter from EPA in response to GE's September 25, 2006 notification letter regarding the sampling of oil from piping removed from an underground tunnel location adjacent to former Building 5 (October 19, 2006).

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Building 17 Vault Sand Sampling	17-Vault-1	9/25/06	Soil	SGS	PCB, TCLP	10/11/06
Building 19 Glycol/Water Sampling	B1473-1	9/22/06	Liquid	SGS	PCB	10/10/06

TABLE 3-2
PCB DATA RECEIVED DURING OCTOBER 2006

BUILDING 19 GLYCOL/WATER SAMPLING
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
B1473-1	9/22/2006	ND(0.00030)	ND(0.00030)	ND(0.00030)	0.00087	ND(0.00030)	ND(0.00030)	ND(0.00030)	0.00087

Notes:
1. Sample was collected by BBL, an ARCADIS company (BBL), and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

TABLE 3-3
PCB DATA RECEIVED DURING OCTOBER 2006

BUILDING 17 VAULT SAND SAMPLING
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
17-Vault-1	9/25/2006	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	0.31	0.31

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

TABLE 3-4
TCLP DATA RECEIVED DURING OCTOBER 2006

BUILDING 17 VAULT SAND SAMPLING
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	17-Vault-1 9/25/2006
Volatile Organics		
1,1-Dichloroethene	0.7	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)
2-Butanone	200	ND(0.25)
Benzene	0.5	ND(0.010)
Carbon Tetrachloride	0.5	ND(0.010)
Chlorobenzene	100	0.0021 J
Chloroform	6	ND(0.010)
Tetrachloroethene	0.7	ND(0.010)
Trichloroethene	0.5	ND(0.010)
Vinyl Chloride	0.2	ND(0.010)
Semivolatile Organics		
1,4-Dichlorobenzene	7.5	ND(0.010)
2,4,5-Trichlorophenol	400	ND(0.010)
2,4,6-Trichlorophenol	2	ND(0.010)
2,4-Dinitrotoluene	0.13	ND(0.010)
Cresol	200	ND(0.010)
Hexachlorobenzene	0.13	ND(0.010)
Hexachlorobutadiene	0.5	ND(0.010)
Hexachloroethane	3	ND(0.010)
Nitrobenzene	2	ND(0.010)
Pentachlorophenol	100	ND(0.050)
Pyridine	5	ND(0.010)
Inorganics		
Arsenic	5	ND(0.200)
Barium	100	1.42 B
Cadmium	1	0.0317 B
Chromium	5	0.0245 B
Lead	5	ND(0.100)
Mercury	0.2	ND(0.000570)
Selenium	1	ND(0.200)
Silver	5	ND(0.100)

Notes:

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

Organics (volatiles, semivolatiles)

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

Inorganics

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

ITEM 4
PLANT AREA
EAST STREET AREA 1-NORTH
(GECD130)
OCTOBER 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)

Conduct annual determination of any change in ownership of properties with Conditional Solutions, and conduct annual inspection of those properties.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

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

a. Activities Undertaken/Completed

- Placed remaining excavated material from Oxbows A and C into Hill 78 OPCA from building staging areas.
- Consolidated building demolition materials from Building 32 Substation into the Hill 78 OPCA.
- Continued Phase II final cover construction for Building 71 OPCA.
- Conducted air monitoring for particulates and PCBs, as identified in Table 5-1.
- Conducted wipe sampling of equipment used in association with grading of consolidated materials in Building 71 OPCA, as identified in Table 5-1.
- Continued transfer of leachate from Building 71 OPCA to Building 64G for treatment. The total amount transferred in October 2006 was 78,000 gallons (see Table 5-8).
- Initiated performance of maintenance items identified during the September 8, 2006 semi-annual inspection of capped portion of Building 71 OPCA.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted report presenting results of semi-annual inspection of capped portion of Building 71 OPCA (October 17, 2006).
- Submitted plan to address the blockage within the storm sewer line located beneath the Hill 78 OPCA (October 20, 2006).

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

- Continue consolidation activities at Hill 78 OPCA.
- Continue Phase II final cover construction for Building 71 OPCA.

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

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

- Continue addressing maintenance items identified during semi-annual inspection of capped portion of Building 71 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 OCTOBER 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	JDEERE-BUCKET-W1	10/11/06	Wipe	SGS	PCB	10/13/06
Building 71 OPCA - John Deere 230LC Excavator Sampling	JDEERE-BUCKET-W2	10/11/06	Wipe	SGS	PCB	10/13/06
Building 71 OPCA - John Deere 230LC Excavator Sampling	JDEERE-BUCKET-W3	10/11/06	Wipe	SGS	PCB	10/13/06
Building 71 OPCA - John Deere 230LC Excavator Sampling	JDEERE-LTRACK-W1	10/11/06	Wipe	SGS	PCB	10/13/06
Building 71 OPCA - John Deere 230LC Excavator Sampling	JDEERE-LTRACK-W2	10/11/06	Wipe	SGS	PCB	10/13/06
Building 71 OPCA - John Deere 230LC Excavator Sampling	JDEERE-LTRACK-W3	10/11/06	Wipe	SGS	PCB	10/13/06
Building 71 OPCA - John Deere 230LC Excavator Sampling	JDEERE-RTRACK-W1	10/11/06	Wipe	SGS	PCB	10/13/06
Building 71 OPCA - John Deere 230LC Excavator Sampling	JDEERE-RTRACK-W2	10/11/06	Wipe	SGS	PCB	10/13/06
Building 71 OPCA - John Deere 230LC Excavator Sampling	JDEERE-RTRACK-W3	10/11/06	Wipe	SGS	PCB	10/13/06
Building 71 OPCA Flat Drum Roller Wipe Sampling	71DRUMROLLER-W1	9/28/06	Wipe	SGS	PCB	10/4/06
Building 71 OPCA Flat Drum Roller Wipe Sampling	71DRUMROLLER-W2	9/28/06	Wipe	SGS	PCB	10/4/06
Building 71 OPCA Flat Drum Roller Wipe Sampling	71DRUMROLLER-W3	9/28/06	Wipe	SGS	PCB	10/4/06
Building 71 OPCA Flat Drum Roller Wipe Sampling	71DRUMROLLER-W4	9/28/06	Wipe	SGS	PCB	10/4/06
Building 71 OPCA Flat Drum Roller Wipe Sampling	71DRUMROLLER-W5	9/28/06	Wipe	SGS	PCB	10/4/06
Building 71 OPCA Flat Drum Roller Wipe Sampling	71DRUMROLLER-W6	9/28/06	Wipe	SGS	PCB	10/4/06
Building 71 OPCA Flat Drum Roller Wipe Sampling	71DRUMROLLER-W7	9/28/06	Wipe	SGS	PCB	10/4/06
Gate 25 Excavation Bucket Sampling	GATE25-BUCKET-W1	10/12/06	Wipe	SGS	PCB	10/19/06
Gate 25 Excavation Bucket Sampling	GATE25-BUCKET-W2	10/12/06	Wipe	SGS	PCB	10/19/06
Gate 25 Excavation Bucket Sampling	GATE25-BUCKET-W3	10/12/06	Wipe	SGS	PCB	10/19/06
Samsung 210 Excavator Re-Sampling	SAMSUNG-CAB-W1-R1	10/12/06	Wipe	SGS	PCB	10/23/06
Samsung 210 Excavator Re-Sampling	SAMSUNG-CAB-W2-R1	10/12/06	Wipe	SGS	PCB	10/23/06
Samsung 210 Excavator Re-Sampling	SAMSUNG-CAB-W3-R1	10/12/06	Wipe	SGS	PCB	10/23/06
Samsung 210 Excavator Re-Sampling	SAMSUNG-LTRACK-W1-R1	10/12/06	Wipe	SGS	PCB	10/23/06
Samsung 210 Excavator Re-Sampling	SAMSUNG-LTRACK-W2-R1	10/12/06	Wipe	SGS	PCB	10/23/06
Samsung 210 Excavator Re-Sampling	SAMSUNG-LTRACK-W3-R1	10/12/06	Wipe	SGS	PCB	10/23/06
Samsung 210 Excavator Re-Sampling	SAMSUNG-RTRACK-W1-R1	10/12/06	Wipe	SGS	PCB	10/23/06
Samsung 210 Excavator Re-Sampling	SAMSUNG-RTRACK-W2-R1	10/12/06	Wipe	SGS	PCB	10/23/06
Samsung 210 Excavator Re-Sampling	SAMSUNG-RTRACK-W3-R1	10/12/06	Wipe	SGS	PCB	10/23/06
Ambient Air Particulate Matter Sampling	North of OPCAs	10/2/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	10/2/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	10/2/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	10/2/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	West of OPCAs	10/2/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	Background Location	10/2/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	North of OPCAs	10/3/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	10/3/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	10/3/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	10/3/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	West of OPCAs	10/3/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	Background Location	10/3/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	North of OPCAs	10/4/06	Air	Berkshire Environmental	Particulate Matter	10/9/06

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	10/4/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	10/4/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	10/4/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	West of OPCAs	10/4/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	Background Location	10/4/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	North of OPCAs	10/5/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	10/5/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	10/5/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	10/5/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	West of OPCAs	10/5/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	Background Location	10/5/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	North of OPCAs	10/6/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	10/6/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	10/6/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	10/6/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	West of OPCAs	10/6/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	Background Location	10/6/06	Air	Berkshire Environmental	Particulate Matter	10/9/06
Ambient Air Particulate Matter Sampling	North of OPCAs	10/9/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	10/9/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	10/9/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	10/9/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	West of OPCAs	10/9/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Background Location	10/9/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	North of OPCAs	10/10/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	10/10/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	10/10/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	10/10/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	West of OPCAs	10/10/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Background Location	10/10/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	North of OPCAs	10/11/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	10/11/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	10/11/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	10/11/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	West of OPCAs	10/11/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Background Location	10/11/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	North of OPCAs	10/12/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	10/12/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	10/12/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	10/12/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	West of OPCAs	10/12/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Background Location	10/12/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	North of OPCAs	10/13/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	10/13/06	Air	Berkshire Environmental	Particulate Matter	10/16/06

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	10/13/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	10/13/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	West of OPCAs	10/13/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Background Location	10/13/06	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	North of OPCAs	10/16/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	10/16/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	10/16/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	10/16/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	West of OPCAs	10/16/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Background Location	10/16/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	North of OPCAs	10/17/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	10/17/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	10/17/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	10/17/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	West of OPCAs	10/17/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Background Location	10/17/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	North of OPCAs	10/18/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	10/18/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	10/18/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	10/18/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	West of OPCAs	10/18/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Background Location	10/18/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	North of OPCAs	10/19/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	10/19/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	10/19/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	10/19/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	West of OPCAs	10/19/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Background Location	10/19/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	North of OPCAs	10/20/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	10/20/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	10/20/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	10/20/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	West of OPCAs	10/20/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Background Location	10/20/06	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	North of OPCAs	10/23/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	10/23/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	10/23/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	10/23/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	West of OPCAs	10/23/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	Background Location	10/23/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	North of OPCAs	10/24/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	10/24/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	10/24/06	Air	Berkshire Environmental	Particulate Matter	10/30/06

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	10/24/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	West of OPCAs	10/24/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	Background Location	10/24/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	North of OPCAs	10/25/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	10/25/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	10/25/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	10/25/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	West of OPCAs	10/25/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	Background Location	10/25/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	North of OPCAs	10/26/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	10/26/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	10/26/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	10/26/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	West of OPCAs	10/26/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	Background Location	10/26/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	North of OPCAs	10/27/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	10/27/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	10/27/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	10/27/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	West of OPCAs	10/27/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	Background Location	10/27/06	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	North of OPCAs	10/30/06	Air	Berkshire Environmental	Particulate Matter	11/2/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	10/30/06	Air	Berkshire Environmental	Particulate Matter	11/2/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	10/30/06	Air	Berkshire Environmental	Particulate Matter	11/2/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	10/30/06	Air	Berkshire Environmental	Particulate Matter	11/2/06
Ambient Air Particulate Matter Sampling	West of OPCAs	10/30/06	Air	Berkshire Environmental	Particulate Matter	11/2/06
Ambient Air Particulate Matter Sampling	Background Location	10/30/06	Air	Berkshire Environmental	Particulate Matter	11/2/06
Ambient Air Particulate Matter Sampling	North of OPCAs	10/31/06	Air	Berkshire Environmental	Particulate Matter	11/2/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	10/31/06	Air	Berkshire Environmental	Particulate Matter	11/2/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	10/31/06	Air	Berkshire Environmental	Particulate Matter	11/2/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	10/31/06	Air	Berkshire Environmental	Particulate Matter	11/2/06
Ambient Air Particulate Matter Sampling	West of OPCAs	10/31/06	Air	Berkshire Environmental	Particulate Matter	11/2/06
Ambient Air Particulate Matter Sampling	Background Location	10/31/06	Air	Berkshire Environmental	Particulate Matter	11/2/06
PCB Ambient Air Sampling	Field Blank	9/26 - 9/27/06	Air	NEA	PCB	10/3/06
PCB Ambient Air Sampling	Northwest of OPCAs	9/26 - 9/27/06	Air	NEA	PCB	10/3/06
PCB Ambient Air Sampling	West of OPCAs	9/26 - 9/27/06	Air	NEA	PCB	10/3/06
PCB Ambient Air Sampling	West of OPCAs colocated	9/26 - 9/27/06	Air	NEA	PCB	10/3/06
PCB Ambient Air Sampling	North of OPCAs	9/26 - 9/27/06	Air	NEA	PCB	10/3/06
PCB Ambient Air Sampling	Southeast of OPCAs	9/26 - 9/27/06	Air	NEA	PCB	10/3/06
PCB Ambient Air Sampling	Pittsfield Generating (PGE)	9/26 - 9/27/06	Air	NEA	PCB	10/3/06
PCB Ambient Air Sampling	Background East of Building 9B	9/26 - 9/27/06	Air	NEA	PCB	10/3/06
PCB Ambient Air Sampling	Field Blank	9/28 - 9/29/06	Air	NEA	PCB	10/6/06
PCB Ambient Air Sampling	Northwest of OPCAs	9/28 - 9/29/06	Air	NEA	PCB	10/6/06

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
PCB Ambient Air Sampling	West of OPCAs	9/28 - 9/29/06	Air	NEA	PCB	10/6/06
PCB Ambient Air Sampling	West of OPCAs colocated	9/28 - 9/29/06	Air	NEA	PCB	10/6/06
PCB Ambient Air Sampling	North of OPCAs	9/28 - 9/29/06	Air	NEA	PCB	10/6/06
PCB Ambient Air Sampling	Southeast of OPCAs	9/28 - 9/29/06	Air	NEA	PCB	10/6/06
PCB Ambient Air Sampling	Pittsfield Generating (PGE)	9/28 - 9/29/06	Air	NEA	PCB	10/6/06
PCB Ambient Air Sampling	Background East of Building 9B	9/28 - 9/29/06	Air	NEA	PCB	10/6/06
PCB Ambient Air Sampling	Field Blank	10/03 - 10/04/06	Air	NEA	PCB	10/10/06
PCB Ambient Air Sampling	Northwest of OPCAs	10/03 - 10/04/06	Air	NEA	PCB	10/10/06
PCB Ambient Air Sampling	West of OPCAs	10/03 - 10/04/06	Air	NEA	PCB	10/10/06
PCB Ambient Air Sampling	West of OPCAs colocated	10/03 - 10/04/06	Air	NEA	PCB	10/10/06
PCB Ambient Air Sampling	North of OPCAs	10/03 - 10/04/06	Air	NEA	PCB	10/10/06
PCB Ambient Air Sampling	Southeast of OPCAs	10/03 - 10/04/06	Air	NEA	PCB	10/10/06
PCB Ambient Air Sampling	Pittsfield Generating (PGE)	10/03 - 10/04/06	Air	NEA	PCB	10/10/06
PCB Ambient Air Sampling	Background East of Building 9B	10/03 - 10/04/06	Air	NEA	PCB	10/10/06
PCB Ambient Air Sampling	Field Blank	10/05 - 10/06/06	Air	NEA	PCB	10/12/06
PCB Ambient Air Sampling	Northwest of OPCAs	10/05 - 10/06/06	Air	NEA	PCB	10/12/06
PCB Ambient Air Sampling	West of OPCAs	10/05 - 10/06/06	Air	NEA	PCB	10/12/06
PCB Ambient Air Sampling	West of OPCAs colocated	10/05 - 10/06/06	Air	NEA	PCB	10/12/06
PCB Ambient Air Sampling	North of OPCAs	10/05 - 10/06/06	Air	NEA	PCB	10/12/06
PCB Ambient Air Sampling	Southeast of OPCAs	10/05 - 10/06/06	Air	NEA	PCB	10/12/06
PCB Ambient Air Sampling	Pittsfield Generating (PGE)	10/05 - 10/06/06	Air	NEA	PCB	10/12/06
PCB Ambient Air Sampling	Background East of Building 9B	10/05 - 10/06/06	Air	NEA	PCB	10/12/06
PCB Ambient Air Sampling	Field Blank	10/10 - 10/11/06	Air	NEA	PCB	10/23/06
PCB Ambient Air Sampling	Northwest of OPCAs	10/10 - 10/11/06	Air	NEA	PCB	10/23/06
PCB Ambient Air Sampling	West of OPCAs	10/10 - 10/11/06	Air	NEA	PCB	10/23/06
PCB Ambient Air Sampling	West of OPCAs colocated	10/10 - 10/11/06	Air	NEA	PCB	10/23/06
PCB Ambient Air Sampling	North of OPCAs	10/10 - 10/11/06	Air	NEA	PCB	10/23/06
PCB Ambient Air Sampling	Southeast of OPCAs	10/10 - 10/11/06	Air	NEA	PCB	10/23/06
PCB Ambient Air Sampling	Pittsfield Generating (PGE)	10/10 - 10/11/06	Air	NEA	PCB	10/23/06
PCB Ambient Air Sampling	Background East of Building 9B	10/10 - 10/11/06	Air	NEA	PCB	10/23/06
PCB Ambient Air Sampling	Field Blank	10/12 - 10/13/06	Air	NEA	PCB	10/23/06
PCB Ambient Air Sampling	Northwest of OPCAs	10/12 - 10/13/06	Air	NEA	PCB	10/23/06
PCB Ambient Air Sampling	West of OPCAs	10/12 - 10/13/06	Air	NEA	PCB	10/23/06
PCB Ambient Air Sampling	West of OPCAs colocated	10/12 - 10/13/06	Air	NEA	PCB	10/23/06
PCB Ambient Air Sampling	North of OPCAs	10/12 - 10/13/06	Air	NEA	PCB	10/23/06
PCB Ambient Air Sampling	Southeast of OPCAs	10/12 - 10/13/06	Air	NEA	PCB	10/23/06
PCB Ambient Air Sampling	Pittsfield Generating (PGE)	10/12 - 10/13/06	Air	NEA	PCB	10/23/06
PCB Ambient Air Sampling	Background East of Building 9B	10/12 - 10/13/06	Air	NEA	PCB	10/23/06
PCB Ambient Air Sampling	Field Blank	10/17 - 10/18/06	Air	NEA	PCB	10/25/06
PCB Ambient Air Sampling	Northwest of OPCAs	10/17 - 10/18/06	Air	NEA	PCB	10/25/06
PCB Ambient Air Sampling	West of OPCAs	10/17 - 10/18/06	Air	NEA	PCB	10/25/06
PCB Ambient Air Sampling	West of OPCAs colocated	10/17 - 10/18/06	Air	NEA	PCB	10/25/06
PCB Ambient Air Sampling	North of OPCAs	10/17 - 10/18/06	Air	NEA	PCB	10/25/06

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
PCB Ambient Air Sampling	Southeast of OPCAs	10/17 - 10/18/06	Air	NEA	PCB	10/25/06
PCB Ambient Air Sampling	Pittsfield Generating (PGE)	10/17 - 10/18/06	Air	NEA	PCB	10/25/06
PCB Ambient Air Sampling	Background East of Building 9B	10/17 - 10/18/06	Air	NEA	PCB	10/25/06

TABLE 5-2
PCB DATA RECEIVED DURING OCTOBER 2006

FLAT DRUM ROLLER WIPE SAMPLING
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
71DrumRoller-W1	9/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
71DrumRoller-W2	9/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
71DrumRoller-W3	9/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
71DrumRoller-W4	9/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
71DrumRoller-W5	9/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
71DrumRoller-W6	9/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
71DrumRoller-W7	9/28/2006	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 BBL, an ARCADIS company (BBL), and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

TABLE 5-3
PCB DATA RECEIVED DURING OCTOBER 2006

JOHN DEERE 230LC EXCAVATOR SAMPLING
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	10/11/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1.1	1.1
JDEERE-BUCKET-W2	10/11/2006	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	10/11/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1.1	1.1
JDEERE-LTRACK-W1	10/11/2006	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	10/11/2006	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	10/11/2006	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	10/11/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1.8	2.1	3.9
JDEERE-RTRACK-W2	10/11/2006	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	10/11/2006	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 BBL, an ARCADIS company (BBL), and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

TABLE 5-4
PCB DATA RECEIVED DURING OCTOBER 2006

GATE 25 EXCAVATION BUCKET SAMPLING
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
Gate25-Bucket-W1	10/12/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Gate25-Bucket-W2	10/12/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Gate25-Bucket-W3	10/12/2006	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 BBL, an ARCADIS company (BBL), and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

TABLE 5-5
PCB DATA RECEIVED DURING OCTOBER 2006

SAMSUNG 210 EXCAVATOR RE-SAMPLING[3]
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
Samsung-CAB-W1-R1	10/12/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Samsung-CAB-W2-R1	10/12/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Samsung-CAB-W3-R1	10/12/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Samsung-LTrack-W1-R1	10/12/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Samsung-LTrack-W2-R1	10/12/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Samsung-LTrack-W3-R1	10/12/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Samsung-RTrack-W1-R1	10/12/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Samsung-RTrack-W2-R1	10/12/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Samsung-RTrack-W3-R1	10/12/2006	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 BBL, an ARCADIS company (BBL), and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
3. Samples were resampled due to laboratory spiking error in the original samples.

TABLE 5-6
SUMMARY OF 2006 PCB AMBIENT AIR SAMPLING RESULTS

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

Date	Northwest of OPCAs	Northwest of OPCAs colocated	West of OPCAs	West of OPCAs colocated	North of OPCAs	Southeast of OPCAs	Pittsfield Generating (PGE)	Background Sample Location - East of Building 9B	Data Validated?
01/10/06 - 01/11/06	0.0005	ND	0.0020	----------	0.0005	ND	0.0005	0.0003	No
02/07/06 - 02/08/06	ND	0.0002 J	ND	----------	ND	0.0003	0.0003	0.0002 J	No
03/07/06 - 03/08/06	ND	ND	ND	----------	ND	0.0006	0.0006	0.0008	No
04/06/06 - 04/07/06	0.0006	----------	0.0004	0.0005	0.0005	0.0009	0.0014	0.0005	No
04/18/06 - 04/19/06	0.0010	----------	0.0011	0.0009	0.0040	0.0019	0.0148	0.0031	No
04/25/06 - 04/26/06	0.0009	----------	0.0010	0.0009	0.0007	0.0013	0.0019	0.0007	No
04/27/06 - 04/28/06	0.0006	----------	0.0006	0.0007	0.0004	0.0009	0.0020	0.0005	No
05/02/06 - 05/03/06[1]	NA	----------	NA	NA	NA	NA	NA	NA	NA
05/04/06 - 05/05/06	0.0019	----------	0.0037	0.0030	0.0017	0.0041	0.0069	0.0026	No
05/09/06 - 05/10/06	0.0003	----------	0.0004	0.0004	ND	0.0005	0.0004	0.0050	No
05/11/06 - 05/12/06	0.0014	----------	0.0024	0.0026	0.0010	0.0005	0.0006	0.0011	No
05/16/06 - 05/17/06	0.0004	----------	0.0007	0.0011	0.0006	0.0009	0.0014	0.0009	No
05/18/06 - 05/19/06	0.0018	----------	0.0015	0.0021	0.0017	0.0015	0.0017	0.0019	No
05/23/06 - 05/24/06	0.0003	----------	ND	0.0004	ND	0.0011	0.0017	0.0005	No
05/25/06 - 05/26/06	0.0032[2]	----------	0.0018	0.0056	0.0041	0.0015	0.0044	0.0010	No
05/31/06 - 06/01/06	0.0069	----------	0.0056	0.0060	0.0069	0.0030	0.0062	0.0024	No
06/01/06 - 06/02/06	0.0031	----------	0.0028	0.0043	0.0034	0.0038	0.0087	0.0030	No
06/06/06 - 06/07/06	0.0006	----------	ND	ND	ND	ND	ND	0.0018	No
06/12/06 - 06/13/06	0.0017	----------	0.0046	0.0037	0.0041	0.0013	0.0388	0.0009	No
06/13/06 - 06/14/06	0.0010	----------	0.0010	0.0007	0.0009	0.0022	0.0061	0.0014	No
06/20/06 - 06/21/06	0.0027	----------	0.0020	0.0030	0.0031	0.0024	0.0047	0.0012	No
06/22/06 - 06/23/06	0.0028	----------	0.0029	0.0027	0.0036	0.0022	0.0032	0.0025	No
06/27/06 - 06/28/06	0.0036 J	----------	0.0021 J	0.0019 J	0.0026 J	0.0006 J	0.0018 J	0.0019 J	PDR[3]
06/29/06 - 06/30/06	0.0013 J	----------	0.0014 J	0.0010 J	0.0020 J	0.0006 J	0.0021 J	0.0036 J	PDR[3]
07/06/06 - 07/07/06	0.0008 J	----------	0.0003 J	0.0007 J	0.0006 J	0.0005 J	0.0029 J	0.0004 J	PDR[3]
07/11/06 - 07/12/06	0.0024	----------	0.0018	0.0018	0.0016	0.0011	0.0045	0.0017	PDR[3]
07/13/06 - 07/14/06	0.0008 J	----------	0.0014 J	0.0010 J	0.0007 J	0.0008 J	0.0023 J	0.0012 J	PDR[3]
07/18/06 - 07/19/06	0.0018 J	----------	0.0026 J	0.0021 J	0.0020 J	0.0033 J	0.0089 J	0.0022 J	PDR[3]
07/20/06 - 07/21/06	0.0033	----------	0.0024	0.0031	0.0010	0.0008	0.0025	0.0021	PDR[3]
07/24/06 - 07/25/06	0.0014	----------	0.0016	0.0016	0.0017	0.0014	0.0045	0.0014	PDR[3]
07/31/06 - 08/01/06	0.0017	----------	0.0016 J	0.0011 J	0.0005 J	0.0015	0.0070	0.0023	PDR[3]
08/03/06 - 08/04/06	0.0010	----------	0.0017	0.0023	0.0013	0.0030	0.0107	0.0026	PDR[3]
08/08/06 - 08/09/06	ND	----------	0.0005	0.0004 J	NA[4]	NA[4]	NA[4]	NA[4]	PDR[3]
08/10/06 - 08/11/06	0.0011 J	----------	0.0011 J	0.0010 J	0.0004 J	0.0006 J	0.0020 J	0.0005 J	PDR[3]
08/14/06 - 08/15/06	0.0024	----------	NA[5]	0.0019	0.0017	0.0008	0.0024	0.0016 J	PDR[3]

TABLE 5-6
SUMMARY OF 2006 PCB AMBIENT AIR SAMPLING RESULTS

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

Date	Northwest of OPCAs	Northwest of OPCAs colocated	West of OPCAs	West of OPCAs colocated	North of OPCAs	Southeast of OPCAs	Pittsfield Generating (PGE)	Background Sample Location - East of Building 9B	Data Validated?
08/21/06 - 08/22/06	0.0016 J [6,7]	----------	0.0015 J [6,7]	0.0013 J [6,7]	0.0011 J [6,7]	0.0019 J [6,7]	0.0066 J [6,7]	0.0013 J [6,7]	PDR[3]
08/29/06 - 08/30/06	0.0008[6,7]	----------	0.0013[6,7]	0.0010[6,7]	0.0006[6,7]	0.0009[6,7]	0.0012[6,7]	0.0031[6,7]	PDR[3]
08/31/06 - 09/01/06	0.0009[6,7]	----------	0.0011[6,7]	0.0013[6,7]	0.0004[6]	0.0014[6,7]	0.0058[6,7]	0.0012[6,7]	PDR[3]
09/05/06 - 09/06/06	0.0027[6,7]	----------	0.0025[6,7,8]	0.0019[6,7]	0.0029[6,7]	0.0012[6,7]	0.0037[6,7]	0.0028[6,7]	PDR[3]
09/07/06 - 09/08/06	0.0018[6,7]	----------	0.0020[6,7]	0.0018[6,7]	0.0016[6,7]	0.0021[6,7]	0.0063[6,7]	0.0015[6,7]	PDR[3]
09/12/06 - 09/13/06	0.0015[6,7]	----------	0.0014[6,7]	0.0013[6,7]	0.0009[6,7]	0.0006[6,7]	0.0014[6,7]	0.0016[6,7]	PDR[3]
09/14/06 - 09/15/06	0.0017[6,7]	----------	0.0021[6,7]	0.0020[6,7]	0.0014[6,7]	0.0010[6,7]	0.0018[6,7]	0.0020[6,7]	PDR[3]
09/19/06 - 09/20/06	0.0030[6,7]	----------	0.0027[6,7,8]	0.0024[6,7,8]	0.0058[6,7]	0.0016[6,7]	0.0042[6,7]	0.0025[6,7]	PDR[3]
09/21/06 - 09/22/06	0.0005[6]	----------	0.0007[6,7]	0.0006[6,7]	0.0004[6]	0.0015[6,7]	0.0030[6,7]	0.0008[6,7]	PDR[3]
09/26/06 - 09/27/06	0.0012[6,7]	----------	0.0010[6,7]	0.0011[6,7]	0.0009[6,7]	0.0026[6,7]	0.0061[6,7]	0.0011[6,7]	PDR[3]
09/28/06 - 09/29/06	0.0089 J [6,7]	----------	0.0020 J [6,7,8]	0.0021 J [6,7,8]	0.0018 J [6,7]	0.0010 J [6,7]	0.0021 J [6,7]	0.0015 J [6,7]	PDR[3]
10/03/06 - 10/04/06	0.0029[6,7]	----------	0.0013[6,7]	0.0016[6,7]	0.0014[6,7]	0.0011[6,7]	0.0041[6,7]	0.0012[6,7]	PDR[3]
10/05/06 - 10/06/06	0.0007[6,7]	----------	ND	ND	ND	ND	0.0016[6,7]	0.0003[7]	PDR[3]
10/10/06 - 10/11/06	0.0010[6,7]	----------	0.0011[6,7]	0.0036 FB	0.0058 FB	0.0174 FBEJ	0.0020[6,7]	0.0031 FB	PDR[3]
10/12/06 - 10/13/06	0.0009[6,7]	----------	0.0008[6,7]	0.0008[6,7]	0.0009[6,7]	0.0007[6,7]	0.0012[6,7]	0.0009[6,7]	PDR[3]
10/17/06 - 10/18/06	0.0009[6,7]	----------	0.0009[6,7]	0.0011[6,7]	0.0004[6]	0.0004[6]	0.0007[6,7]	0.0013[6,7]	PDR[3]
Exceedances of Notification Level (0.05 µg/m^3)	None	None	None	None	None	None	None	None	

(See Notes starting on Page 3)

TABLE 5-6
SUMMARY OF 2006 PCB AMBIENT AIR SAMPLING RESULTS

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

Notes:

All sampling activities performed by Berkshire Environmental Consultants, Inc. All analytical activities performed by SGS Environmental Services, Inc. or Northeast Analytical, Inc.
NA - Not Available
ND - Non Detect (<0.0003)
FB - Field blank
E - The compound was quantitated above the calibration range.
J - Sample results were qualified as estimated.

[1] No data available due to laboratory error.

[2] Data provided for information purposes only. Sampling period did not meet QA/QC criteria of 24 hours ± 60 minutes due to an interruption in street power.

[3] Preliminary data review (PDR) was conducted based on the following data quality indicators associated with the tabulated data set above: sampling collection time, sampling calibration check, temperature receipt, associated blanks, laboratory control samples recoveries, and surrogate recoveries.

[4] During the extraction step one of the SGS lab extractionists reported ethyl ether fumes. The analyst doing the extraction confirmed that the soxtherm had leaked and the extract volumes were low for a number of samples. The samples were analyzed but QA/QC review showed that the results were unacceptable. SGS' Lab Director and QA/QC group also confirmed that the low volume results were unacceptable. The lab only reported the validated results.

[5] Sample result for the W location from 08/14/06 to 08/15/06 not available due to equipment malfunction.

[6] Laboratory qualification (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 PCB present in sample that has undergone environmental alteration.

[7] Laboratory qualification (AF): Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

[8] Laboratory qualification (PG): Aroclor 1260 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1260 is not present in the sample, but is reported to more accurately quantify PCB present in sample that has undergone environmental alteration.

Qualification Notes:

1. Samples collected from the NW and Background locations from 02/07/06 to 02/08/06 are estimated values detected between the MDL and the PQL.
2. Samples collected from 06/27/06 to 06/28/06 were qualified as estimated due to surrogate recovery and/or laboratory control sample recovery deviations.
3. Samples collected from 06/29/06 to 06/30/06 were qualified as estimated due to surrogate recovery and/or laboratory control sample recovery deviations.
4. Samples collected from 07/06/06 to 07/07/06 were qualified as estimated due to surrogate recovery deviation.
5. All samples collected from 07/11/06 to 07/12/06 were greater than 4°C (PUF temperature was 20.2°C) upon laboratory receipt. The temperature of the temperature blank was recorded as less than 4°C. Following an investigation of the laboratory concerning the temperature receipt of PUF samples exhibiting a temperature greater than 6°C, the laboratory has discovered that the laboratory receipt technician was taking the temperature of the PUF while still wrapped in foil. The foil wrapped around the PUF caused an erroneous temperature reading from the IR thermometer. This was confirmed by 1) the temperature blank exhibiting a temperature less than 4°C and 2) the laboratory receipt technician peeled back the foil of the of PUF samples receipt on 8/1/06 and a temperature reading of less than 5°C was observed; therefore, none of the data were qualified due to the documented PUF temperature deviation.
6. Samples collected from 07/13/06 to 07/14/06 were qualified as estimated due to the laboratory not recording the temperature of the PUF upon receipt and laboratory control sample recovery deviations. The temperature of the temperature blank was recorded as less than 4°C.
7. Samples collected from 07/18/06 to 07/19/06 were qualified as estimated due to the laboratory not recording the temperature of the PUF upon receipt.

TABLE 5-6
SUMMARY OF 2006 PCB AMBIENT AIR SAMPLING RESULTS

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

8. All samples collected from 07/20/06 to 07/21/06 were greater than 4°C (PUF temperature was 21.4°C) upon laboratory receipt. The temperature of the temperature blank was recorded as less than 4°C. Following an investigation of the laboratory concerning the temperature receipt of PUF samples exhibiting a temperature greater than 6°C, the laboratory has discovered that the laboratory receipt technician was taking the temperature of the PUF while still wrapped in foil. The foil wrapped around the PUF caused an erroneous temperature reading from the IR thermometer. This was confirmed by 1) the temperature blank exhibiting a temperature less than 4°C and 2) the laboratory receipt technician peeled back the foil of the of PUF samples receipt on 8/1/06 and a temperature reading of less than 5°C was observed; therefore, none of the data were qualified due to the documented PUF temperature deviation.
9. Samples collected from the West, West colocated and North locations from 07/31/06 to 08/01/06 were qualified as estimated due to one surrogate recovery less than the lower control limit and less than 10%.
10. Sample location W from the 08/08/06 to 08/09/06 event was qualified as estimated due to low surrogate recoveries.
11. Samples collected from 08/10/06 to 08/11/06 were qualified as estimated due to low laboratory control sample and laboratory control sample duplicate (LCS/LCSD) recovery less than the lower control limit.
12. Sample collected from the Background location from 08/14/06 to 08/15/06 was qualified as estimated due to the sampling calibration check.
13. Samples collected from 08/21/06 to 08/22/06 were qualified as estimated due to the laboratory not recording the temperature of the PUF upon receipt.
14. Samples collected from 09/28/06 to 09/29/06 were qualified as estimated due to the laboratory control sample duplicate (LCSD) exhibiting a percent recovery greater than the control limit. This results in the percent recoveries of the laboratory control sample (LCS) and LCSD exhibiting a relative percent difference (RPD) greater than the control limit.
15. Samples collected from 10/10/06 to 10/11/06 at the WCo, N, SE and Background locations were qualified as estimated due to suspected laboratory contaminant of Aroclor 1242. The suspect Aroclor 1242 contaminant was attributable to cross contamination of the samples in the extraction preparation lab as noted in the case narrative of SDG #06100069.
16. The Aroclor 1242 sample result associated with sample location SE from the 10/10/06 to 10/11/06 PCB event exceeded the calibration range. Associated Total PCB sample result was qualified as EJ.

TABLE 5-7
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2006

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

Sampling Date[1]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
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	
02/07/06	North of OPCAs	0.006*	0.005*	10:30	WNW
	Pittsfield Generating Co.	NA[2]		NA[2]	
	Southeast of OPCAs	0.046[3]		13:45[4]	
	Northwest of OPCAs	0.012*		10:15	
	West of OPCAs	0.008*		11:00	
04/17/06	North of OPCAs	0.003*	0.004*	9:45	NNW
	Pittsfield Generating Co.	0.005*		10:15	
	Southeast of OPCAs	0.004*		10:00	
	Northwest of OPCAs	0.002*		10:30	
	West of OPCAs	0.003*		10:30	
04/18/06	North of OPCAs	0.003*	0.003*	9:15[5]	NNW
	Pittsfield Generating Co.	0.003*		10:45	
	Southeast of OPCAs	0.020*		10:45	
	Northwest of OPCAs	0.001*		10:30	
	West of OPCAs	0.003*		10:45	
04/19/06	North of OPCAs	0.001*	0.003*	6:15[5]	NNW
	Pittsfield Generating Co.	0.004*		10:45	
	Southeast of OPCAs	0.005*		10:45	
	Northwest of OPCAs	0.001*		11:00	
	West of OPCAs	0.004*		11:00	
04/20/06	North of OPCAs	0.004*	0.005*	11:30	WNW, NNW
	Pittsfield Generating Co.	0.008*		12:00	
	Southeast of OPCAs	0.006*		11:30	
	Northwest of OPCAs	0.003*		11:30	
	West of OPCAs	0.006*		11:30	
04/21/06	North of OPCAs	0.004*	0.007*	10:30	Variable
	Pittsfield Generating Co.	0.010*		10:45	
	Southeast of OPCAs	0.008*		10:30	
	Northwest of OPCAs	0.004*		10:30	
	West of OPCAs	0.006*		10:30	
04/24/06	North of OPCAs	0.006*	0.007*	10:45	Calm
	Pittsfield Generating Co.	0.008*		10:45	
	Southeast of OPCAs	0.011*		10:45	
	Northwest of OPCAs	0.005*		10:45	
	West of OPCAs	0.007*		10:45	
04/25/06	North of OPCAs	0.015*	0.018*	10:45	WNW
	Pittsfield Generating Co.	0.025*		10:30	
	Southeast of OPCAs	0.022*		10:30	
	Northwest of OPCAs	0.013*		10:45	
	West of OPCAs	0.019*		10:45	

TABLE 5-7
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2006

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

Sampling Date[1]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
04/26/06	North of OPCAs	0.003*	0.005*	11:00	SSW
	Pittsfield Generating Co.	0.005*		10:45	
	Southeast of OPCAs	0.004*		10:45	
	Northwest of OPCAs	0.002*		11:00	
	West of OPCAs	0.004*		11:00	
04/27/06	North of OPCAs	0.009*	0.013*	10:30	WNW
	Pittsfield Generating Co.	0.014*		10:30	
	Southeast of OPCAs	0.014*		10:30	
	Northwest of OPCAs	0.007*		10:30	
	West of OPCAs	0.012*		10:45	
04/28/06	North of OPCAs	0.003*	0.005*	10:45	NNW
	Pittsfield Generating Co.	0.006*		10:30	
	Southeast of OPCAs	0.006*		10:45	
	Northwest of OPCAs	0.003*		10:45	
	West of OPCAs	0.005*		10:45	
05/01/06	North of OPCAs	0.006*	0.009*	10:30	ENE
	Pittsfield Generating Co.	0.009*		10:30	
	Southeast of OPCAs	0.010*		10:30	
	Northwest of OPCAs	0.005*		10:30	
	West of OPCAs	0.010*		10:30	
05/02/06	North of OPCAs	0.007*	0.011*	11:00	Variable
	Pittsfield Generating Co.	0.010*		11:00	
	Southeast of OPCAs	0.014*		11:00	
	Northwest of OPCAs	0.005*		11:00	
	West of OPCAs	0.009*		11:00	
05/03/06	North of OPCAs	0.001*	0.002*	10:00	NNW
	Pittsfield Generating Co.	0.002*		10:15	
	Southeast of OPCAs	0.001*		5:30[5]	
	Northwest of OPCAs	0.001*		10:15	
	West of OPCAs	0.002*		10:30	
05/04/06	North of OPCAs	0.003*	0.006*	11:00	WNW
	Pittsfield Generating Co.	0.011*		11:00	
	Southeast of OPCAs	0.004*		11:00	
	Northwest of OPCAs	0.001*		11:30	
	West of OPCAs	0.006*		11:30	
05/05/06	North of OPCAs	0.004*	0.007*	10:30	WNW
	Pittsfield Generating Co.	0.007*		10:30	
	Southeast of OPCAs	0.005*		10:30	
	Northwest of OPCAs	0.005*		10:30	
	West of OPCAs	0.006*		10:30	
05/08/06	North of OPCAs	0.006*	0.010*	10:45	Variable
	Pittsfield Generating Co.	0.010*		10:45	
	Southeast of OPCAs	0.007*		10:45	
	Northwest of OPCAs	0.007*		10:45	
	West of OPCAs	0.009*		10:45	

TABLE 5-7
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2006

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

Sampling Date[1]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
05/09/06	North of OPCAs	0.005*	0.013*	11:45	NNE
	Pittsfield Generating Co.	0.009*		11:45	
	Southeast of OPCAs	0.008*		11:45	
	Northwest of OPCAs	0.005*		11:45	
	West of OPCAs	0.009*		11:45	
05/10/06	North of OPCAs	0.004*	0.008*	10:45	ENE
	Pittsfield Generating Co.	0.009*		10:45	
	Southeast of OPCAs	0.005*		10:45	
	Northwest of OPCAs	0.004*		10:45	
	West of OPCAs	0.009*		10:45	
05/11/06	North of OPCAs	0.002*	0.006*	11:15	Variable
	Pittsfield Generating Co.	0.007*		11:15	
	Southeast of OPCAs	0.004*		11:15	
	Northwest of OPCAs	0.002*		11:15	
	West of OPCAs	0.007*		11:15	
05/12/06	North of OPCAs	0.006*	0.008*	11:45	Variable
	Pittsfield Generating Co.	0.001*		11:45	
	Southeast of OPCAs	0.004*		11:45	
	Northwest of OPCAs	0.010*		12:00	
	West of OPCAs	0.007*		12:00	
05/15/06	North of OPCAs	0.002*	0.002*	10:45	Variable
	Pittsfield Generating Co.	0.003*		9:30[5]	
	Southeast of OPCAs	0.001*		11:15	
	Northwest of OPCAs	0.001*		11:00	
	West of OPCAs	0.002*		11:15	
05/16/06	North of OPCAs	0.007*	0.008*	11:30	W
	Pittsfield Generating Co.	0.008*		11:00	
	Southeast of OPCAs	0.007*		11:00	
	Northwest of OPCAs	0.005*		10:15	
	West of OPCAs	0.005*		11:15	
05/17/06	North of OPCAs	0.016*	0.015*	11:15	SSW
	Pittsfield Generating Co.	0.025*		11:15	
	Southeast of OPCAs	0.014*		11:15	
	Northwest of OPCAs	0.013*		11:15	
	West of OPCAs	0.011*		11:15	
05/18/06	North of OPCAs	0.022*	0.024*	11:00	SSW
	Pittsfield Generating Co.	0.029*		10:45	
	Southeast of OPCAs	0.023*		11:00	
	Northwest of OPCAs	0.021*		11:15	
	West of OPCAs	0.018*		11:30	
05/19/06	North of OPCAs	0.015*	0.022*	10:45	WSW
	Pittsfield Generating Co.	0.019*		10:00	
	Southeast of OPCAs	0.014*		10:45	
	Northwest of OPCAs	0.016*		10:45	
	West of OPCAs	0.014*		10:45	

TABLE 5-7
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2006

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

Sampling Date[1]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
05/22/06	North of OPCAs	0.001*	0.002*	8:15[6]	WNW
	Pittsfield Generating Co.	0.014*		11:15	
	Southeast of OPCAs	0.002*		11:15	
	Northwest of OPCAs	0.001*		11:15	
	West of OPCAs	0.001*		11:15	
05/23/06	North of OPCAs	0.005*	0.008*	11:45	WNW
	Pittsfield Generating Co.	0.005*		11:30	
	Southeast of OPCAs	0.005*		11:45	
	Northwest of OPCAs	0.006*		11:45	
	West of OPCAs	0.002*		12:00	
05/24/06	North of OPCAs	0.004*	0.006*	11:30	WNW
	Pittsfield Generating Co.	0.006*		11:30	
	Southeast of OPCAs	0.004*		11:30	
	Northwest of OPCAs	0.004*		11:30	
	West of OPCAs	0.004*		11:30	
05/25/06	North of OPCAs	0.014*	0.014*	10:15	SSW
	Pittsfield Generating Co.	0.021*		10:00	
	Southeast of OPCAs	0.016*		10:15	
	Northwest of OPCAs	0.015*		10:30	
	West of OPCAs	0.011*		10:45	
05/26/06	North of OPCAs	0.028*	0.030*	10:45	Calm
	Pittsfield Generating Co.	0.035*		11:30	
	Southeast of OPCAs	0.028*		11:30	
	Northwest of OPCAs	0.031*		11:45	
	West of OPCAs	0.027*		11:15	
05/30/06	North of OPCAs	0.023*	0.023*	11:00	Variable
	Pittsfield Generating Co.	0.040*		10:30	
	Southeast of OPCAs	0.024*		9:00[5]	
	Northwest of OPCAs	0.026*		11:00	
	West of OPCAs	0.012*		11:00	
05/31/06	North of OPCAs	0.046*	0.053*	11:15	WSW
	Pittsfield Generating Co.	0.057*		11:00	
	Southeast of OPCAs	0.046*		11:15	
	Northwest of OPCAs	0.049*		11:30	
	West of OPCAs	0.035*		11:30	
06/01/06	North of OPCAs	0.057*	0.072*	11:15	WSW, SSW
	Pittsfield Generating Co.	0.078*		11:15	
	Southeast of OPCAs	0.059*		11:15	
	Northwest of OPCAs	0.058*		11:15	
	West of OPCAs	0.042*		11:30	
06/02/06	North of OPCAs	0.014*	0.019*	10:30	WSW
	Pittsfield Generating Co.	0.020*		10:30	
	Southeast of OPCAs	0.016*		10:30	
	Northwest of OPCAs	0.016*		10:30	
	West of OPCAs	0.013*		10:30	

TABLE 5-7
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2006

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

Sampling Date[1]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
06/06/06	North of OPCAs	0.008*	0.010*	11:30	Calm
	Pittsfield Generating Co.	0.012*		11:30	
	Southeast of OPCAs	0.010*		11:30	
	Northwest of OPCAs	0.008*		11:45	
	West of OPCAs	0.007*		11:45	
06/12/06	North of OPCAs	0.005*	0.005*	10:15	WNW
	Pittsfield Generating Co.	0.014*		10:45	
	Southeast of OPCAs	0.009*		10:30	
	Northwest of OPCAs	0.003*		10:30	
	West of OPCAs	0.003*		11:15	
06/13/06	North of OPCAs	0.009*	0.009*	11:00	WNW
	Pittsfield Generating Co.	0.026*		10:30	
	Southeast of OPCAs	0.011*		11:00	
	Northwest of OPCAs	0.009*		11:00	
	West of OPCAs	0.003*		10:45	
06/14/06	North of OPCAs	0.013*	0.018*	10:45	Calm
	Pittsfield Generating Co.	0.024*		10:45	
	Southeast of OPCAs	0.013*		11:00	
	Northwest of OPCAs	0.014*		11:00	
	West of OPCAs	0.011*		11:00	
06/15/06	North of OPCAs	0.009*	0.010*	10:30	NNW
	Pittsfield Generating Co.	0.014*		10:30	
	Southeast of OPCAs	0.010*		10:30	
	Northwest of OPCAs	0.008*		10:30	
	West of OPCAs	0.011*		10:30	
06/16/06	North of OPCAs	0.015*	0.017*	9:45[5]	WNW
	Pittsfield Generating Co.	0.022*		11:45	
	Southeast of OPCAs	0.017*		11:45	
	Northwest of OPCAs	0.016*		11:45	
	West of OPCAs	0.026*		6:45[5]	
06/19/06[7]	North of OPCAs	0.113*	**0.136***	10:30	WSW, SSW
	Pittsfield Generating Co.	**0.153***		10:45	
	Southeast of OPCAs	0.119*		10:45	
	Northwest of OPCAs	0.119*		10:30	
	West of OPCAs	**0.187***		10:30	
06/20/06	North of OPCAs	0.022*	0.028*	10:30	WSW
	Pittsfield Generating Co.	0.031*		10:30	
	Southeast of OPCAs	0.018*		10:45	
	Northwest of OPCAs	0.020*		10:45	
	West of OPCAs	0.038*		10:45	
06/21/06	North of OPCAs	0.007*	0.007*	10:45	Variable
	Pittsfield Generating Co.	0.012*		10:45	
	Southeast of OPCAs	0.009*		10:45	
	Northwest of OPCAs	0.007*		10:45	
	West of OPCAs	0.013*		10:45	

TABLE 5-7
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2006

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

Sampling Date[1]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
06/22/06	North of OPCAs	0.029*	0.034*	11:30	SSW
	Pittsfield Generating Co.	0.041*		10:45	
	Southeast of OPCAs	0.035*		11:30	
	Northwest of OPCAs	0.030*		11:30	
	West of OPCAs	0.051*		11:30	
06/23/06	North of OPCAs	0.027*	0.037*	10:45	WNW
	Pittsfield Generating Co.	0.046*		10:45	
	Southeast of OPCAs	0.036*		10:45	
	Northwest of OPCAs	0.029*		10:45	
	West of OPCAs	0.057*		10:45	
06/26/06	North of OPCAs	0.012*	0.015*	8:45[8]	SSW
	Pittsfield Generating Co.	0.020*		8:30[8]	
	Southeast of OPCAs	0.021*		8:30[8]	
	Northwest of OPCAs	0.014*		8:45[8]	
	West of OPCAs	0.018*		8:45[8]	
06/27/06	North of OPCAs	0.012*	0.011*	10:45	SSW
	Pittsfield Generating Co.	0.015*		10:30	
	Southeast of OPCAs	0.012*		10:45	
	Northwest of OPCAs	0.013*		10:45	
	West of OPCAs	0.022*		11:00	
06/28/06	North of OPCAs	0.004*	0.008*	11:30	Variable
	Pittsfield Generating Co.	0.007*		10:45	
	Southeast of OPCAs	0.003*		11:30	
	Northwest of OPCAs	0.007*		11:15	
	West of OPCAs	0.011*		11:30	
06/29/06	North of OPCAs	0.055*	0.057*	10:30	SSW
	Pittsfield Generating Co.	0.074*		10:00	
	Southeast of OPCAs	0.047*		11:00	
	Northwest of OPCAs	0.064*		10:30	
	West of OPCAs	0.062*		11:00	
06/30/06	North of OPCAs	0.030*	0.037*	11:00	WNW
	Pittsfield Generating Co.	0.046*		10:30	
	Southeast of OPCAs	0.046*		10:45	
	Northwest of OPCAs	0.039*		11:00	
	West of OPCAs	0.055*		10:45	
07/05/06	North of OPCAs	0.016*	0.021*	11:00	WNW
	Pittsfield Generating Co.	0.024*		11:00	
	Southeast of OPCAs	0.026*		10:45	
	Northwest of OPCAs	0.022*		10:45	
	West of OPCAs	0.032*		11:00	
07/06/06	North of OPCAs	0.002*	0.006*	11:00	WNW
	Pittsfield Generating Co.	0.007*		10:45	
	Southeast of OPCAs	0.021*		11:00	
	Northwest of OPCAs	0.006*		11:00	
	West of OPCAs	0.010*		11:15	

TABLE 5-7
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2006

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

Sampling Date[1]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
07/07/06	North of OPCAs	0.007*	0.008*	10:45	WNW
	Pittsfield Generating Co.	0.012*		10:45	
	Southeast of OPCAs	0.019*		10:45	
	Northwest of OPCAs	0.010*		10:45	
	West of OPCAs	0.017*		10:45	
07/10/06	North of OPCAs	0.030*	0.056*	10:45	Variable
	Pittsfield Generating Co.	0.046*		10:30	
	Southeast of OPCAs	0.044*		10:45	
	Northwest of OPCAs	0.037*		10:30	
	West of OPCAs	0.056*		10:45	
07/11/06	North of OPCAs	0.048[9]	0.070*	11:15	NNW, WNW
	Pittsfield Generating Co.	0.088*		10:15	
	Southeast of OPCAs	0.085*		10:30	
	Northwest of OPCAs	0.071*		10:00	
	West of OPCAs	0.049[9]		11:15	
07/12/06	North of OPCAs	0.026**	0.040*	11:15	Calm
	Pittsfield Generating Co.	0.066*		10:30	
	Southeast of OPCAs	0.063*		10:45	
	Northwest of OPCAs	0.054*		10:30	
	West of OPCAs	0.022**		11:15	
07/13/06	North of OPCAs	0.010**	0.007*	11:15	NNE, W
	Pittsfield Generating Co.	0.004*		11:00	
	Southeast of OPCAs	0.002*		10:30	
	Northwest of OPCAs	0.004*		11:00	
	West of OPCAs	0.013**		11:15	
07/14/06	North of OPCAs	0.011**	0.021*	11:00	WNW
	Pittsfield Generating Co.	0.030*		10:30	
	Southeast of OPCAs	0.028*		10:30	
	Northwest of OPCAs	0.026*		10:30	
	West of OPCAs	0.011**		11:00	
07/17/06	North of OPCAs	0.022**	0.013*	11:15	Variable
	Pittsfield Generating Co.	0.025*		10:30	
	Southeast of OPCAs	0.029*		11:00	
	Northwest of OPCAs	0.021[9]		10:45	
	West of OPCAs	0.018[9]		8:15[10]	
07/18/06	North of OPCAs	0.018**	0.024*	11:15	WNW
	Pittsfield Generating Co.	0.031*		10:15	
	Southeast of OPCAs	0.036*		11:00	
	Northwest of OPCAs	0.018**		11:15	
	West of OPCAs	0.037*		10:45	
07/19/06	North of OPCAs	0.015**	0.013*	11:15	Calm
	Pittsfield Generating Co.	0.017*		10:30	
	Southeast of OPCAs	0.019*		10:30	
	Northwest of OPCAs	0.009**		11:15	
	West of OPCAs	0.019*		10:30	

TABLE 5-7
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2006

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

Sampling Date[1]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
07/20/06	North of OPCAs	0.011**	0.004*	11:15	Calm
	Pittsfield Generating Co.	0.020*		11:15	
	Southeast of OPCAs	0.021*		11:15	
	Northwest of OPCAs	0.012**		11:15	
	West of OPCAs	0.019*		11:15	
07/21/06	North of OPCAs	0.018**	0.056*	11:00	Variable
	Pittsfield Generating Co.	0.052*		11:30	
	Southeast of OPCAs	0.052*		11:15	
	Northwest of OPCAs	0.018**		11:00	
	West of OPCAs	0.050*		11:30	
07/24/06	North of OPCAs	0.009**	0.009*	11:15	Variable
	Pittsfield Generating Co.	0.010*		10:30	
	Southeast of OPCAs	0.010*		10:30	
	Northwest of OPCAs	0.007**		11:15	
	West of OPCAs	0.007*		11:00	
07/25/06	North of OPCAs	0.025**	0.038*	9:45[8]	SSW
	Pittsfield Generating Co.	0.046*		9:15[8]	
	Southeast of OPCAs	0.046*		9:00[8]	
	Northwest of OPCAs	0.024**		9:45[8]	
	West of OPCAs	0.051*		9:15[8]	
07/26/06	North of OPCAs	0.025**	0.045*	11:15	Variable
	Pittsfield Generating Co.	0.063*		10:30	
	Southeast of OPCAs	0.062*		10:30	
	Northwest of OPCAs	0.025**		11:15	
	West of OPCAs	0.064*		10:30	
07/27/06	North of OPCAs	0.037**	0.082*	11:15	SSW
	Pittsfield Generating Co.	0.108*		10:45	
	Southeast of OPCAs	0.101*		10:45	
	Northwest of OPCAs	0.035**		11:15	
	West of OPCAs	0.113*		10:30	
07/28/06	North of OPCAs	0.026**	0.041*	9:00[6]	SSW
	Pittsfield Generating Co.	0.053*		10:30	
	Southeast of OPCAs	0.052*		10:30	
	Northwest of OPCAs	0.022**		11:00	
	West of OPCAs	0.060*		10:30	
07/31/06	North of OPCAs	0.012*	0.015*	10:30	Variable
	Pittsfield Generating Co.	0.020*		10:30	
	Southeast of OPCAs	0.021*		11:30	
	Northwest of OPCAs	0.010**		11:15	
	West of OPCAs	0.013*		10:45	
08/01/06	North of OPCAs	0.050*	0.048*	10:45	WSW
	Pittsfield Generating Co.	0.065*		10:45	
	Southeast of OPCAs	0.064*		10:45	
	Northwest of OPCAs	0.025**		11:15	
	West of OPCAs	0.051*		10:45	

TABLE 5-7
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2006

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

Sampling Date[1]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
08/02/06	North of OPCAs	0.049*	0.049*	10:30	WNW
	Pittsfield Generating Co.	0.068*		10:30	
	Southeast of OPCAs	0.070*		10:30	
	Northwest of OPCAs	0.031**		11:15	
	West of OPCAs	0.040*		10:00	
08/03/06	North of OPCAs	0.035*	0.034*	11:15	WNW
	Pittsfield Generating Co.	0.044*		10:45	
	Southeast of OPCAs	0.045*		11:15	
	Northwest of OPCAs	0.018**		11:15	
	West of OPCAs	0.037*		10:45	
08/04/06	North of OPCAs	0.005*	0.008*	10:15	NNW
	Pittsfield Generating Co.	0.010*		10:15	
	Southeast of OPCAs	0.010*		10:00	
	Northwest of OPCAs	0.006**		10:45	
	West of OPCAs	0.005*		10:00	
08/07/06	North of OPCAs	0.030*	0.024*	11:15	SSW
	Pittsfield Generating Co.	0.044*		11:15	
	Southeast of OPCAs	0.043*		11:15	
	Northwest of OPCAs	0.022**		11:15	
	West of OPCAs	0.022*		11:00	
08/08/06	North of OPCAs	0.007*	0.010*	11:15	NNW
	Pittsfield Generating Co.	0.013*		10:45	
	Southeast of OPCAs	0.014*		11:15	
	Northwest of OPCAs	0.008**		11:15	
	West of OPCAs	0.008*		11:30	
08/09/06	North of OPCAs	0.007*	0.006*	10:30	Calm
	Pittsfield Generating Co.	0.007*		10:15	
	Southeast of OPCAs	0.008*		10:30	
	Northwest of OPCAs	0.007**		11:15	
	West of OPCAs	0.007*		10:30	
08/10/06	North of OPCAs	0.018*	0.012*	11:00	SSW
	Pittsfield Generating Co.	0.015*		10:30	
	Southeast of OPCAs	0.016*		11:15	
	Northwest of OPCAs	0.016**		11:15	
	West of OPCAs	0.014*		10:45	
08/11/06	North of OPCAs	0.004*	0.004*	10:45	NNW
	Pittsfield Generating Co.	0.004*		11:00	
	Southeast of OPCAs	0.004*		11:00	
	Northwest of OPCAs	0.006**		11:15	
	West of OPCAs	0.004*		10:45	
08/14/06	North of OPCAs	0.025**	0.011*	11:00	SSW
	Pittsfield Generating Co.	0.014*		10:30	
	Southeast of OPCAs	0.016*		10:45	
	Northwest of OPCAs	0.018**		11:15	
	West of OPCAs	0.013*		11:00	

TABLE 5-7
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2006

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

Sampling Date[1]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
08/15/06	North of OPCAs	0.013**	0.007*	11:15	WSW
	Pittsfield Generating Co.	0.014*		10:15	
	Southeast of OPCAs	0.013*		11:30	
	Northwest of OPCAs	0.012**		11:15	
	West of OPCAs	0.012*		10:15	
08/16/06	North of OPCAs	0.007**	0.006*	11:15	NNW
	Pittsfield Generating Co.	0.007*		10:45	
	Southeast of OPCAs	0.009*		11:00	
	Northwest of OPCAs	0.007**		11:15	
	West of OPCAs	0.008*		10:45	
08/17/06	North of OPCAs	0.005**	0.005*	11:15	Calm
	Pittsfield Generating Co.	0.006*		11:00	
	Southeast of OPCAs	0.006*		11:00	
	Northwest of OPCAs	0.007**		11:15	
	West of OPCAs	0.005*		11:00	
08/18/06	North of OPCAs	0.011**	0.005*	11:00	SSW
	Pittsfield Generating Co.	0.012*		10:30	
	Southeast of OPCAs	0.014*		11:00	
	Northwest of OPCAs	0.010**		11:15	
	West of OPCAs	0.011*		10:45	
08/21/06	North of OPCAs	0.012**	0.005*	11:15	WNW
	Pittsfield Generating Co.	0.004*		10:30	
	Southeast of OPCAs	0.005*		10:45	
	Northwest of OPCAs	0.003**		11:15	
	West of OPCAs	0.003*		10:15	
08/22/06	North of OPCAs	0.008**	0.006*	11:15	WNW
	Pittsfield Generating Co.	0.006*		10:45	
	Southeast of OPCAs	0.006*		10:45	
	Northwest of OPCAs	0.007**		11:15	
	West of OPCAs	0.006*		10:30	
08/23/06	North of OPCAs	0.009**	0.012*	11:15	WNW
	Pittsfield Generating Co.	0.010*		10:45	
	Southeast of OPCAs	0.011*		10:15	
	Northwest of OPCAs	0.009**		11:15	
	West of OPCAs	0.010*		10:15	
08/24/06	North of OPCAs	0.005**	0.005*	11:15	Calm
	Pittsfield Generating Co.	0.007*		10:45	
	Southeast of OPCAs	0.005*		11:00	
	Northwest of OPCAs	0.004**		11:15	
	West of OPCAs	0.005*		10:45	
08/25/06	North of OPCAs	0.012**	0.031*	10:45	Calm
	Pittsfield Generating Co.	0.012*		10:45	
	Southeast of OPCAs	0.011*		10:45	
	Northwest of OPCAs	0.008**		10:45	
	West of OPCAs	0.011*		10:30	

TABLE 5-7
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2006

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

Sampling Date[1]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
08/28/06	North of OPCAs	0.016**	0.019*	10:30	Calm
	Pittsfield Generating Co.	0.023*		10:30	
	Southeast of OPCAs	0.023*		10:15	
	Northwest of OPCAs	0.010**		10:30	
	West of OPCAs	0.021*		10:30	
08/29/06	North of OPCAs	0.011**	0.019*	10:15	Calm
	Pittsfield Generating Co.	0.015*		10:15	
	Southeast of OPCAs	0.017*		10:15	
	Northwest of OPCAs	0.022**		10:15	
	West of OPCAs	0.018*		10:00	
08/30/06	North of OPCAs	0.007**	0.011*	10:45	NNW
	Pittsfield Generating Co.	0.008*		10:45	
	Southeast of OPCAs	0.010*		10:45	
	Northwest of OPCAs	0.006**		10:45	
	West of OPCAs	0.007*		10:30	
08/31/06	North of OPCAs	0.005**	0.003*	10:15	Variable
	Pittsfield Generating Co.	0.003*		10:15	
	Southeast of OPCAs	0.004*		10:15	
	Northwest of OPCAs	0.004**		10:15	
	West of OPCAs	0.004*		10:00	
09/01/06	North of OPCAs	0.007**	0.008*	11:00	Variable
	Pittsfield Generating Co.	0.004*		11:30	
	Southeast of OPCAs	0.005*		11:30	
	Northwest of OPCAs	0.006**		11:00	
	West of OPCAs	0.005*		11:30	
09/05/06	North of OPCAs	0.012**	0.017*	11:15	WSW
	Pittsfield Generating Co.	0.015*		11:00	
	Southeast of OPCAs	0.016*		11:00	
	Northwest of OPCAs	0.009**		11:15	
	West of OPCAs	0.015*		11:00	
09/06/06	North of OPCAs	0.011**	0.016*	10:30	Variable
	Pittsfield Generating Co.	0.013*		10:15	
	Southeast of OPCAs	0.014*		10:30	
	Northwest of OPCAs	0.009**		10:30	
	West of OPCAs	0.012*		10:15	
09/07/06	North of OPCAs	0.011**	0.018*	11:45	Calm
	Pittsfield Generating Co.	0.014*		11:30	
	Southeast of OPCAs	0.016*		11:30	
	Northwest of OPCAs	0.008**		11:45	
	West of OPCAs	0.016*		11:45	
09/08/06	North of OPCAs	0.017**	0.033*	11:45	WSW
	Pittsfield Generating Co.	0.025*		11:30	
	Southeast of OPCAs	0.026*		11:30	
	Northwest of OPCAs	0.013**		11:30	
	West of OPCAs	0.028*		11:30	

TABLE 5-7
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2006

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

Sampling Date[1]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
09/11/06	North of OPCAs	0.007**	0.004*	11:00	Calm
	Pittsfield Generating Co.	0.003*		11:00	
	Southeast of OPCAs	0.004*		11:00	
	Northwest of OPCAs	0.007**		11:00	
	West of OPCAs	0.003*		10:45	
09/12/06	North of OPCAs	0.004**	0.005*	10:30	Calm
	Pittsfield Generating Co.	0.003*		10:30	
	Southeast of OPCAs	0.006*		10:30	
	Northwest of OPCAs	0.007**		10:30	
	West of OPCAs	0.004*		10:00	
09/13/06	North of OPCAs	0.012**	0.011*	10:45	SSW
	Pittsfield Generating Co.	0.008*		10:30	
	Southeast of OPCAs	0.017*		10:45	
	Northwest of OPCAs	0.013**		10:45	
	West of OPCAs	0.014*		10:30	
09/14/06	North of OPCAs	0.012**	0.011*	10:45	Calm
	Pittsfield Generating Co.	0.009*		10:30	
	Southeast of OPCAs	0.011*		10:15	
	Northwest of OPCAs	0.012**		10:45	
	West of OPCAs	0.009*		10:15	
09/15/06	North of OPCAs	0.008**	0.012*	11:30	Calm
	Pittsfield Generating Co.	0.011*		11:15	
	Southeast of OPCAs	0.011*		11:15	
	Northwest of OPCAs	0.009**		11:30	
	West of OPCAs	0.010*		11:15	
09/18/06	North of OPCAs	0.014**	0.020*	10:45	SSW
	Pittsfield Generating Co.	0.017*		10:45	
	Southeast of OPCAs	0.019*		11:00	
	Northwest of OPCAs	0.010**		10:45	
	West of OPCAs	0.016*		10:45	
09/19/06	North of OPCAs	0.036**	0.081*	11:30	SSW
	Pittsfield Generating Co.	0.065*		11:30	
	Southeast of OPCAs	0.091*		10:15	
	Northwest of OPCAs	0.041**		11:30	
	West of OPCAs	0.065*		11:30	
09/20/06	North of OPCAs	0.011**	0.010*	10:45	WNW
	Pittsfield Generating Co.	0.008*		10:45	
	Southeast of OPCAs	0.011*		10:15	
	Northwest of OPCAs	0.011**		10:45	
	West of OPCAs	0.005*		10:30	
09/21/06	North of OPCAs	0.005**	0.002*	10:30	WNW
	Pittsfield Generating Co.	0.002*		10:15	
	Southeast of OPCAs	0.004*		10:45	
	Northwest of OPCAs	0.005**		10:30	
	West of OPCAs	0.003*		10:15	

TABLE 5-7
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2006

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

Sampling Date[1]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
09/22/06	North of OPCAs	0.011**	0.014*	11:15	SSW
	Pittsfield Generating Co.	0.011*		11:00	
	Southeast of OPCAs	0.017*		10:45	
	Northwest of OPCAs	0.010**		11:15	
	West of OPCAs	0.014*		11:00	
09/25/06	North of OPCAs	0.003**	0.004*	10:15	WNW
	Pittsfield Generating Co.	0.004*		10:00	
	Southeast of OPCAs	0.006*		10:00	
	Northwest of OPCAs	0.005**		10:15	
	West of OPCAs	0.004*		10:15	
09/26/06	North of OPCAs	0.005**	0.005*	11:00	WNW
	Pittsfield Generating Co.	0.005*		10:00	
	Southeast of OPCAs	0.007*		11:15	
	Northwest of OPCAs	0.006**		11:00	
	West of OPCAs	0.006*		10:45	
09/27/06	North of OPCAs	0.011**	0.010*	10:30	SSW
	Pittsfield Generating Co.	0.009*		10:15	
	Southeast of OPCAs	0.015*		10:15	
	Northwest of OPCAs	0.012**		10:30	
	West of OPCAs	0.010*		10:15	
09/28/06	North of OPCAs	0.016**	0.019*	10:45	Variable
	Pittsfield Generating Co.	0.019*		11:00	
	Southeast of OPCAs	0.026*		10:30	
	Northwest of OPCAs	0.016**		10:45	
	West of OPCAs	0.017*		10:30	
09/29/06	North of OPCAs	0.006**	0.005*	10:45	WNW
	Pittsfield Generating Co.	0.003*		10:00	
	Southeast of OPCAs	0.004*		10:45	
	Northwest of OPCAs	0.006**		10:45	
	West of OPCAs	0.003*		10:15	
10/02/06	North of OPCAs	0.009**	0.017*	10:15	WNW
	Pittsfield Generating Co.	0.012*		10:15	
	Southeast of OPCAs	0.034*		10:15	
	Northwest of OPCAs	0.008**		10:15	
	West of OPCAs	0.013*		10:15	
10/03/06	North of OPCAs	0.017**	0.012*	11:15	Calm
	Pittsfield Generating Co.	0.014*		9:45[11]	
	Southeast of OPCAs	0.040*		10:45	
	Northwest of OPCAs	0.011**		11:15	
	West of OPCAs	0.013*		11:00	
10/04/06	North of OPCAs	0.021**	0.026*	10:15	SSW
	Pittsfield Generating Co.	0.031*		10:30	
	Southeast of OPCAs	0.020*		10:15	
	Northwest of OPCAs	0.017**		10:15	
	West of OPCAs	0.025*		10:15	

TABLE 5-7
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2006

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

Sampling Date[1]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
10/05/06	North of OPCAs	0.003**	0.004*	11:30	NNW
	Pittsfield Generating Co.	0.002*		11:30	
	Southeast of OPCAs	0.026*		10:30	
	Northwest of OPCAs	0.002**		11:30	
	West of OPCAs	0.002*		11:15	
10/06/06	North of OPCAs	0.003**	0.005*	11:00	ENE
	Pittsfield Generating Co.	0.003*		10:45	
	Southeast of OPCAs	0.001*		10:45	
	Northwest of OPCAs	0.004**		11:00	
	West of OPCAs	0.004*		10:30	
10/09/06[12]	North of OPCAs	0.012**	0.010*	11:15	WNW
	Pittsfield Generating Co.	0.011*		11:15	
	Southeast of OPCAs	0.013*		11:45	
	Northwest of OPCAs	0.013**		11:15	
	West of OPCAs	0.013*		11:30	
10/10/06[12]	North of OPCAs	0.019**	0.014*	12:15	Calm
	Pittsfield Generating Co.	0.019*		12:00	
	Southeast of OPCAs	0.025*		11:00	
	Northwest of OPCAs	0.017**		12:15	
	West of OPCAs	0.018*		12:00	
10/11/06[12]	North of OPCAs	0.011**	0.006*	12:00	Variable
	Pittsfield Generating Co.	0.010*		12:30	
	Southeast of OPCAs	0.022*		12:15	
	Northwest of OPCAs	0.012**		12:00	
	West of OPCAs	0.010*		12:15	
10/12/06[12]	North of OPCAs	0.007**	0.009*	12:15	Calm
	Pittsfield Generating Co.	0.014**		12:15	
	Southeast of OPCAs	0.017**		12:10	
	Northwest of OPCAs	0.007**		12:15	
	West of OPCAs	0.007**		12:10	
10/13/06[12]	North of OPCAs	0.008**	0.006*	12:15	SSW
	Pittsfield Generating Co.	0.007**		12:15	
	Southeast of OPCAs	0.002*		12:15	
	Northwest of OPCAs	0.010**		12:15	
	West of OPCAs	0.008**		12:15	
10/16/06[12]	North of OPCAs	0.014**	0.010*	12:00	SSW
	Pittsfield Generating Co.	0.013**		12:00	
	Southeast of OPCAs	0.008*		11:00	
	Northwest of OPCAs	0.018**		12:00	
	West of OPCAs	0.012**		12:00	
10/17/06[12]	North of OPCAs	0.018**	0.019*	12:00	Variable
	Pittsfield Generating Co.	0.020**		12:00	
	Southeast of OPCAs	0.015*		11:15	
	Northwest of OPCAs	0.021**		12:00	
	West of OPCAs	0.023**		12:00	

TABLE 5-7
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2006

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

Sampling Date[1]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
10/18/06[12]	North of OPCAs	0.0013[9]	0.007*	12:15	WNW, NNW
	Pittsfield Generating Co.	0.006**		12:30	
	Southeast of OPCAs	0.004[9]		12:45	
	Northwest of OPCAs	0.008[9]		12:30	
	West of OPCAs	0.006**		12:30	
10/19/06[12]	North of OPCAs	0.012**	0.015*	12:00	SSW
	Pittsfield Generating Co.	0.010**		12:00	
	Southeast of OPCAs	0.016*		11:45	
	Northwest of OPCAs	0.015**		12:00	
	West of OPCAs	0.012**		12:00	
10/20/06[12]	North of OPCAs	0.007**	0.004*	12:15	WNW
	Pittsfield Generating Co.	0.005**		12:15	
	Southeast of OPCAs	0.003*		10:15[5]	
	Northwest of OPCAs	0.005**		12:15	
	West of OPCAs	0.006**		12:15	
10/23/06[12]	North of OPCAs	0.007**	0.006*	11:15	WNW
	Pittsfield Generating Co.	0.015**		11:15	
	Southeast of OPCAs	0.007*		11:30	
	Northwest of OPCAs	0.007**		11:15	
	West of OPCAs	0.008**		11:15	
10/24/06[12]	North of OPCAs	0.005**	0.002*	11:15	WNW
	Pittsfield Generating Co.	0.014**		11:15	
	Southeast of OPCAs	0.005**		11:15	
	Northwest of OPCAs	0.006**		11:15	
	West of OPCAs	0.003**		11:15	
10/25/06[12]	North of OPCAs	0.003**	0.001*	11:45	WNW
	Pittsfield Generating Co.	0.004**		11:45	
	Southeast of OPCAs	0.004**		11:45	
	Northwest of OPCAs	0.004**		11:45	
	West of OPCAs	0.002**		11:45	
10/26/06[12]	North of OPCAs	0.003**	0.001*	11:45	WNW
	Pittsfield Generating Co.	0.012**		11:45	
	Southeast of OPCAs	0.003**		11:45	
	Northwest of OPCAs	0.002**		11:45	
	West of OPCAs	0.003**		11:45	
10/27/06[12]	North of OPCAs	0.008**	0.005*	11:30	Calm
	Pittsfield Generating Co.	0.010**		11:15	
	Southeast of OPCAs	0.006**		11:30	
	Northwest of OPCAs	0.011**		11:30	
	West of OPCAs	0.006**		11:15	
10/30/06[12]	North of OPCAs	0.008**	0.001*	11:30	WNW
	Pittsfield Generating Co.	0.007**		11:30	
	Southeast of OPCAs	0.025**		11:30	
	Northwest of OPCAs	0.009**		11:30	
	West of OPCAs	0.008**		11:30	

TABLE 5-7
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2006

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

Sampling Date[1]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
10/31/06[12]	North of OPCAs	0.028**	0.011*	11:45	NA
	Pittsfield Generating Co.	0.016**		11:45	
	Southeast of OPCAs	0.016**		11:45	
	Northwest of OPCAs	0.025**		11:45	
	West of OPCAs	0.015**		11:45	
Notification Level		0.120			
Action Level		0.150			

Notes:

NA - Not Available

Concentrations with no asterisk measured with a pDR-1000.

* Measured with a DR-2000 or DR-4000

** Measured with an EBAM.

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

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

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

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

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

[4] Estimated logging period.

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

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

[7] The exceedances (bold concentrations) and overall high site values on this day are likely related to regional ambient pollutant and atmospheric conditions as reported by EPA and measured at several other sites in Pittsfield and other parts of New England. The relative difference between the background site concentration and the OPCAs site concentrations indicate that the OPCAs were not the significant contributor to these high values.

[8] Sampling period was shortened due to mid-morning notification of monitors needed.

[9] Represents data from a DR-4000 and an EBAM.

[10] Sampling period was shortened due to relocation of DR and EBAM monitors.

[11] Sampling period was shortened due to site access problem (accident on Merrill Road).

[12] Sampling period was lengthened at all sites due to longer workday schedule.

TABLE 5-8
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
October 2006

Month / Year	Total Volume of Leachate Transferred (Gallons)
October 2005	378,000
November 2005	162,500
December 2005	168,000
January 2006	185,000
February 2006	125,000
March 2006	70,000
April 2006	104,000
May 2006	137,000
June 2006	139,000
July 2006	111,000
August 2006	121,000
September 2006	110,000
October 2006	78,000

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)
OCTOBER 2006

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted plan to address the blockage within the storm sewer line located beneath the Hill 78 OPCA (October 20, 2006).

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

See Item 6.f below.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

Additional soil characterization activities were proposed in GE's September 18, 2006 Supplemental Data Letter. Following EPA approval of the proposed activities, GE will conduct the additional soil sampling and submit a Second Supplemental Data Letter (within 60 days of the EPA approval date).

TABLE 6-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING OCTOBER 2006

HILL 78 AREA-REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Building 78 Drum Sampling	C1352-1	9/22/06	Oil	SGS	PCB	10/4/06

TABLE 6-2
PCB DATA RECEIVED DURING OCTOBER 2006

BUILDING 78 DRUM SAMPLING
HILL 78 AREA REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
C1352-1	9/22/2006	ND(0.84)	ND(0.84)	ND(0.84)	ND(0.84)	ND(0.84)	ND(0.84)	ND(0.84)	ND(0.84)

Notes:
1. Sample was collected by BBL, an ARCADIS company (BBL), and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

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

a. Activities Undertaken/Completed

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

- Conducted a site walk with MDEP, Weston, and Woodlot Alternatives, Inc. on October 3, 2006 to observe the staked top-of-bank locations along Unkamet Brook south of Merrill Road.

b. Sampling/Test Results Received

None (Note: The data from the sub-slab soil gas and indoor air sampling conducted at Buildings 51 and 59 are presented in Item 23 below under Groundwater Management Area 3.)

c. Work Plans/Reports/Documents Submitted

None

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

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

- Submit to EPA surveyed line for top-of-bank of Unkamet Brook south of Merrill Road.*

- Submit plan for collecting information related to channel flow in Unkamet Brook.*

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

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

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

a. Activities Undertaken/Completed

- Completed soil remediation actions and began restoration activities.*
- Conducted Toxicity Characteristic Leaching Procedure (TCLP) sampling of soil from Parcel I8-23-6, as identified in Table 8-1.
- Conducted air monitoring for particulates in connection with remediation actions, as identified in Table 8-1.*
- Shipped TSCA material from remediation activities to Chemical Waste Management, Inc. (CWM) facility in Model City, NY.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted to EPA Addendum to Supplemental Information Package showing modified vegetation restoration plans as agreed with property owners (October 5, 2006).*

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

- Continue shipment of TSCA material from remediation activities to CWM facility in Model City, NY.
- Continue to plant trees in remediated areas in accordance with modified restoration plans.*
- Develop Conditional Solution notification letters to owners of properties where Conditional Solutions have been implemented.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

Received EPA approval of October 5, 2005 Addendum to Supplemental Information Package (October 18, 2006).

TABLE 8-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING OCTOBER 2006

FORMER OXBOW AREAS A AND C
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
TCLP Sampling	TCLP-I8-23-5N	9/20/06	0-1	Soil	SGS	TCLP	10/2/06
TCLP Sampling	TCLP-I8-23-6-NE	10/19/06	NA	Soil	SGS	TCLP	
TCLP Sampling	TCLP-I8-23-6-SOUTH	10/23/06	NA	Soil	SGS	TCLP	10/27/06
Ambient Air Particulate Matter Sampling	OX-3	10/10/06	NA	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	OX-3A	10/10/06	NA	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	OX-3B	10/10/06	NA	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Background Location	10/10/06	NA	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	OX-3	10/11/06	NA	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	OX-3A	10/11/06	NA	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	OX-3B	10/11/06	NA	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Background Location	10/11/06	NA	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	OX-3	10/12/06	NA	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	OX-3A	10/12/06	NA	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	OX-3B	10/12/06	NA	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Background Location	10/12/06	NA	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	OX-3	10/13/06	NA	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	OX-3A	10/13/06	NA	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	OX-3B	10/13/06	NA	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	Background Location	10/13/06	NA	Air	Berkshire Environmental	Particulate Matter	10/16/06
Ambient Air Particulate Matter Sampling	OX-3	10/16/06	NA	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	OX-3A	10/16/06	NA	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	OX-3B	10/16/06	NA	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Background Location	10/16/06	NA	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	OX-3	10/17/06	NA	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	OX-3A	10/17/06	NA	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	OX-3B	10/17/06	NA	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Background Location	10/17/06	NA	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	OX-3	10/18/06	NA	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	OX-3A	10/18/06	NA	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	OX-3B	10/18/06	NA	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Background Location	10/18/06	NA	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	OX-3	10/19/06	NA	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	OX-3A	10/19/06	NA	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	OX-3B	10/19/06	NA	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Background Location	10/19/06	NA	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	OX-3	10/20/06	NA	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	OX-3A	10/20/06	NA	Air	Berkshire Environmental	Particulate Matter	10/23/06

TABLE 8-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING OCTOBER 2006

FORMER OXBOW AREAS A AND C
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Ambient Air Particulate Matter Sampling	OX-3B	10/20/06	NA	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	Background Location	10/20/06	NA	Air	Berkshire Environmental	Particulate Matter	10/23/06
Ambient Air Particulate Matter Sampling	OX-3	10/23/06	NA	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	OX-3A	10/23/06	NA	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	OX-3B	10/23/06	NA	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	Background Location	10/23/06	NA	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	OX-3	10/24/06	NA	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	OX-3A	10/24/06	NA	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	OX-3B	10/24/06	NA	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	Background Location	10/24/06	NA	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	OX-3	10/25/06	NA	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	OX-3A	10/25/06	NA	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	OX-3B	10/25/06	NA	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	Background Location	10/25/06	NA	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	OX-3	10/26/06	NA	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	OX-3A	10/26/06	NA	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	OX-3B	10/26/06	NA	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	Background Location	10/26/06	NA	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	OX-3	10/27/06	NA	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	OX-3A	10/27/06	NA	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	OX-3B	10/27/06	NA	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	Background Location	10/27/06	NA	Air	Berkshire Environmental	Particulate Matter	10/30/06
Ambient Air Particulate Matter Sampling	OX-3	10/30/06	NA	Air	Berkshire Environmental	Particulate Matter	11/2/06
Ambient Air Particulate Matter Sampling	OX-3A	10/30/06	NA	Air	Berkshire Environmental	Particulate Matter	11/2/06
Ambient Air Particulate Matter Sampling	OX-3B	10/30/06	NA	Air	Berkshire Environmental	Particulate Matter	11/2/06
Ambient Air Particulate Matter Sampling	Background Location	10/30/06	NA	Air	Berkshire Environmental	Particulate Matter	11/2/06
Ambient Air Particulate Matter Sampling	OX-3	10/31/06	NA	Air	Berkshire Environmental	Particulate Matter	11/2/06
Ambient Air Particulate Matter Sampling	OX-3A	10/31/06	NA	Air	Berkshire Environmental	Particulate Matter	11/2/06
Ambient Air Particulate Matter Sampling	OX-3B	10/31/06	NA	Air	Berkshire Environmental	Particulate Matter	11/2/06
Ambient Air Particulate Matter Sampling	Background Location	10/31/06	NA	Air	Berkshire Environmental	Particulate Matter	11/2/06

TABLE 8-2
TCLP DATA RECEIVED DURING OCTOBER 2006

SOIL SAMPLING
FORMER OXBOW AREAS A & C
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	TCLP Regulatory Limits	TCLP-I8-23-5N 0-1 9/20/2006	TCLP-I8-23-6-South 0-0 10/23/2006
Volatile Organics			
1,1-Dichloroethene	0.7	ND(0.010)	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)	ND(0.010)
2-Butanone	200	ND(0.25)	ND(0.25)
Benzene	0.5	ND(0.010)	ND(0.010)
Carbon Tetrachloride	0.5	ND(0.010)	ND(0.010)
Chlorobenzene	100	ND(0.010)	ND(0.010)
Chloroform	6	ND(0.010)	ND(0.010)
Tetrachloroethene	0.7	ND(0.010)	ND(0.010)
Trichloroethene	0.5	ND(0.010)	ND(0.010)
Vinyl Chloride	0.2	ND(0.010)	ND(0.010)
Semivolatile Organics			
1,4-Dichlorobenzene	7.5	ND(0.010)	ND(0.010)
2,4,5-Trichlorophenol	400	ND(0.010)	ND(0.010)
2,4,6-Trichlorophenol	2	ND(0.010)	ND(0.010)
2,4-Dinitrotoluene	0.13	ND(0.010)	ND(0.010)
Cresol	200	ND(0.010)	ND(0.010)
Hexachlorobenzene	0.13	ND(0.010)	ND(0.010)
Hexachlorobutadiene	0.5	ND(0.010)	ND(0.010)
Hexachloroethane	3	ND(0.010)	ND(0.010)
Nitrobenzene	2	ND(0.010)	ND(0.010)
Pentachlorophenol	100	ND(0.050)	ND(0.050)
Pyridine	5	ND(0.010)	ND(0.010)
Organochlorine Pesticides			
Endrin	0.02	ND(0.0020)	ND(0.0020)
Gamma-BHC (Lindane)	0.4	ND(0.040)	ND(0.040)
Heptachlor	0.008	ND(0.0040)	ND(0.0040)
Heptachlor Epoxide	0.008	ND(0.0040)	ND(0.0040)
Methoxychlor	10	ND(0.10)	ND(0.10)
Technical Chlordane	0.03	ND(0.0030)	ND(0.0030)
Toxaphene	0.5	ND(0.050)	ND(0.050)
Herbicides			
2,4,5-TP	1	ND(0.10)	ND(0.10)
2,4-D	10	ND(0.40)	ND(0.40)
Inorganics			
Arsenic	5	ND(0.200)	ND(0.200)
Barium	100	0.448 B	0.852 B
Cadmium	1	0.00490 B	ND(0.100)
Chromium	5	0.0125 B	0.00600 B
Lead	5	0.0415 B	0.205
Mercury	0.2	ND(0.000570)	ND(0.000570)
Selenium	1	ND(0.200)	ND(0.200)
Silver	5	0.0191 B	0.0194 B

Notes:

1. Samples were collected by BBL, an ARCADIS company (BBL), and submitted to SGS Environmental Services, Inc. for analysis of TCLP constituents.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

Data Qualifiers:

Inorganics

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

TABLE 8-3
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING OCTOBER 2006[1]

PARTICULATE AMBIENT AIR CONCENTRATIONS
FORMER OXBOW AREAS A & C
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
10/10/06	OX-3	0.034	0.014*	10:45	Calm
	OX-3A	0.023		11:15	
	OX-3B	0.047		8:30[3]	
10/11/06	OX-3	0.017	0.006*	10:45	Variable
	OX-3A	0.009		9:00[3]	
	OX-3B	0.026		10:30	
10/12/06	OX-3	0.022*	0.009*	6:15[3]	Calm
	OX-3A	0.010*		10:45	
	OX-3B	0.014*		10:45	
10/13/06	OX-3	0.014*	0.006*	6:00[3]	SSW
	OX-3A	0.007*		11:15	
	OX-3B	0.005*		11:15	
10/16/06	OX-3	0.028	0.010*	11:00	SSW
	OX-3A	0.014*		11:00	
	OX-3B	0.015*		11:00	
10/17/06	OX-3	0.022*	0.019*	10:15	Variable
	OX-3A	0.025*		10:15	
	OX-3B	0.027*		10:15	
10/18/06	OX-3	0.012*	0.007*	11:30	WNW, NNW
	OX-3A	0.009*		11:30	
	OX-3B	0.011*		7:45[3]	
10/19/06	OX-3	0.033*	0.015*	10:15	SSW
	OX-3A	0.037*		10:30	
	OX-3B	0.018*		10:15	
10/20/06	OX-3	0.008*	0.004*	11:00	WNW
	OX-3A	0.011*		11:00	
	OX-3B	0.008*		11:00	
10/23/06	OX-3	0.010*	0.006*	10:15	WNW
	OX-3A	0.014*		10:15	
	OX-3B	0.005*		10:00	
10/24/06	OX-3	0.005*	0.002*	10:15	WNW
	OX-3A	0.007*		10:15	
	OX-3B	0.030*		10:15	
10/25/06	OX-3	0.001*	0.001*	10:15	WNW
	OX-3A	0.003*		10:15	
	OX-3B	0.018*		10:15	
10/26/06	OX-3	0.004*	0.001*	10:30	WNW
	OX-3A	0.005*		9:00[3]	
	OX-3B	0.019*		10:30	
10/27/06	OX-3	0.008*	0.005*	11:00	Calm
	OX-3A	0.015*		6:15[3]	
	OX-3B	0.000*		11:00	
10/30/06	OX-3	0.005*	0.001*	10:15	WNW
	OX-3A	0.005*		8:15[3]	
	OX-3B	0.010*		10:15	
10/31/06	OX-3	0.019*	0.011*	10:30	NA
	OX-3A	0.024*		9:15[3]	
	OX-3B	0.010*		10:15	
Notification Level		0.120			

TABLE 8-3
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING OCTOBER 2006[1]

PARTICULATE AMBIENT AIR CONCENTRATIONS
FORMER OXBOW AREAS A & C
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Notes:
NA - Not Available
* Measured with DR-2000 or DR-4000. No asterisk indicates measured with a pDR-1000
Background monitoring station is located east of Building 9B, between 9B and New York Avenue.
Predominant wind direction determined using hourly wind direction data from the Pittsfield Municipal Airport Weather Station.
[1] Monitoring was performed only on days when site activities occurred.
[2] The particulate monitors obtain real-time data. The sampling data were obtained by BEC on the sampling date.
[3] Sampling period was shortened due to instrument malfunction.

ITEM 9
LYMAN STREET AREA
(GECD430)
OCTOBER 2006

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

a. Activities Undertaken/Completed

Completed shipment of TSCA material from remediation activities to the Chemical Waste Management, Inc. facility in Model City, NY.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted to EPA Addendum to Supplemental Information Package for properties west of Lyman Street, showing modified vegetation restoration plans reflecting EPA's comments in a conditional approval letter of July 7, 2006 (October 5, 2006).

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

- Complete restoration activities at properties west of Lyman Street.
- Develop Conditional Solution notification letters to owners of properties west of Lyman Street.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

Received EPA approval of October 5, 2006 Addendum to Supplemental Information Package (October 18, 2006).

TABLE 9-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING OCTOBER 2006

LYMAN STREET AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Drum Sampling	BLDG78-F2918-0823	8/23/06	Liquid	SGS	PCB, VOC, SVOC, Total Metals	10/10/06

TABLE 9-2
DATA RECEIVED DURING OCTOBER 2006

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

Parameter	Sample ID: / Layer: / Date Collected:	BLDG78-F2918-0823 / Oil / 08/23/06	BLDG78-F2918-0823 / Water / 08/23/06
Volatile Organics			
2-Butanone		ND(250)	0.030 J
4-Methyl-2-pentanone		ND(250)	0.025 J
Acetone		ND(250)	0.12
Bromomethane		8.0 J	ND(0.010)
Carbon Disulfide		19 J	ND(0.010)
Chlorobenzene		39 J	ND(0.010)
Chloroethane		81	ND(0.010)
Chloromethane		45 J	0.0069 J
Iodomethane		25 J	0.0033 J
Toluene		39 J	ND(0.010)
Xylenes (total)		41 J	ND(0.010)
PCBs			
None Detected		--	--
Semivolatile Organics			
4-Aminobiphenyl		8.6 J	ND(0.010)
Anthracene		ND(9.6)	0.062
bis(2-Ethylhexyl)phthalate		78	0.018
Butylbenzylphthalate		27	ND(0.010)
Di-n-Butylphthalate		24	0.0056 J
Di-n-Octylphthalate		39	0.026
Diphenylamine		7.1 J	ND(0.010)
Fluoranthene		1.6 J	ND(0.010)
N-Nitrosodiphenylamine		7.1 J	ND(0.010)
Phenanthrene		2.5 J	ND(0.010)
Pyrene		8.3 J	ND(0.010)
Inorganics			
Barium		2.92 B	0.0141 B
Cadmium		0.155 B	0.0230
Chromium		0.130 B	0.00472 B
Lead		0.861 B	0.0395
Selenium		1.78	ND(0.0200)

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

Data Qualifiers:

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

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

ITEM 10
NEWELL STREET AREA I
(GECD440)
OCTOBER 2006

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

a. Activities Undertaken/Completed

Requested subordination agreements from Verizon and Western Massachusetts Electric Company for ERE at Parcel J9-23-23 (October 5, 2006).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Conduct semi-annual inspection of engineered barriers and restored and re-vegetated areas.
- Conduct annual determination of any change in ownership of properties with Conditional Solutions, and conduct annual inspection of those properties.
- Continue preparation of Final Completion Report.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

ITEM 11
NEWELL STREET AREA II
(GECD450)
OCTOBER 2006

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

a. Activities Undertaken/Completed

Continued shipment of soil excavated from Parcel J9-23-8 to the selected disposal facility located in Port Arthur, Texas.

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 shipments of soil excavated from Parcel J9-23-8 to the selected disposal facility located in Port Arthur, Texas.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

NEWELL STREET AREA II
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
DNAPL Sampling from Newell Street Trailer	NS-Tank1-Oil-1	9/14/06	Oil	SGS	PCB, VOC, SVOC, Total RCRA Metals, Flashpoint	10/3/06

TABLE 11-2
DATA RECEIVED DURING OCTOBER 2006

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

Parameter / Sample ID: / Date Collected:	NS-Tank1-Oil-1 09/14/06
Volatile Organics	
Carbon Tetrachloride	550000 J
Ethylbenzene	640000 J
Tetrachloroethene	1200000 J
Toluene	1400000
Trichloroethene	47000000
Xylenes (total)	6200000
PCBs	
Aroclor-1254	880000
Total PCBs	880000
Semivolatile Organics	
1,2,4-Trichlorobenzene	24000
1,4-Dichlorobenzene	950 J
Inorganics	
Barium	4.56 B
Cadmium	0.210 B
Chromium	0.519 B
Lead	0.908 B
Mercury	0.0422
Selenium	3.49
Waste Characterization	
Flash Point (^{o}F)	>200

Notes:

1. Sample was collected by BBL, an ARCADIS company (BBL), and submitted to SGS Environmental Services, Inc. for analysis of PCBs, volatiles, semivolatiles, metals, and flashpoint.
2. Only detected constituents are summarized.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles)

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

Inorganics

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

ITEM 12
FORMER OXBOW AREAS J & K
(GECD420)
OCTOBER 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

Submitted Addendum to Supplemental Information Package showing modified vegetation restoration plans as agreed with property owners (October 5, 2006).

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

- Plant trees and shrubs in remediated areas in accordance with modified restoration plans.
- Develop Conditional Solution notification letters to owners of properties where Conditional Solutions have been implemented.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

Received EPA approval of October 5, 2006 Addendum to Supplemental Information Package (October 18, 2006)

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

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Prepare report presenting results of seepage meter study and evaluation of total organic carbon (TOC) content in isolation layer.
- Prepare and submit report on inspection of restored bank vegetation.
- Prepare and submit report on inspection of aquatic habitat enhancement structures and armor stone.
- Revise and resubmit report on July 2006 bank erosion inspection.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

As noted above, GE plans to submit a report evaluating TOC content in the isolation layer in fall 2006. The Final Completion Report for Upper ½ Mile Reach Removal Action will be submitted following EPA review and approval of that report.

f. Proposed/Approved Work Plan Modifications

None

ITEM 14
HOUSATONIC RIVER AREA
1½ MILE REACH
(GECD820)
OCTOBER 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 GE's behalf, BBL performed a round of water column monitoring at nine locations along the Housatonic River between Coltsville, MA and Great Barrington, MA on October 26-27, 2006. Two of these locations are situated in the 1½ Mile Reach: Lyman Street Bridge (Location 4) and Pomeroy Avenue Bridge (Location 6A). A composite grab sample was collected at each location (at Pomeroy Avenue Bridge on October 26, 2006 and at Lyman Street Bridge on October 27, 2006) 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 OCTOBER 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	9/26/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	10/16/06
Monthly Water Column Sampling	Location-4	10/27/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-6A	9/26/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	10/16/06
Monthly Water Column Sampling	Location-6A	10/26/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	

TABLE 14-2
SAMPLE DATA RECEIVED DURING OCTOBER 2006

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

Sample ID	Location	Date Collected	Aroclor-1016, -1221, -1232, -1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-4	Lyman Street Bridge	9/26/06	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.603	3.60	0.0010
LOCATION-6A	Pomeroy Ave. Bridge	9/26/06	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.508	4.20	0.0012

Notes:

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

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

a. Activities Undertaken/Completed

- On GE's behalf, BBL performed a round of water column monitoring at nine locations along the Housatonic River between Coltsville and Great Barrington, MA, on October 26-27, 2006. 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 on October 26, 2006 downstream to upstream from Division Street Bridge (Location 13) to Pomeroy Avenue Bridge (Location 6A). On October 27, 2006, sampling activities were performed downstream to upstream from Lyman Street Bridge (Location 4) to Hubbard Avenue Bridge (Location 1). Composite grab samples were collected at each location sampled and submitted to Northeast Analytical for analysis of PCBs (total), TSS, POC, and chlorophyll-a, as identified in Table 15-1.

- On GE's behalf, BBL conducted fish sampling in the Massachusetts portion of the Housatonic River on October 10-19, 2006, for young-of-year largemouth bass, yellow perch, and bluegill/pumpkinseed. In total, 70 samples were collected using a boat electrofisher and submitted to Pace Analytical Laboratories (formerly EnChem Laboratories, Inc.) for analysis of PCB Aroclors and percent lipids in whole-body composite samples (minimum of five fish based on availability).

- On GE's behalf, the Academy of Natural Sciences of Philadelphia (ANSP) conducted additional sampling of fish in the Connecticut portion of the Housatonic River.

b. Sampling/Test Results

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted plan to EPA and Lead Administrative Trustee (LAT) for placement of riprap in an area adjacent to Woods Pond Dam (October 20, 2006).*

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

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

- Continue Housatonic River monthly water column monitoring.

- Provide EPA and LAT with work plan for installation of replacement gate at Rising Pond Dam.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 15-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING OCTOBER 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
2006 Housatonic River YOY Sampling	GD-BG-158	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	GD-BG-159	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	GD-BG-160	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	GD-BG-161	10/16/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	GD-BG-162	10/16/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	GD-BG-163	10/16/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	GD-LB-134	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	GD-LB-135	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	GD-LB-136	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	GD-LB-137	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	GD-LB-138	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	GD-LB-139	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	GD-LB-140	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	GD-PK-164	10/16/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	GD-PK-165	10/16/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	GD-PK-166	10/16/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	GD-PK-167	10/16/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR2-BG-107	10/10/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR2-BG-175	10/17/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR2-BG-176	10/17/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR2-BG-177	10/17/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR2-BG-180	10/18/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR2-BG-181	10/18/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR2-BG-182	10/18/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR2-LB-100	10/10/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR2-LB-101	10/10/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR2-LB-102	10/10/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR2-LB-103	10/10/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR2-LB-104	10/10/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR2-LB-105	10/10/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR2-LB-106	10/10/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR2-PK-108	10/10/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR2-PK-109	10/10/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR2-PK-110	10/10/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR2-PK-178	10/17/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR6-BG-152	10/12/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR6-BG-153	10/12/06	Biota	Pace Analytical	PCB, %Lipids	

TABLE 15-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING OCTOBER 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
2006 Housatonic River YOY Sampling	HR6-BG-154	10/12/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR6-BG-155	10/12/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR6-BG-156	10/12/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR6-BG-168	10/17/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR6-BG-169	10/17/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR6-BG-170	10/17/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR6-BG-171	10/17/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR6-LB-141	10/12/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR6-LB-142	10/12/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR6-LB-143	10/12/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR6-LB-144	10/12/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR6-LB-145	10/12/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR6-LB-146	10/12/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR6-LB-147	10/12/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR6-PK-157	10/12/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR6-YP-148	10/12/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR6-YP-149	10/12/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR6-YP-150	10/12/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR6-YP-151	10/12/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR6-YP-172	10/17/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR6-YP-173	10/17/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	HR6-YP-174	10/17/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	WP-BG-124	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	WP-BG-125	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	WP-BG-126	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	WP-BG-127	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	WP-BG-128	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	WP-BG-129	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	WP-BG-130	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	WP-BG-131	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	WP-LB-111	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	WP-LB-112	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	WP-LB-113	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	WP-LB-114	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	WP-LB-115	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	WP-LB-116	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	WP-LB-117	10/11/06	Biota	Pace Analytical	PCB, %Lipids	

TABLE 15-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING OCTOBER 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
2006 Housatonic River YOY Sampling	WP-PK-132	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	WP-PK-133	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	WP-YP-118	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	WP-YP-119	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	WP-YP-120	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	WP-YP-121	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	WP-YP-122	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	WP-YP-123	10/11/06	Biota	Pace Analytical	PCB, %Lipids	
2006 Housatonic River YOY Sampling	WP-YP-179	10/17/06	Biota	Pace Analytical	PCB, %Lipids	
Monthly Water Column Sampling	HR-D1 (Location-12)	10/26/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	HR-D1 (Location-12)	9/26/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	10/16/06
Monthly Water Column Sampling	Location-1	9/26/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	10/16/06
Monthly Water Column Sampling	Location-1	10/27/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-10	10/26/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-10	9/26/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	10/16/06
Monthly Water Column Sampling	Location-12	10/26/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-12	9/26/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	10/16/06
Monthly Water Column Sampling	Location-13	10/26/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-13	9/26/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	10/16/06
Monthly Water Column Sampling	Location-2	9/26/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	10/16/06
Monthly Water Column Sampling	Location-2	10/27/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-7	9/26/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	10/16/06
Monthly Water Column Sampling	Location-7	10/26/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-9	9/26/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	10/16/06
Monthly Water Column Sampling	Location-9	10/26/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	

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

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

TABLE 15-2
SAMPLE DATA RECEIVED DURING OCTOBER 2006

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

Sample ID	Location	Date Collected	Aroclor-1016, -1221, -1232, -1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-1	Hubbard Avenue Bridge	9/26/06	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.655	4.40	0.00050
LOCATION-2	Newell Street Bridge	9/26/06	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.517	3.30	0.00060
LOCATION-7	Holmes Road Bridge	9/26/06	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.412	4.00	0.0010
LOCATION-9	New Lenox Road Bridge	9/26/06	ND(0.0000220)	ND(0.0000220)	0.0000220 AF	0.0000230 AG	0.0000450	0.399	4.10	0.0018
LOCATION-10	Headwaters of Woods Pond	9/26/06	ND(0.0000220)	0.0000280 PE	0.0000330 AF	0.0000450 AG	0.000106	0.353	4.20	0.0018
LOCATION-12	Schweitzer Bridge	9/26/06 9/26/06	ND(0.0000220) [ND(0.0000220)]	0.0000270 PE [0.0000290 PE]	0.0000340 AF [0.0000380 AF]	0.0000430 AG [0.0000490 AG]	0.000104 [0.000116]	0.431 [0.452]	5.20 [4.40]	0.0033 [0.0033]
LOCATION-13	Division Street Bridge	9/26/06	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.407	4.00	0.0021

Notes:

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

Data Qualifiers:

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

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

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

a. Activities Undertaken/Completed

- Continued restoration activities at Phase 4 floodplain properties.
- Obtained access permission from MDFW to cross MDFW property to plant trees at Phase 4 floodplain properties.

b. Sampling/Test Results Received

See attached tables

c. Work Plans/Reports/Documents Submitted

Submitted letter summarizing the September 2006 inspection activities for the Phase 4 floodplain properties (October 11, 2006).

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

- Complete restoration activities at Phase 4 floodplain properties.
- Conduct inspections of backfilled/restored areas at Phase 3 floodplain properties.
- Develop Supplemental RD/RA Work Plan for certain Phase 2 floodplain properties.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

At EPA's request, GE will prepare Final Completion Reports for the 1½ Mile Floodplain Residential Properties and the 1½ Mile Floodplain Non-Residential Properties, including all phases together. GE anticipates submitting these reports in spring 2007.

f. Proposed/Approved Work Plan Modifications

None

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Floodplain Phase 4 Road Material Characterization	PHASE4-ROADMATERIAL-1	9/12/06	Soil	SGS	PCB, VOC, SVOC, Metals	10/2/06

TABLE 16&17-2
DATA RECEIVED DURING OCTOBER 2006

FLOODPLAIN PHASE 4 ROAD MATERIAL CHARACTERIZATION
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Date Collected:	Phase4-RoadMaterial-1 09/12/06
Volatile Organics	
None Detected	--
PCBs	
Aroclor-1254	0.049 J
Aroclor-1260	0.58
Total PCBs	0.629
Semivolatile Organics	
Benzo(a)anthracene	0.16 J
Benzo(a)pyrene	0.15 J
Benzo(b)fluoranthene	0.25 J
Chrysene	0.16 J
Fluoranthene	0.24 J
Phenanthrene	0.096 J
Pyrene	0.27 J
Inorganics	
Arsenic	1.54
Barium	12.4 B
Beryllium	0.0568 B
Cadmium	0.152 B
Chromium	3.01
Cobalt	2.54
Copper	7.37 B
Lead	8.22
Mercury	0.00769 B
Nickel	5.44
Tin	1.94 B
Vanadium	2.19 B
Zinc	23.2

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

Data Qualifiers:

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

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

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

ITEM 19
ALLENDALE SCHOOL PROPERTY
(GECD500)
OCTOBER 2006

a. Activities Undertaken/Completed

- Received results from outdoor air monitoring conducted by EPA.
- Received results from indoor environmental sampling conducted by the Massachusetts Department of Public Health (MDPH) at Allendale School, as well as blood serum testing performed by MDPH.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

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

a. Activities Undertaken/Completed

- Prepared and released Silver Lake Pilot Study Community Fact Sheet for public information (October 10, 2006).

- Collected water column samples from three locations within Silver Lake on five occasions (October 5, 12, 19, 25, and 30) for analysis of PCBs and total suspended solids, as identified in Table 20-1.

- Collected soil samples from Pittsfield Sand and Gravel and from Clarksburgh Construction Co. – as candidate materials for Pilot Study isolation layer (backfill) – on October 4, 2006, for analysis of PCBs and/or volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and metals, as identified in Table 20-1.

- Collected soil samples of backfill materials from mixed sources, to be used as Pilot Study isolation layer materials, for analysis of PCBs, TOC, and/or other constituents, as identified in Table 20-1 (samples with the prefix SL-BF).

- Initiated Pilot Study of sediment capping.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled Activities (next six weeks)

- Continue implementation of Pilot Study for sediments.

- Perform bank soil removal in conjunction with Pilot Study and prepare report thereon.

- Submit Addendum to Fourth Interim Pre-Design Investigation Report for Soils Adjacent to Silver Lake.

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

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 Backfill Sampling	Clark-Top-Soil-4	10/4/06	NA	Soil	SGS	VOC, SVOC, Metals	10/6/06
Silver Lake Backfill Sampling	CLARK-TOP-SOIL-5	10/4/06	NA	Soil	NEA	PCB	10/6/06
Silver Lake Backfill Sampling	CLARK-TOP-SOIL-6	10/4/06	NA	Soil	NEA	PCB	10/6/06
Silver Lake Backfill Sampling	Pittsfield-Pond-Sand-4	10/4/06	NA	Soil	SGS	VOC, SVOC, Metals	10/6/06
Silver Lake Backfill Sampling	PITTSFIELD-POND-SAND-5	10/4/06	NA	Sand	NEA	PCB	10/6/06
Silver Lake Backfill Sampling	PITTSFIELD-POND-SAND-6	10/4/06	NA	Sand	NEA	PCB	10/6/06
Silver Lake Backfill Sampling	PITTSFIELD-POND-SAND-7	10/4/06	NA	Sand	NEA	PCB	10/6/06
Silver Lake Backfill Sampling	PITTSFIELD-POND-SAND-8	10/4/06	NA	Sand	NEA	PCB	10/6/06
Silver Lake Backfill Sampling	SL-BF-101906-1A	10/19/06	NA	Soil	NEA	PCB	10/23/06
Silver Lake Backfill Sampling	SL-BF-101906-1B	10/19/06	NA	Soil	NEA	PCB	10/23/06
Silver Lake Backfill Sampling	SL-BF-101906-2A	10/19/06	NA	Soil	NEA	PCB	10/23/06
Silver Lake Backfill Sampling	SL-BF-101906-2B	10/19/06	NA	Soil	NEA	PCB	10/23/06
Silver Lake Backfill Sampling	SL-BF-101906-3A	10/19/06	NA	Soil	NEA	PCB	10/23/06
Silver Lake Backfill Sampling	SL-BF-101906-3B	10/19/06	NA	Soil	NEA	PCB	10/23/06
Silver Lake Backfill Sampling	SL-BF-102606-1	10/26/06	NA	Soil	NEA	PCB, TOC	10/30/06
Silver Lake Backfill Sampling	SL-BF-102606-2	10/26/06	NA	Soil	NEA	PCB, TOC	10/30/06
Silver Lake Backfill Sampling	SL-BF-102606-3	10/26/06	NA	Soil	NEA	PCB, TOC	10/30/06
Silver Lake Backfill Sampling	SL-BF-102606-4	10/26/06	NA	Soil	SGS	VOC, SVOC, Metals, Pest, Herb	10/31/06
Silver Lake Backfill Sampling	SL-BF-102706-1	10/27/06	NA	Soil	NEA	TOC	10/30/06
Silver Lake Backfill Sampling	SL-BF-102706-2	10/27/06	NA	Soil	NEA	TOC	10/30/06
Silver Lake Backfill Sampling	SL-BF-102706-3	10/27/06	NA	Soil	NEA	TOC	10/30/06
Silver Lake Backfill Sampling	SL-BF-103106-1	10/31/06	NA	Soil	NEA	TOC	
Silver Lake Backfill Sampling	SL-BF-103106-2	10/31/06	NA	Soil	NEA	TOC	
Silver Lake Backfill Sampling	SL-BF-103106-3	10/31/06	NA	Soil	NEA	TOC	
Silver Lake Backfill Sampling	SL-BF-103106-4	10/31/06	NA	Soil	NEA	TOC	
Silver Lake Backfill Sampling	SL-BF-TOC-1A	10/16/06	NA	Soil	NEA	TOC	10/18/06
Silver Lake Backfill Sampling	SL-BF-TOC-1B	10/16/06	NA	Soil	NEA	PCB, TOC	10/18/06
Silver Lake Backfill Sampling	SL-BF-TOC-2A	10/16/06	NA	Soil	NEA	TOC	10/18/06
Silver Lake Backfill Sampling	SL-BF-TOC-2B	10/16/06	NA	Soil	NEA	TOC	10/18/06
Silver Lake Backfill Sampling	SL-BF-TOC-3A	10/16/06	NA	Soil	NEA	TOC	10/18/06
Silver Lake Backfill Sampling	SL-BF-TOC-3B	10/16/06	NA	Soil	NEA	TOC	10/18/06
Silver Lake High Turbidity Water Sampling	SL-Water-Mon-1	10/30/06	NA	Water	NEA	PCB, TSS	
Silver Lake High Turbidity Water Sampling	SL-Water-Mon-2	10/30/06	NA	Water	NEA	PCB, TSS	
Silver Lake High Turbidity Water Sampling	SL-Water-Mon-3	10/30/06	NA	Water	NEA	PCB, TSS	
Silver Lake Pilot Study Bank Soil Sampling	RA4-PILOT-2	9/29/06	0-3	Soil	SGS	TCLP	10/6/06
Silver Lake Weekly Water Quality Monitoring	SL-Water-Mon-1	10/12/06	NA	Water	NEA	PCB, TSS	10/19/06
Silver Lake Weekly Water Quality Monitoring	SL-Water-Mon-1	10/25/06	NA	Water	NEA	PCB, TSS	

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

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 Weekly Water Quality Monitoring	SL-Water-Mon-1	9/27/06	NA	Water	NEA	PCB, TSS	10/6/06
Silver Lake Weekly Water Quality Monitoring	SL-Water-Mon-1	10/19/06	NA	Soil	NEA	PCB, TSS	10/26/06
Silver Lake Weekly Water Quality Monitoring	SL-Water-Mon-1	10/5/06	NA	Water	NEA	PCB, TSS	10/16/06
Silver Lake Weekly Water Quality Monitoring	SL-Water-Mon-2	9/27/06	NA	Water	NEA	PCB, TSS	10/6/06
Silver Lake Weekly Water Quality Monitoring	SL-Water-Mon-2	10/19/06	NA	Water	NEA	PCB, TSS	10/26/06
Silver Lake Weekly Water Quality Monitoring	SL-Water-Mon-2	10/5/06	NA	Water	NEA	PCB, TSS	10/16/06
Silver Lake Weekly Water Quality Monitoring	SL-Water-Mon-2	10/12/06	NA	Water	NEA	PCB, TSS	10/19/06
Silver Lake Weekly Water Quality Monitoring	SL-Water-Mon-2	10/25/06	NA	Water	NEA	PCB, TSS	
Silver Lake Weekly Water Quality Monitoring	SL-Water-Mon-3	10/19/06	NA	Water	NEA	PCB, TSS	10/26/06
Silver Lake Weekly Water Quality Monitoring	SL-Water-Mon-3	10/5/06	NA	Water	NEA	PCB, TSS	10/16/06
Silver Lake Weekly Water Quality Monitoring	SL-Water-Mon-3	9/27/06	NA	Water	NEA	PCB, TSS	10/6/06
Silver Lake Weekly Water Quality Monitoring	SL-Water-Mon-3	10/25/06	NA	Water	NEA	PCB, TSS	
Silver Lake Weekly Water Quality Monitoring	SL-Water-Mon-3	10/12/06	NA	Water	NEA	PCB, TSS	10/19/06
Silver Lake Weekly Water Quality Monitoring	SL-Water-Mon-Dup-1 (SL-Water-Mon-1)	10/5/06	NA	Water	NEA	PCB, TSS	10/16/06

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

TABLE 20-2
PCB SAMPLE DATA RECEIVED DURING OCTOBER 2006

WEEKLY WATER QUALITY MONITORING
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs	TSS
SL-WATER-MON-1	09/27/06	ND(0.000022)	0.00020 PB	ND(0.000022)	ND(0.000022)	0.000099 PE	0.000039 AF	0.000024 AG	0.000362	4.67
SL-WATER-MON-1	10/5/2006	ND(0.000022)	0.00018 PB	ND(0.000022)	ND(0.000022)	0.000084 PE	0.000035 AF	ND(0.000022)	0.000299	10.0
	10/5/2006	[ND(0.000022)]	[0.00014 PB]	[ND(0.000022)]	[ND(0.000022)]	[0.000072 PE]	[0.000030 AF]	[ND(0.000022)]	[0.000242]	[11.3]
SL-WATER-MON-1	10/12/2006	ND(0.000022)	0.00025 PB	ND(0.000022)	ND(0.000022)	0.00014 PE	0.000055 AF	0.000032 AG	0.000477	11.0
SL-WATER-MON-1	10/19/2006	ND(0.000022)	0.00017 PB	ND(0.000022)	ND(0.000022)	0.000098 PE	0.000028 AF	ND(0.000022)	0.000296	11.3
SL-WATER-MON-2	9/27/2006	ND(0.000022)	0.00025 PB	ND(0.000022)	ND(0.000022)	0.00013 PE	0.000053 AF	0.000033 AG	0.000466	7.00
SL-WATER-MON-2	10/5/2006	ND(0.000022)	0.00016 PB	ND(0.000022)	ND(0.000022)	0.000076 PE	0.000035 AF	ND(0.000022)	0.000271	2.93
SL-WATER-MON-2	10/12/2006	ND(0.000022)	0.00028 PB	ND(0.000022)	ND(0.000022)	0.00016 PE	0.000055 AF	0.000032 AG	0.000527	4.95
SL-WATER-MON-2	10/19/2006	ND(0.000022)	0.00018 PB	ND(0.000022)	ND(0.000022)	0.00010 PE	0.000033 AF	ND(0.000022)	0.000313	6.60
SL-WATER-MON-3	9/27/2006	ND(0.000022)	0.00024 PB	ND(0.000022)	ND(0.000022)	0.00011 PE	0.000051 AF	0.000033 AG	0.000434	7.80
SL-WATER-MON-3	10/5/2006	ND(0.000022)	0.00016 PB	ND(0.000022)	ND(0.000022)	0.000084 PE	0.000037 AF	ND(0.000022)	0.000281	3.00
SL-WATER-MON-3	10/12/2006	ND(0.000022)	0.00027 PB	ND(0.000022)	ND(0.000022)	0.00016 PE	0.000070 AF	0.000050 AG	0.00055	5.61
SL-WATER-MON-3	10/19/2006	ND(0.000022)	0.00021 PB	ND(0.000022)	ND(0.000022)	0.00012 PE	0.000038 AF	ND(0.000022)	0.000368	6.20

Notes:

1. Samples were collected by BBL, an ARCADIS company (BBL), and submitted to Northeast Analytical, Inc. for analysis of PCBs and total suspended solids (TSS).
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
3. Field duplicate sample results are presented in brackets.

Data Qualifiers:

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.
PB - Aroclor 1221 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1221 is not present in the sample, but is reported to more accurately quantify PCBs present in a sample that has undergone environmental alteration.
PE - Aroclor 1248 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1248 is not present in the sample, but is reported to more accurately quantify PCBs present in a sample that has undergone environmental alteration.

TABLE 20-3
PCB DATA RECEIVED DURING OCTOBER 2006

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

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
CLARK-TOP-SOIL-5	10/4/2006	ND(0.059)	ND(0.059)	ND(0.059)	ND(0.059)	ND(0.059)	ND(0.059)	ND(0.059)	ND(0.059)
CLARK-TOP-SOIL-6	10/4/2006	ND(0.057)	ND(0.057)	ND(0.057)	ND(0.057)	ND(0.057)	ND(0.057)	ND(0.057)	ND(0.057)
PITTSFIELD-POND-SAND-5	10/4/2006	ND(0.058)	ND(0.058)	ND(0.058)	ND(0.058)	ND(0.058)	ND(0.058)	ND(0.058)	ND(0.058)
PITTSFIELD-POND-SAND-6	10/4/2006	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)
PITTSFIELD-POND-SAND-7	10/4/2006	ND(0.058)	ND(0.058)	ND(0.058)	ND(0.058)	ND(0.058)	0.071 AF	ND(0.058)	0.071
PITTSFIELD-POND-SAND-8	10/4/2006	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)

Notes:

1. Samples were collected by BBL, an ARCADIS company (BBL), and submitted to Northeast Analytical, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

Data Qualifiers:

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

TABLE 20-4
DATA RECEIVED DURING OCTOBER 2006

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

Parameter / Sample ID: / Date Collected:	Clark-Top-Soil-4 10/04/06	Pittsfield-Pond-Sand-4 10/04/06
Volatile Organics		
Acetone	0.019	0.015
Semivolatile Organics		
Chrysene	0.080 J	ND(0.37)
Fluoranthene	0.11 J	ND(0.37)
Phenanthrene	0.076 J	ND(0.37)
Pyrene	0.10 J	ND(0.37)
Inorganics		
Antimony	0.173 B	0.0744 B
Arsenic	2.50	6.95
Beryllium	0.125 B	0.623 B
Cadmium	0.0235 B	ND(0.555)
Chromium	6.60	16.4
Cobalt	3.99	13.9
Copper	8.93 B	29.3
Lead	32.2	14.7
Mercury	0.0625	0.0163 B
Nickel	5.98 B	21.7
Selenium	2.65	1.63 B
Silver	0.218 B	0.154 B
Vanadium	11.4	15.8
Zinc	59.2	57.3

Notes:
1. Samples were collected by BBL, an ARCADIS company (BBL), and submitted to SGS Environmental Services, Inc. for analysis of volatiles, semivolatiles, and metals.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
3. Only those constituents detected in one or more samples are summarized.

Data Qualifiers:

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

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

TABLE 20-5
TCLP DATA RECEIVED DURING OCTOBER 2006

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

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	TCLP Regulatory Limits	RA4-Pilot-2 0-3 9/29/2006
Volatile Organics		
1,1-Dichloroethene	0.7	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)
2-Butanone	200	ND(0.25)
Benzene	0.5	ND(0.010)
Carbon Tetrachloride	0.5	ND(0.010)
Chlorobenzene	100	ND(0.010)
Chloroform	6	ND(0.010)
Tetrachloroethene	0.7	ND(0.010)
Trichloroethene	0.5	ND(0.010)
Vinyl Chloride	0.2	ND(0.010)
Semivolatile Organics		
1,4-Dichlorobenzene	7.5	ND(0.010)
2,4,5-Trichlorophenol	400	ND(0.010)
2,4,6-Trichlorophenol	2	ND(0.010)
2,4-Dinitrotoluene	0.13	ND(0.010)
Cresol	200	ND(0.010)
Hexachlorobenzene	0.13	ND(0.010)
Hexachlorobutadiene	0.5	ND(0.010)
Hexachloroethane	3	ND(0.010)
Nitrobenzene	2	ND(0.010)
Pentachlorophenol	100	ND(0.050)
Pyridine	5	ND(0.010)
Organochlorine Pesticides		
Endrin	0.02	ND(0.0020)
Gamma-BHC (Lindane)	0.4	ND(0.040)
Heptachlor	0.008	ND(0.0040)
Heptachlor Epoxide	0.008	ND(0.0040)
Methoxychlor	10	ND(0.10)
Technical Chlordane	0.03	ND(0.0030)
Toxaphene	0.5	ND(0.050)
Herbicides		
2,4,5-TP	1	ND(0.10)
2,4-D	10	ND(0.40)
Inorganics		
Arsenic	5	ND(0.200)
Barium	100	0.674 B
Cadmium	1	0.0188 B
Chromium	5	0.0423 B
Lead	5	0.191
Mercury	0.2	0.0000930 B
Selenium	1	ND(0.200)
Silver	5	ND(0.100)

Notes:

1. Sample was collected by BBL, an ARCADIS company (BBL), and submitted to SGS Environmental Services, Inc. for analysis of TCLP constituents.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

Data Qualifiers:

Inorganics

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

TABLE 20-6
PCB AND TOC DATA RECEIVED DURING OCTOBER 2006

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

Parameter / Sample ID: / Date Collected:	SL-BF-101906-1A 10/19/06	SL-BF-101906-1B 10/19/06	SL-BF-101906-2A 10/19/06	SL-BF-101906-2B 10/19/06	SL-BF-101906-3A 10/19/06	SL-BF-101906-3B 10/19/06
PCBs						
None Detected	--	--	--	--	--	--
Total Organic Carbon						
TOC - Replicate 1	NA	NA	NA	NA	NA	NA
TOC - Replicate 2	NA	NA	NA	NA	NA	NA
TOC - Replicate 3	NA	NA	NA	NA	NA	NA
TOC - Average	NA	NA	NA	NA	NA	NA
TOC - % RSD	NA	NA	NA	NA	NA	NA

TABLE 20-6
PCB AND TOC DATA RECEIVED DURING OCTOBER 2006

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

Parameter / Sample ID: / Date Collected:	SL-BF-102606-1 10/26/06	SL-BF-102606-2 10/26/06	SL-BF-102606-3 10/26/06	SL-BF-102706-1 10/27/06	SL-BF-102706-2 10/27/06	SL-BF-102706-3 10/27/06
PCBs						
None Detected	--	--	--	NA	NA	NA
Total Organic Carbon						
TOC - Replicate 1	12000	19000	15000	6500	8700	11000
TOC - Replicate 2	12000	13000	11000	9200	9700	8800
TOC - Replicate 3	13000	18000	14000	7800	10000	12000
TOC - Average	12000	17000	13000	8500	9500	11000
TOC - % RSD	6.7	17	16	17	7.6	16

TABLE 20-6
PCB AND TOC DATA RECEIVED DURING OCTOBER 2006

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

Parameter / Sample ID: / Date Collected:	SL-BF-TOC-1A 10/16/06	SL-BF-TOC-1B 10/16/06	SL-BF-TOC-2A 10/16/06	SL-BF-TOC-2B 10/16/06	SL-BF-TOC-3A 10/16/06	SL-BF-TOC-3B 10/16/06
PCBs						
None Detected	NA	--	NA	NA	NA	NA
Total Organic Carbon						
TOC - Replicate 1	7000	13000	13000	8400	10000	9000
TOC - Replicate 2	8000	11000	10000	8800	12000	9400
TOC - Replicate 3	8200	14000	13000	9100	10000	8900
TOC - Average	7700	13000	12000	8800	11000	9100
TOC - % RSD	8.6	9.5	11	3.8	7.0	2.9

Notes:
1. Samples were collected by BBL, an ARCADIS company (BBL), and submitted to Northeast Analytical, Inc. for analysis of PCBs and total organic carbon (TOC).
2. NA - Not Analyzed.
3. % RSD - Percent relative standard deviation.
4. -- Indicates that all constituents for the parameter group were not detected.
5. Only those constituents detected in one or more samples are summarized.

TABLE 20-7
APPENDIX IX+3 DATA RECEIVED DURING OCTOBER 2006

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

Parameter / Sample ID: / Date Collected:	SL-BF-102606-4 10/26/06
Volatile Organics	
Acetone	0.014
Methylene Chloride	0.0089
Semivolatile Organics	
None Detected	--
Organochlorine Pesticides	
4,4'-DDT	0.0031 J
Methoxychlor	0.0033 J
Herbicides	
None Detected	--
Inorganics	
Arsenic	3.42
Barium	40.1 B
Beryllium	0.827 B
Cadmium	0.910
Chromium	11.6
Cobalt	7.84
Copper	14.4 B
Lead	13.6
Mercury	0.0542
Nickel	13.5
Selenium	4.52
Silver	0.177 B
Thallium	0.513 B
Vanadium	12.8
Zinc	51.7

Notes:

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

Data Qualifiers:

Organics (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 PQL.

ITEM 21
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
OCTOBER 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.

- Conducted semi-annual groundwater elevation and NAPL monitoring event.

East Street Area 1-North and South:

- Continued automated groundwater and NAPL pumping at North Side and South Side Caissons. No LNAPL was recovered from the North Side Caisson in October. Approximately 1.0 gallon of LNAPL was recovered from the South Side Caisson in October.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 6.0 liters (1.583 gallons) of LNAPL were removed from this area during October.

East Street Area 2-South:

- Continued automated groundwater and LNAPL removal activities. A total of approximately 3,202,667 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 634 gallons of LNAPL were removed from pumping systems 64R, 64V, RW-1(S), RW-1(X), 64X, and 64S Caisson.

- Continued automated DNAPL removal activities. Approximately 22 gallons of DNAPL were removed from pumping system RW-3(X) during October.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 3.393 liters (0.895 gallon) of LNAPL were removed from wells in this area during October. No DNAPL was removed from wells in this area during October.

- Treated/discharged 3,598,661 gallons of water through 64G Groundwater Treatment Facility.

- Installed an oil skimmer in well GMA1-17W and initiated automated LNAPL recovery on October 5, 2006.

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

a. Activities Undertaken/Completed (cont'd)

East Street Area 2-North:

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

20s, 30s, and 40s Complexes:

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

Lyman Street Area:

- Continued automated groundwater and NAPL removal activities. A total of approximately 184,541 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 October.

- Continued routine well monitoring and NAPL removal activities. No LNAPL was removed from wells in this area during October. Approximately 0.993 liter (0.262 gallon) of DNAPL were removed from wells in this area during October.

Newell Street Area II:

- Continued automated DNAPL removal activities. A total of approximately 340.2 gallons of DNAPL was removed by System 2 in October.

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

Silver Lake Area:

- Continued routine monitoring of staff gauge in lake.

b. Sampling/Test Results Received

See attached tables.

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

c. Work Plans/Reports/Documents Submitted

Submitted *Evaluation of Additional Recovery Measures and Proposal to Install LNAPL Recovery Well – 60s Complex* (October 30, 2006).

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

- Continue routine groundwater and NAPL monitoring/recovery activities.
- Repair/replace wells that were damaged during Newell Street Area II Removal Action.
- Remove/replace or modify selected wells on the 20s and 30s Complexes per GE's approved May 22, 2006 proposal.
- Remove oil skimmer from well 40R.
- Perform supplemental groundwater sampling activities at two wells, as approved by EPA in its September 27, 2006 conditional approval letter for GE's Groundwater Quality Monitoring Interim Report for Spring 2006.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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
October 2006

Caisson	Month	Vol. LNAPL Collected (gallon)	Vol. Water Recovered (gallon)	Percent Downtime
Northside	October 2005	24.0	8,900	26.34
	November 2005	4.0	52,000	
	December 2005	12.0	33,900	
	January 2006	1.0	44,300	
	February 2006	1.0	27,700	
	March 2006	5.0	26,800	0.71
	April 2006	0.0	17,500	
	January 1900	0.0	20,500	
	June 2006	0.0	51,700	
	July 2006	0.0	18,500	
	August 2006	0.0	21,700	
	September 2006	0.0	13,000	0.89
	October 2006	0.0	17,000	
Southside	October 2005	4.0	71,000	4.91
	November 2005	2.0	96,600	
	December 2005	0.0	112,800	
	January 2006	15.0	98,400	
	February 2006	0.0	98,500	
	March 2006	3.0	121,500	0.71
	April 2006	12.0	76,200	
	May 2006	12.0	73,500	
	June 2006	0.0	160,900	
	July 2006	0.0	58,900	
	August 2006	0.0	84,900	
	September 2006	25.0	59,400	0.89
	October 2006	1.0	55,800	

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
October 2006

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	October 2006 Removal (liters)
North Caisson	10/11/2006	18.81	18.56	0.25	6.000	6.000

Total Manual LNAPL Removal for October 2006: 6.000 liters
1.583 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
October 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									
25	1000.70	10/25/06	5.83	5.82	0.01	---	14.88	0.00	994.88
49	999.90	10/24/06	5.30	---	0.00	---	20.50	0.00	994.60
52	999.26	10/24/06	4.87	---	0.00	---	12.80	0.00	994.39
60R	1004.03	10/24/06	10.46	---	0.00	---	19.08	0.00	993.57
105	1002.85	10/27/06	11.78	11.40	0.38	---	17.40	0.00	991.42
106	1004.06	10/24/06	7.88	7.55	0.33	---	12.48	0.00	996.49
107	1003.86	10/24/06	7.41	7.40	0.01	---	17.70	0.00	996.46
108A	1007.79	10/24/06	10.05	---	0.00	---	21.77	0.00	997.74
109A	1005.43	10/24/06	8.37	---	0.00	---	20.80	0.00	997.06
118	1001.50	10/24/06	4.11	4.10	0.01	---	7.05	0.00	997.40
120	1001.30	10/24/06	Casing destroyed, well not available for measuring					0.00	NA
128	1001.41	10/24/06	6.71	---	0.00	---	9.55	0.00	994.70
131	1001.18	10/24/06	4.33	---	0.00	---	6.56	0.00	996.85
140	1000.30	10/24/06	7.60	7.59	0.01	---	15.27	0.00	992.71
ES1-08	1000.85	10/24/06	5.25	---	0.00	---	13.40	0.00	995.60
North Caisson	997.84	10/4/06	18.24	18.23	0.01	---	19.80	0.00	979.61
North Caisson	997.84	10/11/06	18.81	18.56	0.25	---	19.80	0.00	979.26
North Caisson	997.84	10/18/06	18.14	P	< 0.01	---	19.80	0.00	979.70
North Caisson	997.84	10/25/06	17.01	17.00	0.01	---	19.80	0.00	980.84
GMA 1 - East Street Area 1 - South									
31R	1,000.23	10/24/06	8.93	---	0.00	---	15.05	0.00	991.30
33	999.50	10/24/06	5.84	---	0.00	---	21.15	0.00	993.66
34	999.90	10/24/06	5.68	5.66	0.02	---	21.00	0.00	994.24
35	1000.15	10/24/06	5.61	5.60	0.01	---	9.60	0.00	994.55
45	1000.10	10/24/06	5.66	5.65	0.01	---	20.76	0.00	994.45
46	999.80	10/24/06	5.86	---	0.00	---	17.25	0.00	993.94
72	1000.62	10/24/06	6.38	6.37	0.01	---	21.94	0.00	994.25
72R	1000.92	10/24/06	6.11	---	0.00	---	13.30	0.00	994.81
75	1000.65	10/24/06	6.24	---	0.00	---	20.58	0.00	994.41
76	1000.45	10/24/06	7.00	6.80	0.20	---	18.65	0.00	993.64
78	997.61	10/27/06	3.30	---	0.00	---	21.92	0.00	994.31
80	989.98	10/27/06	4.70	---	0.00	---	24.83	0.00	985.28
90	987.65	10/27/06	5.65	---	0.00	---	12.24	0.00	982.00
139R	986.91	10/25/06	9.72	---	0.00	---	14.11	0.00	977.19
ES1-13	999.93	10/27/06	6.24	---	0.00	---	12.30	0.00	993.69
ES1-23R	989.94	10/27/06	3.10	---	0.00	---	16.07	0.00	986.84
GMA1-6	1000.44	10/25/06	7.79	---	0.00	---	15.00	0.00	992.65
GMA1-7	985.81	10/25/06	11.60	---	0.00	---	14.85	0.00	974.21
GMA1-18	998.29	10/25/06	5.79	---	0.00	---	13.53	0.00	992.50

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
October 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)
South Caisson	1001.11	10/4/06	12.91	P	< 0.01	---	15.00	0.00	988.20
South Caisson	1001.11	10/11/06	14.32	P	< 0.01	---	15.00	0.00	986.79
South Caisson	1001.11	10/18/06	14.49	14.48	0.01	---	15.00	0.00	986.63
South Caisson	1001.11	10/25/06	13.49	13.48	0.01	---	15.00	0.00	987.63

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
October 2006

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
GMA1-17W	October 2006	21		
40R	October 2005	0		
	November 2005	0		
	December 2005	0		
	January 2006	0		
	February 2006	0		
	March 2006	0		
	April 2006	0		
	May 2006	0		
	June 2006	0		
	July 2006	0		
	August 2006	0		
	September 2006	0		
	October 2006	0		
64R	October 2005	75	492,200	10.71
	November 2005	125	988,100	
	December 2005	400	1,062,900	
	January 2006	400	896,700	
	February 2006	375	899,800	
	March 2006	150	170,611	0.71
	April 2006	75	375,609	
	May 2006	75	435,398	
	June 2006	550	720,359	
	July 2006	250	345,697	
	August 2006	25	38,948	
	September 2006	75	4,627	0.89
	October 2006	0	16,844	0.15
64S System	October 2005	82	541,419	10.71
	November 2005	324	1,014,521	
	December 2005	170	927,871	
	January 2006	245	1,080,795	
	February 2006	673	1,304,005	
	March 2006	1,285	1,078,733	2.14
	April 2006	558	696,282	5.36
	May 2006	51	668,110	1.79
	June 2006	327	1,061,071	0.93
	July 2006	472	732,853	0.93
	August 2006	238	646,128	
	September 2006	188	393,032	0.89
	October 2006	82	400,898	0.30
64V [1]	October 2005	564	933,400	4.91
	November 2005	515	1,304,100	
	December 2005	564	1,117,000	
	January 2006	697	1,208,800	
	February 2006	598	1,177,900	
	March 2006	315	1,251,800	0.71
	April 2006	249	901,800	
	May 2006	431	911,700	
	June 2006	697	1,228,300	
	July 2006	548	885,300	
	August 2006	548	1,016,400	
	September 2006	332	794,600	0.89
	October 2006	432	825,400	0.15

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
October 2006

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64X	October 2005	25	403,200	21.43
	November 2005	0	489,600	
	December 2005	6	417,600	
	January 2006	1	417,600	
	February 2006	1	388,800	
	March 2006	1	504,000	0.71
	April 2006	1	403,200	
	May 2006	83	403,200	
	June 2006	14	518,400	
	July 2006	28	388,800	
	August 2006	127	504,000	
	September 2006	24.2	403,200	0.89
	October 2006	68.2	403,200	0.15
RW-2(X)	October 2005	0	529,600	
	November 2005	0	573,600	
	December 2005	0	491,800	
	January 2006	0	710,700	
	February 2006	0	1,288,600	
	March 2006	0	1,081,726	0.71
	April 2006	10	408,494	
	May 2006	0	652,543	
	June 2006	0	1,463,805	
	July 2006	0	1,076,551	
	August 2006	0	1,146,830	
	September 2006	1	546,233	0.89
	October 2006	0	574,780	0.15
RW-1(S) [2]	October 2005	43	783,765	
	November 2005	42	1,103,548	
	December 2005	40	900,898	
	January 2006	30	270,228	
	February 2006	27	1,042,895	
	March 2006	40	1,049,702	0.71
	April 2006	57	736,984	
	May 2006	77	744,621	
	June 2006	59	935,039	4.63
	July 2006	28	722,887	
	August 2006	17	741,315	
	September 2006	12	554,826	0.89
	October 2006	31	583,596	0.00
RW-1(X)	October 2005	0	299,300	
	November 2005	0	390,700	
	December 2005	0	324,500	
	January 2006	0	417,500	
	February 2006	0	381,500	
	March 2006	0	119,720	0.71
	April 2006	0	403,940	
	May 2006	0	385,828	
	July 2006	0	561,633	
	June 2006	0	369,041	
	August 2006	0	471,215	
	September 2006	1.1	374,761	0.89
	October 2006	0	397,949	0.15

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
October 2006

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
RW-3(X)	October 2005	19		35.71
	November 2005	51		5.88
	December 2005	31		
	January 2006	27		
	February 2006	20		
	March 2006	36		
	April 2006	29		
	May 2006	29		
	June 2006	42		
	July 2006	28		
	August 2006	37		
	September 2006	26		
	October 2006	22		

Summary of Total Automated Removal		
Water:	**3,202,667**	**Gallons**
LNAPL:	**634**	**Gallons**
DNAPL:	**22**	**Gallons**

Notes:

1. The flow meter at recovery well 64V was reset in December 2004.
2. The flow meter at recovery well RW-1(S) was reset in January 2006.
3. The flow meters at recovery wells RW-1(X), RW-2(X), 64X(W), and 64R were reset in March 2006.
4. 40R recovery system taken out of service on 10/16/2006.
5. GMA1-17W recovery system online, product in recovery tank mostly water from start-up.

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
October 2006

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	October 2006 Removal (liters)
GMA1-15	10/4/06	16.07	15.60	0.47	0.290	1.820
GMA1-15	10/11/06	16.60	15.76	0.84	0.518	
GMA1-15	10/16/06	16.15	15.50	0.65	0.401	
GMA1-15	10/23/06	15.25	14.86	0.39	0.241	
GMA1-15	10/31/06	15.40	14.80	0.60	0.370	
GMA1-16	10/4/06	13.93	13.80	0.13	0.080	0.395
GMA1-16	10/11/06	14.10	13.90	0.20	0.123	
GMA1-16	10/16/06	13.95	13.74	0.21	0.130	
GMA1-16	10/23/06	13.13	13.10	0.03	0.019	
GMA1-16	10/31/06	13.05	12.98	0.07	0.043	
GMA1-19	10/4/06	11.48	11.43	0.05	0.031	1.178
GMA1-19	10/11/06	12.02	11.60	0.42	0.259	
GMA1-19	10/16/06	11.77	11.27	0.50	0.308	
GMA1-19	10/23/06	10.73	10.10	0.63	0.389	
GMA1-19	10/31/06	10.91	10.60	0.31	0.191	

Total LNAPL Removal East Street Area 2 - South for October 2006: 3.393 liters
0.895 gallons

Total LNAPL Removal for October 2006: 3.393 liters
0.895 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
October 2006

Date	Housatonic River Discharge (gallons)	Recharge Pond Discharge (gallons)	Total Discharge (gallons)
October 2005	5,156,510	177,795	5,334,305
November 2005	5,221,180	163,951	5,385,131
December 2005	5,678,290	104,185	5,782,475
January 2006	6,317,250	89,159	6,406,409
February 2006	8,371,400	114,659	8,486,059
March 2006	5,301,850	200,184	5,502,034
April 2006	4,830,590	255,870	5,086,460
May 2006	5,110,840	263,791	5,374,631
June 2006	5,067,810	293,825	5,361,635
July 2006	4,631,550	348,554	4,980,104
August 2006	3,542,620	322,375	3,864,995
September 2006	2,938,190	327,432	3,265,622
October 2006	3,358,570	240,091	3,598,661

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
October 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)
20's Complex									
CC	998.84	10/23/06	20.11	20.08	0.03	---	27.30	0.00	978.76
EE	1,004.27	10/23/06	25.29	---	0.00	---	33.67	0.00	978.98
FF	1,005.70	10/23/06	25.74	---	0.00	---	32.78	0.00	979.96
GG	1,007.40	10/23/06	25.60	---	0.00	---	34.31	0.00	981.80
II	1,007.26	10/23/06	27.82	---	0.00	---	31.68	0.00	979.44
JJ	1,006.38	10/23/06	27.31	---	0.00	---	36.11	0.00	979.07
LL-R	1,010.39	10/23/06	29.36	---	0.00	---	35.42	0.00	981.03
O-R	1,000.42	10/23/06	15.93	---	0.00	---	21.52	0.00	984.49
P-R	1,005.01	10/23/06	26.61	---	0.00	---	28.11	0.00	978.40
QQ-R	998.32	10/23/06	19.57	---	0.00	---	28.11	0.00	978.75
U	998.89	10/23/06	20.53	---	0.00	---	26.56	0.00	978.36
Y	1,002.86	10/23/06	24.30	24.29	0.01	---	28.44	0.00	978.57
30's Complex									
95-15	986.38	10/23/06	8.30	---	0.00	---	16.50	---	978.08
95-16	1,007.65	10/23/06	15.53	---	0.00	---	22.71	0.00	992.12
ES2-19	1,007.22	10/23/06	13.23	---	0.00	---	18.62	0.00	993.99
GMA1-10	984.86	10/23/06	7.69	---	0.00	---	19.80	0.00	977.17
GMA1-12	992.26	10/23/06	16.02	---	0.00	---	22.15	0.00	976.24
RF-02	982.43	10/23/06	5.68	---	0.00	---	18.25	0.00	976.75
RF-03	985.40	10/23/06	9.39	---	0.00	---	18.45	0.00	976.01
RF-03D	985.31	10/23/06	7.75	---	0.00	---	35.97	0.00	977.56
RF-16	987.91	10/23/06	9.64	---	0.00	---	20.75	0.00	978.27
40s Complex									
95-17	1,007.67	10/23/06	23.94	---	0.00	---	25.79	0.00	983.73
RF-4	1,011.99	10/23/06	Buried		NA	---	---	0.00	NA
East Street Area 2 - North									
05-N	1,009.23	10/24/06	24.48	24.47	0.01	---	27.66	0.00	984.76
11-N	1,010.85	10/24/06	30.42	---	0.00	---	35.78	0.00	980.43
14-N	1,010.53	10/24/06	23.59	23.40	0.19	---	30.36	0.00	987.12
16-N	1,010.65	10/24/06	30.98	---	0.00	---	47.19	0.00	979.67
17A	1,023.86	10/24/06	7.06	---	0.00	---	19.44	0.00	1,016.80
17-N	1,010.49	10/24/06	30.59	30.57	0.02	---	38.77	0.00	979.92
19-N	1,010.68	10/24/06	Dry	---	0.00	---	27.11	0.00	983.57
20-N	1,010.66	10/24/06	29.01	29.00	0.01	---	36.67	0.00	981.66
23-N	1,011.13	10/24/06	30.87	30.70	0.17	---	38.22	0.00	980.42
24-N	1,010.50	10/24/06	29.81	29.80	0.01	---	33.68	0.00	980.70
27-N	1,010.40	10/24/06	Could not find well		NA	---	---	0.00	NA
95-12	1,010.20	10/24/06	Submerged under puddle		NA	---	---	0.00	NA
ES1-05	1,023.33	10/24/06	39.58	---	0.00	---	43.99	0.00	983.75
ES1-05	1,023.33	10/26/06	39.51	---	0.00	---	44.16	0.00	983.82
ES1-18	1,049.71	10/24/06	5.44	---	0.00	---	14.25	0.00	1,044.27
ES1-20	1,001.56	10/24/06	14.06	---	0.00	---	19.54	0.00	987.50
ES1-20	1,001.56	10/26/06	14.01	---	0.00	---	19.52	0.00	987.55
ES1-27R	1,023.19	10/24/06	20.34	---	0.00	---	21.88	0.00	1,002.85

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
October 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)
East Street Area 2 - South									
01R	992.72	10/25/06	12.14	---	0.00	---	24.64	0.00	980.58
02	995.64	10/25/06	17.93	---	0.00	---	23.30	0.00	977.71
05	996.10	10/25/06	14.90	---	0.00	---	23.45	0.00	981.20
06	991.18	10/25/06	15.50	---	0.00	---	23.68	0.00	975.68
09R	986.88	10/25/06	13.20	---	0.00	---	19.56	0.00	973.68
10	987.95	10/24/06	14.45	---	0.00	---	14.78	0.00	973.50
13	990.88	10/23/06	17.41	17.35	0.06	---	22.60	0.00	973.53
14	991.61	10/23/06	17.53	17.45	0.08	---	25.65	0.00	974.15
16R	987.10	10/23/06	13.05	---	0.00	---	28.50	0.00	974.05
19	983.59	10/4/06	11.35	---	0.00	---	18.10	0.00	972.24
19	983.59	10/11/06	11.52	---	0.00	---	18.10	0.00	972.07
19	983.59	10/16/06	11.14	---	0.00	---	18.09	0.00	972.45
19	983.59	10/23/06	10.51	---	0.00	---	18.09	0.00	973.08
19	983.59	10/31/06	10.48	---	0.00	---	18.09	0.00	973.11
25R	998.31	10/25/06	21.68	21.30	0.38	---	30.78	0.00	976.98
26RR	1,000.58	10/23/06	23.10	23.00	0.10	---	28.50	0.00	977.57
28	991.86	10/25/06	17.58	---	0.00	---	21.59	0.00	974.28
29	991.59	10/25/06	18.35	18.00	0.35	---	21.97	0.00	973.57
30	989.34	10/25/06	13.55	11.85	1.70	---	22.30	0.00	977.37
31	990.60	10/25/06	13.35	---	0.00	---	22.90	0.00	977.25
32	990.81	10/25/06	12.38	---	0.00	---	16.72	0.00	978.43
34	982.54	10/23/06	7.86	---	0.00	---	10.60	0.00	974.68
35	982.81	10/23/06	6.00	---	0.00	---	12.15	0.00	976.81
36	983.02	10/23/06	8.20	---	0.00	---	13.40	0.00	974.82
37	980.37	10/23/06	5.82	---	0.00	---	12.23	0.00	974.55
38	980.77	10/23/06	4.80	---	0.00	---	13.70	0.00	975.97
40R	991.60	10/4/06	18.65	---	0.00	---	NM	0.00	972.95
40R	991.60	10/11/06	18.80	---	0.00	---	NM	0.00	972.80
42	988.33	10/24/06	12.00	---	0.00	---	18.73	0.00	976.33
43	989.67	10/24/06	14.40	---	0.00	---	22.50	0.00	975.27
44	988.33	10/24/06	12.60	---	0.00	---	19.00	0.00	975.73
47	991.09	10/25/06	18.46	17.47	0.99	---	22.98	0.00	973.55
48	992.39	10/25/06	17.15	15.33	1.82	---	22.56	0.00	976.93
49R	988.71	10/23/06	15.05	---	0.00	---	24.88	0.00	973.66
49RR	989.80	10/23/06	16.30	---	0.00	---	23.05	0.00	973.50
50	985.79	10/23/06	10.88	10.85	0.03	---	23.45	0.00	974.94
51	985.38	10/23/06	11.65	---	0.00	---	23.97	0.00	973.73
52	985.18	10/23/06	11.70	---	0.00	---	23.95	0.00	973.48
53	986.90	10/23/06	13.43	---	0.00	---	25.49	0.00	973.47
54	985.78	10/23/06	12.80	---	0.00	---	25.60	0.00	972.98
55	989.45	10/25/06	16.70	16.20	0.50	---	30.04	0.00	973.22
57	989.80	10/24/06	12.60	---	0.00	---	27.21	0.00	977.20
58	985.79	10/25/06	12.70	12.68	0.02	---	24.06	0.00	973.11
59	986.32	10/25/06	14.40	---	0.00	---	26.00	0.00	971.92
64	984.98	10/23/06	12.00	---	0.00	---	21.03	0.00	972.98
64R	993.37	10/4/06	16.20	P	< 0.01	---	20.50	0.00	977.17
64R	993.37	10/11/06	16.24	P	< 0.01	---	20.50	0.00	977.13
64R	993.37	10/18/06	16.01	P	< 0.01	---	20.50	0.00	977.36
64R	993.37	10/25/06	15.56	15.55	0.01	---	20.50	0.00	977.82
64S	984.48	10/4/06	19.20	P	< 0.01	---	28.70	0.00	965.28
64S	984.48	10/11/06	19.15	P	< 0.01	---	28.70	0.00	965.33
64S	984.48	10/18/06	14.46	P	< 0.01	---	28.70	0.00	970.02
64S	984.48	10/25/06	19.20	P	< 0.01	---	28.70	0.00	965.28
64S-Caisson	NA	10/4/06	10.75	P	< 0.01	---	14.55	0.00	NA
64S-Caisson	NA	10/11/06	10.92	10.90	0.02	---	14.55	0.00	NA

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
October 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)
64S-Caisson	NA	10/18/06	10.59	P	< 0.01	---	14.55	0.00	NA
64S-Caisson	NA	10/25/06	10.44	10.42	0.02	---	14.55	0.00	NA
64V	987.29	10/4/06	22.00	21.60	0.40	---	29.60	0.00	965.66
64V	987.29	10/11/06	21.80	21.40	0.40	P	29.60	< 0.01	965.86
64V	987.29	10/18/06	22.00	21.60	0.40	---	29.60	0.00	965.66
64V	987.29	10/25/06	22.20	21.70	0.50	P	29.60	< 0.01	965.56
64X(N)	984.83	10/4/06	12.50	P	< 0.01	---	15.85	0.00	972.33
64X(N)	984.83	10/11/06	12.80	12.79	0.01	---	15.85	0.00	972.04
64X(N)	984.83	10/18/06	12.30	12.28	0.02	---	15.85	0.00	972.55
64X(N)	984.83	10/25/06	11.75	11.74	0.01	---	15.85	0.00	973.09
64X(S)	981.56	10/4/06	15.50	15.35	0.15	---	23.82	0.00	966.20
64X(S)	981.56	10/11/06	15.74	15.59	0.15	---	23.82	0.00	965.96
64X(S)	981.56	10/18/06	15.17	15.00	0.17	---	23.82	0.00	966.55
64X(S)	981.56	10/25/06	14.70	14.62	0.08	---	23.82	0.00	966.93
64X(W)	984.87	10/4/06	18.50	18.48	0.02	---	24.35	0.00	966.39
64X(W)	984.87	10/11/06	18.82	P	< 0.01	---	24.35	0.00	966.05
64X(W)	984.87	10/18/06	18.22	P	< 0.01	---	24.35	0.00	966.65
64X(W)	984.87	10/25/06	17.78	17.77	0.01	---	24.35	0.00	967.10
95-01	983.77	10/23/06	10.11	---	0.00	---	17.20	0.00	973.66
95-04R	988.70	10/24/06	14.50	13.80	0.70	---	22.05	0.00	974.85
95-05	989.45	10/24/06	15.88	15.55	0.33	---	20.09	0.00	973.88
95-07R	994.91	10/25/06	19.05	19.04	0.01	---	26.02	0.00	975.87
3-6C-EB-14	984.20	10/23/06	Well has been destroyed		--	---	--	0.00	NA
3-6C-EB-22	986.94	10/23/06	13.50	---	0.00	---	20.02	0.00	973.44
3-6C-EB-25	986.31	10/24/06	12.70	---	0.00	---	25.09	0.00	973.61
3-6C-EB-28	985.79	10/24/06	12.50	---	0.00	---	24.54	0.00	973.29
E2SC-03I	982.12	10/24/06	8.90	---	0.00	38.70	42.45	3.75	973.22
E2SC-17	985.38	10/24/06	11.30	---	0.00	---	45.75	0.00	974.08
E2SC-21	981.70	10/23/06	Well is Destroyed		---	---	---	0.00	NA
E2SC-23	992.07	10/23/06	17.86	---	0.00	---	21.15	0.00	974.21
E2SC-24	987.90	10/23/06	14.80	---	0.00	---	21.60	0.00	973.10
ES2-01	985.36	10/23/06	11.75	---	0.00	---	34.20	0.00	973.61
ES2-02A	979.63	10/23/06	5.30	---	0.00	---	17.50	0.00	974.33
ES2-02A	979.63	10/260/2006	7.06	---	0.00	---	19.44	0.00	972.57
ES2-05	990.65	10/23/06	16.50	---	0.00	---	24.25	0.00	974.15
ES2-06	986.00	10/23/06	12.56	---	0.00	---	34.55	0.00	973.44
ES2-08	994.87	10/23/06	21.40	---	0.00	---	24.80	0.00	973.47
ES2-09	991.25	10/24/06	Curb box and PVC severely damaged			---	17.40	0.00	NA
ES2-11	985.05	10/23/06	10.92	---	0.00	---	19.76	0.00	974.13
ES2-16	986.88	10/24/06	Well Buried Under Concrete Barrier			---	17.31	0.00	NA
ES2-18	986.86	10/23/06	13.03	---	0.00	---	21.83	0.00	973.83
GMA1-13	991.41	10/23/06	17.60	---	0.00	---	27.11	0.00	973.81
GMA1-14	997.43	10/24/06	19.55	---	0.00	---	23.25	0.00	977.88

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
October 2006

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA1-15	988.59	10/4/06	16.07	15.60	0.47	---	17.84	0.00	972.96
GMA1-15	988.59	10/11/06	16.60	15.76	0.84	---	17.84	0.00	972.77
GMA1-15	988.59	10/16/06	16.15	15.50	0.65	---	17.84	0.00	973.04
GMA1-15	988.59	10/23/06	15.25	14.86	0.39	---	17.84	0.00	973.70
GMA1-15	988.59	10/31/06	15.40	14.80	0.60	---	17.84	0.00	973.75
GMA1-16	986.82	10/4/06	13.93	13.80	0.13	---	20.00	0.00	973.01
GMA1-16	986.82	10/11/06	14.10	13.90	0.20	---	20.00	0.00	972.91
GMA1-16	986.82	10/16/06	13.95	13.74	0.21	---	20.00	0.00	973.07
GMA1-16	986.82	10/23/06	13.13	13.10	0.03	---	20.00	0.00	973.72
GMA1-16	986.82	10/31/06	13.05	12.98	0.07	---	20.01	0.00	973.84
GMA1-17E	993.03	10/25/06	15.77	15.75	0.02	---	17.30	0.00	977.28
GMA1-17W	992.63	10/5/06	23.20	19.00	4.20	---	23.25	0.00	973.34
GMA1-17W	992.63	10/25/06	---	---	0.00	---	NM	0.00	NA
GMA1-19	984.28	10/4/06	11.48	11.43	0.05	---	17.14	0.00	972.85
GMA1-19	984.28	10/11/06	12.02	11.60	0.42	---	17.14	0.00	972.65
GMA1-19	984.28	10/16/06	11.77	11.27	0.50	---	17.13	0.00	972.98
GMA1-19	984.28	10/23/06	10.73	10.10	0.63	---	17.13	0.00	974.14
GMA1-19	984.28	10/31/06	10.91	10.60	0.31	---	17.14	0.00	973.66
GMA1-20	983.49	10/4/06	10.90	---	0.00	---	17.30	0.00	972.59
GMA1-20	983.49	10/11/06	11.10	---	0.00	---	17.10	0.00	972.39
GMA1-20	983.49	10/16/06	10.73	---	0.00	---	17.25	0.00	972.76
GMA1-20	983.49	10/23/06	10.11	---	0.00	---	17.30	0.00	973.38
GMA1-21	985.68	10/4/06	13.05	---	0.00	---	19.44	0.00	972.63
GMA1-21	985.68	10/11/06	13.30	---	0.00	---	19.45	0.00	972.38
GMA1-21	985.68	10/16/06	13.09	---	0.00	---	19.45	0.00	972.59
GMA1-21	985.68	10/23/06	12.24	---	0.00	---	19.45	0.00	973.44
GMA1-21	985.68	10/31/06	12.20	---	0.00	---	19.45	0.00	973.48
GMA1-22	988.45	10/4/06	15.35	---	0.00	---	19.24	0.00	973.10
GMA1-22	988.45	10/11/06	15.53	---	0.00	---	19.24	0.00	972.92
GMA1-22	988.45	10/16/06	13.15	---	0.00	---	19.23	0.00	975.30
GMA1-22	988.45	10/23/06	14.65	---	0.00	---	19.24	0.00	973.80
GMA1-22	988.45	10/31/06	14.55	---	0.00	---	19.24	0.00	973.90
GMA1-23	986.16	10/4/06	13.15	---	0.00	---	17.30	0.00	973.01
GMA1-23	986.16	10/11/06	13.33	---	0.00	---	17.30	0.00	972.83
GMA1-23	986.16	10/16/06	13.05	---	0.00	---	17.30	0.00	973.11
GMA1-23	986.16	10/23/06	12.46	---	0.00	---	17.30	0.00	973.70
GMA1-23	986.16	10/31/06	12.30	---	0.00	---	17.30	0.00	973.86
GMA1-24	983.81	10/4/06	11.22	---	0.00	---	16.10	0.00	972.59
GMA1-24	983.81	10/11/06	11.58	---	0.00	---	16.10	0.00	972.23
GMA1-24	983.81	10/16/06	11.10	---	0.00	---	16.10	0.00	972.71
GMA1-24	983.81	10/23/06	10.45	---	0.00	---	16.10	0.00	973.36
GMA1-24	983.81	10/31/06	10.40	---	0.00	---	16.10	0.00	973.41
HR-C-RW-1	NA	10/24/06	7.70	---	0.00	---	23.93	0.00	NA
HR-G1-MW-1	982.42	10/24/06	9.75	---	0.00	---	20.30	0.00	972.67
HR-G1-MW-2	980.23	10/24/06	7.35	---	0.00	---	28.40	0.00	972.88
HR-G1-MW-3	980.21	10/24/06	7.70	---	0.00	---	17.85	0.00	972.51
HR-G2-MW-1	982.60	10/24/06	10.05	---	0.00	---	18.24	0.00	972.55
HR-G2-MW-2	981.39	10/24/06	7.80	---	0.00	---	17.65	0.00	973.59
HR-G2-MW-3	987.14	10/24/06	14.05	---	0.00	---	21.99	0.00	973.09
HR-G2-RW-1	976.88	10/24/06	5.36	---	0.00	---	18.70	0.00	972.88
HR-G3-MW-1	982.45	10/24/06	14.20	---	0.00	---	17.71	0.00	968.25
HR-G3-MW-2	987.88	10/24/06	14.85	---	0.00	---	17.72	0.00	973.03
HR-G3-RW-1	977.78	10/24/06	5.45	---	0.00	---	8.56	0.00	972.33
HR-J1-MW-1	985.95	10/24/06	12.97	---	0.00	---	25.93	0.00	972.98
HR-J1-MW-2	983.56	10/24/06	10.23	---	0.00	---	17.80	0.00	973.33
HR-J1-MW-3	987.68	10/24/06	14.50	---	0.00	---	26.50	0.00	973.18

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
October 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)
HR-J1-RW-1	975.05	10/24/06	2.34	---	0.00	---	14.91	0.00	972.71
M-R	998.19	10/25/06	20.41	20.40	0.01	---	29.21	0.00	977.79
P3	989.25	10/24/06	5.05	---	0.00	---	13.09	0.00	984.20
PZ-1S	989.93	10/23/06	16.75	---	0.00	---	20.25	0.00	973.18
PZ-6S	984.13	10/23/06	11.25	---	0.00	---	13.21	0.00	972.88
RW-1(S)	987.23	10/4/06	19.15	19.05	0.10	---	28.60	0.00	968.17
RW-1(S)	987.23	10/11/06	19.95	19.94	0.01	---	28.60	0.00	967.29
RW-1(S)	987.23	10/18/06	18.98	18.87	0.11	---	28.60	0.00	968.35
RW-1(S)	987.23	10/25/06	19.28	19.20	0.08	P	28.60	< 0.01	968.02
RW-1(X)	982.68	10/4/06	13.75	13.73	0.02	---	20.80	0.00	968.95
RW-1(X)	982.68	10/11/06	13.55	13.54	0.01	---	20.80	0.00	969.14
RW-1(X)	982.68	10/18/06	13.80	P	< 0.01	---	20.80	0.00	968.88
RW-1(X)	982.68	10/25/06	13.60	P	< 0.01	---	20.80	0.00	969.08
RW-2(X)	985.96	10/4/06	13.90	---	0.00	---	15.30	0.00	972.06
RW-2(X)	985.96	10/11/06	14.50	---	0.00	---	15.30	0.00	971.46
RW-2(X)	985.96	10/18/06	13.96	---	0.00	---	15.30	0.00	972.00
RW-2(X)	985.96	10/25/06	13.28	---	0.00	---	15.30	0.00	972.68
RW-3(X)	980.28	10/4/06	9.45	---	0.00	42.70	44.40	1.70	970.83
RW-3(X)	980.28	10/11/06	9.29	---	0.00	42.40	44.40	2.00	970.99
RW-3(X)	980.28	10/18/06	9.22	---	0.00	42.80	44.40	1.60	971.06
RW-3(X)	980.28	10/25/06	8.50	---	0.00	40.60	44.40	3.80	971.78
TMP-1	992.74	10/24/06	19.40	---	0.00	---	21.90	0.00	973.34
Housatonic River									
SG-HR-1	990.73	10/4/06	19.30	See Note 7 regarding depth to water					971.43
SG-HR-1	990.73	10/11/06	19.70	See Note 7 regarding depth to water					971.03
SG-HR-1	990.73	10/16/06	19.10	See Note 7 regarding depth to water					971.63
SG-HR-1	990.73	10/25/06	18.96	See Note 7 regarding depth to water					971.77
SG-HR-1	990.73	10/31/06	18.46	See Note 7 regarding depth to water					972.27

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
October 2006

Month / Year	Volume Water Pumped (gallon)	RW-1 DNAPL Recovered (gallon)	RW-1R LNAPL Recovered (gallon)	RW-3 LNAPL Recovered (gallon)
October 2004	426,078	--	--	--
November 2004	421,409	--	--	12
December 2004	539,528	--	--	10
January 2005	443,634	--	--	10
February 2005	409,113	--	--	5
March 2005	455,192	--	--	5
April 2005	425,145	--	--	5
May 2005	357,497	--	--	--
June 2005	422,006	--	--	10
July 2005	310,647	--	5	10
August 2005	302,572	--	--	--
September 2005	198,753	--	--	--
October 2005	314,247	--	--	--
November 2005	412,936	--	--	--
December 2005	332,721	--	--	--
January 2006	342,548	--	--	--
February 2006	336,595	--	--	--
March 2006	322,169	--	--	--
April 2006	245,626	--	--	--
May 2006	253,821	--	--	--
June 2006	562,906	--	--	--
July 2006	206,016	--	--	--
August 2006	216,359	--	--	--
September 2006	172,604	--	--	--
October 2006	184,541	--	--	--

Notes:
1. Volume of water pumped is total from Wells RW-1R, RW-2, and RW-3.
2. -- indicates LNAPL or DNAPL was not recovered by the system.
3. There were 3 hours of downtime for RW-1/1R and 2 hours for RW-2 during October 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
October 2006

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	October 2006 Removal (liters)
LSSC-07	10/4/06	11.20	24.75	0.33	0.204	0.969
	10/11/06	11.50	24.73	0.35	0.216	
	10/16/06	11.01	24.77	0.31	0.191	
	10/23/06	10.25	24.80	0.28	0.173	
	10/31/06	10.35	24.78	0.30	0.185	
LSSC-08I	10/11/06	12.98	23.36	0.02	0.012	0.025
	10/16/06	12.40	23.36	0.02	0.012	

Total Manual DNAPL Removal for October 2006: 0.993 liters
0.262 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
October 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-04	987.98	10/23/06	14.90	---	0.00	---	24.51	0.00	973.08
EPA-01	983.04	10/23/06	11.41	---	0.00	---	22.65	0.00	971.63
LS-21	983.42	10/23/06	10.55	10.48	0.07	---	12.45	0.00	972.94
LS-24	986.58	10/23/06	13.45	---	0.00	---	15.14	0.00	973.13
LS-38	986.95	10/23/06	15.00	---	0.00	---	25.04	0.00	971.95
LSSC-06	984.91	10/23/06	11.10	---	0.00	---	19.33	0.00	973.81
LSSC-07	982.48	10/4/06	11.20	---	0.00	24.75	25.08	0.33	971.28
LSSC-07	982.48	10/11/06	11.50	---	0.00	24.73	25.08	0.35	970.98
LSSC-07	982.48	10/16/06	11.01	---	0.00	24.77	25.08	0.31	971.47
LSSC-07	982.48	10/23/06	10.25	---	0.00	24.80	25.08	0.28	972.23
LSSC-07	982.48	10/31/06	10.35	---	0.00	24.78	25.08	0.30	972.13
LSSC-08I	983.13	10/4/06	12.60	---	0.00	---	23.38	0.00	970.53
LSSC-08I	983.13	10/11/06	12.98	---	0.00	23.36	23.38	0.02	970.15
LSSC-08I	983.13	10/16/06	12.40	---	0.00	23.36	23.38	0.02	970.73
LSSC-08I	983.13	10/23/06	11.56	---	0.00	---	23.36	0.00	971.57
LSSC-08I	983.13	10/31/06	11.80	---	0.00	23.37	23.37	0.00	971.33
LSSC-08S	983.11	10/23/06	11.60	---	0.00	---	14.68	0.00	971.51
LSSC-09	985.06	10/23/06	12.45	---	0.00	---	19.25	0.00	972.61
LSSC-18	987.32	10/23/06	14.10	---	0.00	---	18.58	0.00	973.22
LSSC-34I	984.74	10/23/06	12.68	---	0.00	28.48	28.50	0.02	972.06
LSSC-34S	985.01	10/23/06	13.00	---	0.00	---	17.00	0.00	972.01
RW-1	984.88	10/4/06	12.70	---	0.00	P	21.00	< 0.01	972.18
RW-1	984.88	10/11/06	12.81	---	0.00	20.90	21.00	0.10	972.07
RW-1	984.88	10/18/06	12.67	---	0.00	20.71	21.00	0.29	972.21
RW-1	984.88	10/25/06	12.00	---	0.00	P	21.00	< 0.01	972.88
RW-1 (R)	985.07	10/4/06	15.63	---	0.00	P	20.42	< 0.01	969.44
RW-1 (R)	985.07	10/11/06	15.45	---	0.00	P	20.42	< 0.01	969.62
RW-1 (R)	985.07	10/18/06	15.82	---	0.00	19.35	20.42	1.07	969.25
RW-1 (R)	985.07	10/25/06	16.01	---	0.00	P	20.42	< 0.01	969.06
RW-2	987.82	10/4/06	14.50	---	0.00	---	21.75	0.00	973.32
RW-2	987.82	10/11/06	14.90	---	0.00	---	21.75	0.00	972.92
RW-2	987.82	10/18/06	14.36	---	0.00	---	21.75	0.00	973.46
RW-2	987.82	10/25/06	14.25	---	0.00	---	21.75	0.00	973.57
RW-3	984.08	10/4/06	16.75	16.70	0.05	---	21.57	0.00	967.38
RW-3	984.08	10/11/06	17.04	16.94	0.10	---	21.57	0.00	967.13
RW-3	984.08	10/18/06	16.70	16.55	0.15	---	21.57	0.00	967.52
RW-3	984.08	10/25/06	16.63	16.50	0.13	---	21.57	0.00	967.57

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
October 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	10/4/06	16.21	See Note 4 regarding depth to water					970.11
BM-2A	986.32	10/11/06	16.42	See Note 4 regarding depth to water					969.90
BM-2A	986.32	10/16/06	16.28	See Note 4 regarding depth to water					970.04
BM-2A	986.32	10/25/06	16.09	See Note 4 regarding depth to water					970.23
BM-2A	986.32	10/31/06	15.35	See Note 4 regarding depth to water					970.97

Notes:

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

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

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

Recovery System	Date	Total Gallons Recovered
System 2[1]	October 2005	--[2]
	November 2005	--[2]
	December 2005	--[2]
	January 2006	--[2]
	February 2006	--[2]
	March 2006	--[2]
	April 2006	--[2]
	May 2006	--[2]
	June 2006	--[2]
	July 2006	--[2]
	August 2006	--[2]
	September 2006	97.2
	October 2006	340.2
Total Automated DNAPL Removal for October 2006:		**340.2 Gallons**

Notes:
[1] System 2 wells are N2SC-01I(R), N2SC-03I(R), and N2SC-14.
[2] The DNAPL recovery systems for Newell Street Area II were shut down on July 25, 2005. An upgraded system was completed and activated on August 30, 2006.

TABLE 21-12
ROUTINE WELL MONITORING
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA1-8	981.66	10/24/06	9.15	---	0.00	---	16.27	0.00	972.51
GMA1-9	982.36	10/24/06	9.26	---	0.00	---	14.41	0.00	973.10
GMA1-25	NA	10/24/06	13.15	---	0.00	---	17.37	0.00	NA
GMA1-26	NA	10/24/06	11.90	---	0.00	---	17.07	0.00	NA
GMA1-27	NA	10/24/06	8.32	---	0.00	---	16.51	0.00	NA
GMA1-28	NA	10/24/06	10.13	---	0.00	---	16.21	0.00	NA
MW-1D	987.20	10/23/06	13.22	---	0.00	38.75	38.76	0.01	973.98
MW-1S	986.60	10/24/06	13.25	---	0.00	22.33	22.41	0.08	973.35
N2SC-01I	984.99	10/4/06	12.20	---	0.00	36.45	40.40	3.95	972.79
N2SC-01I	984.99	10/11/06	12.50	---	0.00	36.40	40.40	4.00	972.49
N2SC-01I	984.99	10/16/06	12.07	---	0.00	36.23	40.39	4.16	972.92
N2SC-01I	984.99	10/24/06	11.52	---	0.00	36.21	40.40	4.19	973.47
N2SC-01I	984.99	10/31/06	11.40	---	0.00	36.38	40.40	4.02	973.59
N2SC-01I(R)	986.01	10/4/06	15.65	---	0.00	41.15	42.60	1.45	970.36
N2SC-01I(R)	986.01	10/11/06	15.98	---	0.00	P	42.60	< 0.01	970.03
N2SC-01I(R)	986.01	10/18/06	15.43	---	0.00	40.06	42.60	2.54	970.58
N2SC-01I(R)	986.01	10/25/06	15.12	---	0.00	41.21	42.60	1.39	970.89
N2SC-02	985.56	10/24/06	10.57	---	0.00	---	38.43	0.00	974.99
N2SC-03I	986.24	10/4/06	10.75	---	0.00	36.15	37.72	1.57	975.49
N2SC-03I	986.24	10/11/06	11.02	---	0.00	35.56	37.73	2.17	975.22
N2SC-03I	986.24	10/16/06	10.60	---	0.00	35.90	37.74	1.84	975.64
N2SC-03I	986.24	10/24/06	10.04	---	0.00	35.76	37.81	2.05	976.20
N2SC-03I	986.24	10/31/06	9.93	---	0.00	35.80	37.75	1.95	976.31
N2SC-03I(R)	985.86	10/4/06	13.82	---	0.00	40.85	41.10	0.25	972.04
N2SC-03I(R)	985.86	10/11/06	14.12	---	0.00	P	41.10	< 0.01	971.74
N2SC-03I(R)	985.86	10/18/06	13.64	---	0.00	38.57	41.10	2.53	972.22
N2SC-03I(R)	985.86	10/25/06	13.28	---	0.00	38.50	41.10	2.60	972.58
N2SC-04	NA	10/24/06	10.36	---	0.00	---	33.30	0.00	NA
N2SC-05	NA	10/24/06	10.02	---	0.00	---	36.45	0.00	NA
N2SC-07	984.61	10/24/06	9.35	---	0.00	---	35.56	0.00	975.26
N2SC-07S	982.93	10/24/06	10.09	---	0.00	---	18.80	0.00	972.84
N2SC-08	986.07	10/24/06	11.20	---	0.00	39.11	41.16	2.05	974.87
N2SC-09I	987.77	10/24/06	9.50	---	0.00	---	38.93	0.00	978.27
N2SC-09S	987.84	10/24/06	9.25	---	0.00	12.98	13.16	0.18	978.59
N2SC-13I	984.75	10/24/06	9.85	---	0.00	39.17	39.83	0.66	974.90
N2SC-14	985.06	10/4/06	14.46	---	0.00	39.40	40.00	0.60	970.60
N2SC-14	985.06	10/11/06	14.83	---	0.00	39.10	40.00	0.90	970.23
N2SC-14	985.06	10/18/06	14.23	---	0.00	38.47	40.00	1.53	970.83
N2SC-14	985.06	10/25/06	13.94	---	0.00	38.60	40.00	1.40	971.12
N2SC-16	985.62	10/24/06	9.83	---	0.00	---	36.00	0.00	975.79
NS-10	984.59	10/23/06	13.05	12.88	0.17	---	21.85	0.00	971.70
NS-15R	NA	10/4/06	10.85	---	0.00	---	19.02	0.00	NA
NS-15R	NA	10/11/06	11.50	---	0.00	---	19.02	0.00	NA
NS-15R	NA	10/16/06	10.70	---	0.00	---	19.00	0.00	NA
NS-15R	NA	10/23/06	10.26	---	0.00	---	38.41	0.00	NA
NS-15R	NA	10/25/06	10.30	---	0.00	---	19.02	0.00	NA
NS-15R	NA	10/31/06	10.10	---	0.00	---	19.00	0.00	NA

TABLE 21-12
ROUTINE WELL MONITORING
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
October 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)
NS-16	984.46	10/23/06	Buried Under Gravel			---	19.75	0.00	NA
NS-17	984.64	10/23/06	11.78	---	0.00	---	18.81	0.00	972.86
NS-20	985.29	10/23/06	6.14	---	0.00	---	15.03	0.00	979.15
NS-30	985.99	10/4/06	10.35	---	0.00	34.88	35.10	0.22	975.64
NS-30	985.99	10/11/06	10.70	---	0.00	35.01	35.10	0.09	975.29
NS-30	985.99	10/16/06	10.25	---	0.00	35.05	35.10	0.05	975.74
NS-30	985.99	10/24/06	9.69	---	0.00	35.01	35.20	0.19	976.30
NS-30	985.99	10/31/06	9.65	---	0.00	34.90	35.10	0.20	976.34
NS-32	986.20	10/4/06	11.40	---	0.00	---	38.04	0.00	974.80
NS-32	986.20	10/11/06	11.70	---	0.00	38.00	38.03	0.03	974.50
NS-32	986.20	10/16/06	11.24	---	0.00	37.95	38.00	0.05	974.96
NS-32	986.20	10/25/06	10.78	---	0.00	37.91	38.01	0.10	975.42
NS-32	986.20	10/31/06	10.60	---	0.00	37.93	38.02	0.09	975.60
NS-37	986.20	10/23/06	13.62	---	0.00	---	23.69	0.00	972.58

Notes:

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

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
October 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)
FW-16R	986.51	10/27/06	13.70	---	0.00	---	20.31	0.00	972.81
IA-9R	984.14	10/25/06	10.96	---	0.00	---	16.92	0.00	973.18
MM-1	988.04	10/27/06	11.85	---	0.00	---	19.40	0.00	976.19
SZ-1	984.98	10/27/06	Paved over		NA	---	16.05	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
October 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	10/24/06	4.91	---	0.00	---	37.04	0.00	978.22
SLGW-01S	982.94	10/24/06	6.92	---	0.00	---	16.27	0.00	976.02
SLGW-02D	985.10	10/24/06	Under Road Material		NA	---	---	0.00	NA
SLGW-02S	985.39	10/24/06	Under Road Material		NA	---	---	0.00	NA
SLGW-03D	979.14	10/24/06	1.77	---	0.00	---	32.07	0.00	977.37
SLGW-03S	980.21	10/24/06	4.08	---	0.00	---	14.60	0.00	976.13
SLGW-04D	983.51	10/24/06	6.63	---	0.00	---	37.13	0.00	976.88
SLGW-04S	984.02	10/24/06	7.85	---	0.00	---	16.72	0.00	976.17
SLGW-05D	979.30	10/24/06	3.33	---	0.00	---	34.67	0.00	975.97
SLGW-05S	979.12	10/24/06	3.14	---	0.00	---	12.31	0.00	975.98
SLGW-06D	981.63	10/23/06	6.07	---	0.00	---	35.05	0.00	975.56
SLGW-06S	981.66	10/23/06	5.39	---	0.00	---	13.79	0.00	976.27
Staff Gauge within Silver Lake									
Silver Lake Gauge	980.30	10/4/06	4.45	See Note 4 regarding depth to water					984.75
Silver Lake Gauge	980.30	10/11/06	4.56	See Note 4 regarding depth to water					984.86
Silver Lake Gauge	980.30	10/16/06	4.50	See Note 4 regarding depth to water					984.80
Silver Lake Gauge	980.30	10/24/06	4.37	See Note 4 regarding depth to water					984.67
Silver Lake Gauge	980.30	10/31/06	4.32	See Note 4 regarding depth to water					984.62

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity.
3. NA indicates information not available.
4. A survey reference point was established on the Silver Lake staff gauge. The "Depth to Water" value(s) provided in the above table refer to the vertical distance from the surveyed reference point to the water surface.
5. Additional groundwater elevation data were 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)
OCTOBER 2006

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

a. Activities Undertaken/Completed

- Continued routine river elevation monitoring.
- Conducted semi-annual groundwater elevation monitoring.
- Conducted drum sampling at Building 78 of purge water generated from wells within GMA 2, as identified in Table 22-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine river elevation monitoring.
- Conduct supplemental groundwater sampling activities at one well following EPA approval of GE's proposal for such sampling in the GMA 2 Groundwater Quality Monitoring Interim Report for Spring 2006.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

GROUNDWATER MANAGEMENT AREA 2
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Building 78 Drum Sampling	F1978-1	10/11/06	Liquid	SGS	PCB, VOC, SVOC, Total Metals (8)	

TABLE 22-2
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 2

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
October 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)
Former Oxbow Area J									
GMA 2-1	991.36	10/26/06	15.35	---	0.00	---	27.23	0.00	976.01
GMA 2-2	991.19	10/26/06	17.17	---	0.00	---	25.27	0.00	974.02
GMA 2-3	991.48	10/26/06	14.48	---	0.00	---	18.43	0.00	977.00
GMA 2-6	989.73	10/26/06	14.88	---	0.00	---	23.48	0.00	974.85
GMA 2-7	989.64	10/26/06	14.47	---	0.00	---	18.52	0.00	975.17
J-1R	988.25	10/26/06	14.59	---	0.00	---	21.21	0.00	973.66
MW-1	994.47	10/26/06	12.15	---	0.00	---	19.47	0.00	982.32
MW-2	991.64	10/26/06	13.04	---	0.00	---	16.73	0.00	978.60
Former Oxbow Area K									
GMA 2-4	983.41	10/26/06	8.76	---	0.00	---	18.04	0.00	974.65
GMA 2-5	985.85	10/27/06	9.50	---	0.00	---	15.98	0.00	976.35
GMA 2-8	982.30	10/26/06	8.08	---	0.00	---	17.41	0.00	974.22
GMA 2-9	981.29	10/27/06	7.43	---	0.00	---	16.95	0.00	973.86
Housatonic River (Foot Bridge)									
GMA2-SG-1	989.82	10/26/06	19.56	See Note 3 regarding depth to water					970.26

Notes:

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

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

a. Activities Undertaken/Completed

- Reviewed sub-slab soil gas and indoor air sampling data collected from Buildings 51 and 59 in September 2006 (see Tables 23-1 through 23-5).

- Conducted routine groundwater elevation and NAPL monitoring activities. Approximately 54.192 liters (14.30 gallons) of LNAPL were removed by the automatic skimmer located in well 51-21 and an additional 2.641 liters (0.70 gallon) of LNAPL were manually removed from the wells in this area (see Table 23-6).*

- Conducted semi-annual groundwater elevation and NAPL monitoring event.*

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted Soil Gas Migration Assessment Report for Groundwater Management Area 3 (October 20, 2006).*

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

Continue routine groundwater and NAPL monitoring/recovery activities.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Indoor Air Investigation	5101	9/28/06	Air	Galson	TCE	10/10/06
Indoor Air Investigation	5102	9/28/06	Air	Galson	TCE	10/10/06
Indoor Air Investigation	5103	9/28/06	Air	Galson	TCE	10/10/06
Indoor Air Investigation	5901	9/28/06	Air	Galson	TCE	10/10/06
Indoor Air Investigation	5902	9/28/06	Air	Galson	TCE	10/10/06
Indoor Air Investigation	5903	9/28/06	Air	Galson	TCE	10/10/06
Soil / Gas Indoor Air Investigation	Summa Canister #0061	9/28/06	Air	Lancaster	VOC, SVOC	10/6/06
Soil / Gas Indoor Air Investigation	Summa Canister #0066	9/28/06	Air	Lancaster	VOC, SVOC	10/6/06
Soil / Gas Indoor Air Investigation	Summa Canister #0073	9/28/06	Air	Lancaster	VOC, SVOC	10/6/06
Soil / Gas Indoor Air Investigation	Summa Canister #0075	9/28/06	Air	Lancaster	VOC, SVOC	10/6/06
Soil / Gas Indoor Air Investigation	Summa Canister #0110	9/28/06	Air	Lancaster	VOC, SVOC	10/6/06
Soil / Gas Indoor Air Investigation	Summa Canister #0174	9/28/06	Air	Lancaster	VOC, SVOC	10/6/06
Soil / Gas Indoor Air Investigation	Summa Canister #0189	9/28/06	Air	Lancaster	VOC, SVOC	10/6/06
Soil / Gas Indoor Air Investigation	Summa Canister #0197	9/28/06	Air	Lancaster	VOC, SVOC	10/6/06
Soil / Gas Indoor Air Investigation	Summa Canister #0200	9/28/06	Air	Lancaster	VOC, SVOC	10/6/06
Soil / Gas Indoor Air Investigation	Summa Canister #0324	9/28/06	Air	Lancaster	VOC, SVOC	10/6/06
Soil / Gas Indoor Air Investigation	Summa Canister #0337	9/28/06	Air	Lancaster	VOC, SVOC	10/6/06
Soil / Gas Indoor Air Investigation	Summa Canister #0511	9/28/06	Air	Lancaster	VOC, SVOC	10/6/06

TABLE 23-2
SOIL GAS / INDOOR AIR DATA RECEIVED DURING OCTOBER 2006

BUILDING 51 SOIL GAS / INDOOR AIR INVESTIGATION
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in ug/m^3)

Parameter / Sample Location: / Sample ID: / Date Collected:	Chiller Room - Sub Slab Summa Canister #0324 09/28/06	Lobby Area - Indoor Air Summa Canister #0337 09/28/06	Power Systems - Sub Slab Summa Canister #0066 09/28/06	Power Systems - Indoor Air Summa Canister #0075 09/28/06	Data Research - Indoor Air Summa Canister #0197 09/28/06
Volatile Organics					
1,1,1-Trichloroethane	2.9 J	ND(5.5)	ND(5.5)	ND(55)	ND(5.5)
1,1,2-trichloro-1,2,2-trifluoroethane	51	ND(7.7)	ND(7.7)	ND(77)	ND(7.7)
1,2,4-Trimethylbenzene	15	ND(4.9)	11	ND(49)	ND(4.9)
1,3,5-Trimethylbenzene	9.0	ND(4.9)	ND(4.9)	ND(49)	ND(4.9)
2-Butanone	55	4.1 J	46	550	30
4-Ethyltoluene	15	ND(4.9)	ND(4.9)	ND(49)	ND(4.9)
Acetone	140	21	54	340	23
Acetonitrile	ND(3.4)	ND(3.4)	8.0	73	ND(3.4)
Acrolein	4.2 J	ND(4.6)	ND(4.6)	ND(46)	ND(4.6)
Benzene	0.86 J	ND(3.2)	1.3 J	ND(32)	ND(3.2)
Carbon Disulfide	ND(3.1)	ND(3.1)	ND(3.1)	160	ND(3.1)
Carbon Tetrachloride	ND(6.3)	ND(6.3)	ND(6.3)	ND(63)	ND(6.3)
Chlorodifluoromethane	63	650	46	500	590
Chloroethane	ND(2.6)	ND(2.6)	ND(2.6)	74	ND(2.6)
Chloroform	1.1 J	ND(4.9)	ND(4.9)	ND(49)	ND(4.9)
Chloromethane	ND(2.1)	ND(2.1)	ND(2.1)	ND(21)	ND(2.1)
Cumene	1.2 J	ND(4.9)	0.98 J	ND(49)	ND(4.9)
Dichlorodifluoromethane	3.4 J	8.7	3.0 J	13 J	7.8
Ethylbenzene	6.7	ND(4.3)	8.0	11 J	ND(4.3)
Heptane	ND(4.1)	ND(4.1)	8.7	280	14
Hexane	14	ND(3.5)	13	31 J	1.1 J
Isooctane	2.2 J	ND(4.7)	2.8 J	ND(47)	ND(4.7)
m&p-Xylene	12	ND(4.3)	16	18 J	0.96 J
Methyl tert-butyl ether	160	ND(3.6)	67	44	ND(3.6)
Methylene Chloride	2.5 J	2.8 J	18	59	3.0 J
Octane	1.4 J	ND(4.7)	2.2 J	ND(47)	ND(4.7)
o-Xylene	5.5	ND(4.3)	7.9	ND(43)	ND(4.3)
Pentane	5.5	0.86 J	7.3	54	1.4 J
Propene	11	1.4 J	ND(1.7)	ND(17)	ND(1.7)
Styrene	0.89 J	ND(4.3)	ND(4.3)	9.4 J	ND(4.3)
tert-Butyl Alcohol	ND(3.0)	ND(3.0)	ND(3.0)	ND(30)	ND(3.0)
Toluene	19	9.6	59	1900	150
Trichloroethene	58	ND(5.4)	ND(5.4)	23 J	1.2 J
Trichlorofluoromethane	5.5 J	1.5 J	4.0 J	19 J	2.5 J
Vinyl Chloride	0.74 J	ND(2.6)	1.2 J	ND(26)	ND(2.6)
Semivolatile Organics					
1,2,4-Trichlorobenzene	9.9 J	ND(15)	ND(15)	ND(150)	ND(15)
Hexachlorobutadiene	ND(21)	ND(21)	ND(21)	ND(210)	ND(21)

TABLE 23-2
SOIL GAS / INDOOR AIR DATA RECEIVED DURING OCTOBER 2006

BUILDING 51 SOIL GAS / INDOOR AIR INVESTIGATION
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in ug/m^3)

Notes:

1. Samples were collected by BBL, an ARCADIS company (BBL), and submitted to Lancaster Laboratories for analysis of VOCs and selected SVOCs.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
3. Only those constituents detected in one or more samples are summarized.

Data Qualifiers:

Organics (volatiles, semivolatiles)

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

TABLE 23-3
SOIL GAS / INDOOR AIR DATA RECEIVED DURING OCTOBER 2006

BUILDING 59 SOIL GAS / INDOOR AIR INVESTIGATION
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in ug/m^3)

Parameter / Sample Location: / Sample ID: / Date Collected:	Lobby Area - Sub Slab Summa Canister #0511 09/28/06	Lobby Area - Sub Slab Summa Canister #0061(Dup) 09/28/06	Lobby Area - Indoor Air Summa Canister #0200 09/28/06	Lobby Area - Indoor Air Summa Canister #0189 (Dup) 09/28/06
Volatile Organics				
1,1,1-Trichloroethane	ND(55)	1.4 J	ND(5.5)	ND(5.5)
1,1,2-trichloro-1,2,2-trifluoroethane	ND(77)	ND(7.7)	ND(7.7)	ND(7.7)
1,2,4-Trimethylbenzene	ND(49)	4.1 J	1.4 J	ND(4.9)
1,3,5-Trimethylbenzene	ND(49)	8.7	ND(4.9)	2.0 J
2-Butanone	50 J	ND(5.9)	2.1 J	ND(5.9)
4-Ethyltoluene	ND(49)	3.7 J	ND(4.9)	ND(4.9)
Acetone	200	210	29	29
Acetonitrile	58	ND(3.4)	ND(3.4)	ND(3.4)
Acrolein	ND(46)	ND(4.6)	ND(4.6)	ND(4.6)
Benzene	ND(32)	0.77 J	1.5 J	0.67 J
Carbon Disulfide	93	ND(3.1)	ND(3.1)	ND(3.1)
Carbon Tetrachloride	ND(63)	4.7 J	ND(6.3)	ND(6.3)
Chlorodifluoromethane	20 J	ND(3.5)	4.9	2.5 J
Chloroethane	65	ND(2.6)	ND(2.6)	ND(2.6)
Chloroform	ND(49)	2.1 J	ND(4.9)	ND(4.9)
Chloromethane	ND(21)	ND(2.1)	0.78 J	0.89 J
Cumene	ND(49)	ND(4.9)	ND(4.9)	ND(4.9)
Dichlorodifluoromethane	11 J	6.1	2.7 J	2.4 J
Ethylbenzene	ND(43)	1.3 J	0.87 J	ND(4.3)
Heptane	23 J	1.0 J	1.7 J	ND(4.1)
Hexane	85	9.6	230	60
Isooctane	ND(47)	ND(4.7)	1.4 J	1.1 J
m&p-Xylene	ND(43)	2.7 J	2.2 J	0.96 J
Methyl tert-butyl ether	62	12	ND(3.6)	ND(3.6)
Methylene Chloride	58	ND(3.5)	2.7 J	6.6
Octane	ND(47)	ND(4.7)	ND(4.7)	ND(4.7)
o-Xylene	ND(43)	1.3 J	ND(4.3)	ND(4.3)
Pentane	27 J	ND(3.0)	3.5	1.8 J
Propene	ND(17)	ND(1.7)	11	5.5
Styrene	ND(43)	ND(4.3)	15	ND(4.3)
tert-Butyl Alcohol	ND(30)	0.67 J	ND(3.0)	ND(3.0)
Toluene	64	8.5	7.1	8.2
Trichloroethene	ND(54)	470	9.1	5.5
Trichlorofluoromethane	44 J	37	73	51
Vinyl Chloride	ND(26)	ND(2.6)	ND(2.6)	ND(2.6)
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(150)	6.4 J	ND(15)	ND(15)
Hexachlorobutadiene	ND(210)	ND(21)	12 J	ND(21)

TABLE 23-3
SOIL GAS / INDOOR AIR DATA RECEIVED DURING OCTOBER 2006

BUILDING 59 SOIL GAS / INDOOR AIR INVESTIGATION
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in ug/m^3)

Parameter / Sample Location: / Sample ID: / Date Collected:	Facility Area - Sub Slab Summa Canister #0073 09/28/06	Facility Area - Indoor Air Summa Canister #0110 09/28/06	Library Area - Indoor Air Summa Canister #0174 09/28/06
Volatile Organics			
1,1,1-Trichloroethane	ND(5.5)	ND(5.5)	1.5 J
1,1,2-trichloro-1,2,2-trifluoroethane	ND(7.7)	ND(7.7)	ND(7.7)
1,2,4-Trimethylbenzene	8.8	ND(4.9)	1.9 J
1,3,5-Trimethylbenzene	ND(4.9)	ND(4.9)	ND(4.9)
2-Butanone	47	1.8 J	4.8 J
4-Ethyltoluene	ND(4.9)	1.1 J	2.0 J
Acetone	53	26	100
Acetonitrile	ND(3.4)	ND(3.4)	ND(3.4)
Acrolein	ND(4.6)	ND(4.6)	ND(4.6)
Benzene	0.73 J	ND(3.2)	4.6
Carbon Disulfide	ND(3.1)	ND(3.1)	ND(3.1)
Carbon Tetrachloride	ND(6.3)	ND(6.3)	ND(6.3)
Chlorodifluoromethane	0.99 J	2.0 J	6.0
Chloroethane	ND(2.6)	ND(2.6)	ND(2.6)
Chloroform	ND(4.9)	ND(4.9)	1.2 J
Chloromethane	ND(2.1)	0.78 J	1.2 J
Cumene	ND(4.9)	ND(4.9)	ND(4.9)
Dichlorodifluoromethane	1.7 J	1.9 J	3.2 J
Ethylbenzene	3.1 J	ND(4.3)	8.3
Heptane	1.4 J	1.2 J	3.0 J
Hexane	62	91	470
Isooctane	1.8 J	0.98 J	2.3 J
m&p-Xylene	5.2	3.9 J	20
Methyl tert-butyl ether	260	ND(3.6)	1.8 J
Methylene Chloride	3.3 J	3.1 J	4.5
Octane	ND(4.7)	ND(4.7)	2.3 J
o-Xylene	2.5 J	1.5 J	11
Pentane	1.9 J	1.7 J	5.7
Propene	ND(1.7)	ND(1.7)	ND(1.7)
Styrene	ND(4.3)	ND(4.3)	ND(4.3)
tert-Butyl Alcohol	ND(3.0)	ND(3.0)	ND(3.0)
Toluene	8.4	3.1 J	16
Trichloroethene	5.3 J	5.7	41
Trichlorofluoromethane	15	31	210
Vinyl Chloride	ND(2.6)	ND(2.6)	ND(2.6)
Semivolatile Organics			
1,2,4-Trichlorobenzene	8.8 J	ND(15)	ND(15)
Hexachlorobutadiene	ND(21)	ND(21)	ND(21)

TABLE 23-3
SOIL GAS / INDOOR AIR DATA RECEIVED DURING OCTOBER 2006

BUILDING 59 SOIL GAS / INDOOR AIR INVESTIGATION
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in ug/m^3)

Notes:

1. Samples were collected by BBL, an ARCADIS company (BBL), and submitted to Lancaster Laboratories for analysis of VOCs and selected SVOCs.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
3. Only those constituents detected in one or more samples are summarized.

Data Qualifiers:

Organics (volatiles, semivolatiles)

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

TABLE 23-4
INDOOR AIR DATA RECEIVED DURING OCTOBER 2006

BUILDING 51 INDOOR AIR INVESTIGATION
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in mg/m^3)

Parameter	Sample Location: / Sample ID: / Date Collected:	Power Systems Area / 5101 / 09/28/06	Data Research Area / 5102 / 09/28/06	Lobby Area / 5103 / 09/28/06
Volatile Organics				
Trichloroethene		ND(0.069)	ND(0.062)	ND(0.066)

Notes:
1. Samples were collected by BBL, an ARCADIS company (BBL), and submitted to Galson Laboratories for analysis of Trichloroethene.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

TABLE 23-5
INDOOR AIR DATA RECEIVED DURING OCTOBER 2006

BUILDING 59 INDOOR AIR INVESTIGATION
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in mg/m^3)

Parameter	Sample Location: / Sample ID: / Date Collected:	Lobby Area 5901 09/28/06	Library Area 5902 09/28/06	Facility Area 5903 09/28/06
Volatile Organics				
Trichloroethene		ND(0.051)	ND(0.058)	ND(0.059)

Notes:
1. Samples were collected by BBL, an ARCADIS company (BBL), and submitted to Galson Laboratories for analysis of Trichloroethene.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

TABLE 23-6
MEASUREMENT AND REMOVAL OF RECOVERABLE LNAPL
GROUNDWATER MANAGEMENT AREA 3

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	October 2006 Removal (liters)
51-08	10/4/06	12.40	12.40	0.00	0.617	2.634
	10/11/06	12.45	11.30	1.15	0.709	
	10/16/06	12.30	11.24	1.06	0.654	
	11/2/06	11.93	10.87	1.06	0.654	
51-21	10/4/06	15.80	P	< 0.01	20.85	54.192
	10/11/06	15.89	15.88	0.01	12.507	
	10/18/06	15.65	P	< 0.01	12.51	
	10/25/06	15.40	P	< 0.01	8.33	
GMA3-13	10/16/06	11.85	11.84	0.01	0.006	0.006

Total Manual LNAPL Removal at Well 51-21 for October 2006: 54.192 liters
14.30 Gallons

Total Manual LNAPL Removal for All Other Wells at GMA 3 for October 2006: 2.641 liters
0.70 Gallons

Total LNAPL Removed for October 2006: 56.833 liters
15.00 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 23-7
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
October 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	10/25/06	8.03	---	0.00	---	55.02	0.00	986.13
006B-R	993.62	10/25/06	6.25	---	0.00	---	14.74	0.00	987.37
016A	991.77	10/25/06	6.92	---	0.00	---	51.18	0.00	984.85
016B-R	994.87	10/25/06	9.44	---	0.00	---	16.52	0.00	985.43
016C-R	993.23	10/25/06	7.81	---	0.00	---	102.42	0.00	985.42
039B-R	991.97	10/25/06	6.21	---	0.00	---	14.00	0.00	985.76
039D-R	994.73	10/25/06	8.56	---	0.00	---	63.37	0.00	986.17
039E	992.21	10/25/06	5.53	---	0.00	---	239.28	0.00	986.68
043A	993.79	10/25/06	5.54	---	0.00	---	51.36	0.00	988.25
043B	993.61	10/25/06	5.76	---	0.00	---	21.35	0.00	987.85
050B	991.76	10/25/06	2.91	---	0.00	---	15.01	0.00	988.85
51-05	996.44	10/25/06	10.25	---	0.00	---	11.47	0.00	986.19
51-06	997.36	10/25/06	10.98	---	0.00	---	14.44	0.00	986.38
51-07	997.08	10/25/06	11.00	---	0.00	---	11.27	0.00	986.08
51-08	997.08	10/4/06	12.40	12.40	0.00	---	14.64	0.00	984.68
51-08	997.08	10/11/06	12.45	11.30	1.15	---	14.64	0.00	985.70
51-08	997.08	10/16/06	12.30	11.24	1.06	---	14.64	0.00	985.77
51-08	997.08	10/25/06	12.21	11.04	1.17	---	14.67	0.00	985.96
51-08	997.08	11/2/06	11.93	10.87	1.06	---	14.65	0.00	986.14
51-09	997.70	10/25/06	11.40	---	0.00	---	11.67	0.00	986.30
51-11	994.37	10/25/06	7.88	---	0.00	---	13.54	0.00	986.49
51-12	996.55	10/25/06	7.62	---	0.00	---	14.39	0.00	988.93
51-13	997.42	10/25/06	9.77	---	0.00	---	9.90	0.00	987.65
51-14	996.77	10/25/06	10.81	---	0.00	---	14.77	0.00	985.96
51-15	996.43	10/25/06	10.44	10.36	0.08	---	14.38	0.00	986.06
51-16R	996.39	10/25/06	10.35	---	0.00	---	15.58	0.00	986.04
51-17	996.43	10/25/06	11.34	10.10	1.24	---	14.55	0.00	986.24
51-18	997.12	10/25/06	10.97	---	0.00	---	12.60	0.00	986.15
51-19	996.43	10/25/06	10.57	10.48	0.09	---	14.10	0.00	985.94
51-21	1001.49	10/4/06	15.80	P	< 0.01	---	NM	0.00	985.69
51-21	1001.49	10/11/06	15.89	15.88	0.01	---	NM	0.00	985.61
51-21	1001.49	10/18/06	15.65	P	< 0.01	---	NM	0.00	985.84
51-21	1001.49	10/25/06	15.40	P	< 0.01	---	NM	0.00	986.09
054B-R	991.49	10/25/06	4.19	---	0.00	---	15.51	0.00	987.30
59-01	997.52	10/25/06	Dry	---	--	---	11.43	0.00	NA
59-03R	997.64	10/25/06	12.23	11.62	0.61	---	17.17	0.00	985.98
59-07	997.96	10/25/06	12.03	11.84	0.19	---	23.50	0.00	986.11
078B-R	988.83	10/25/06	1.58	---	0.00	---	11.73	0.00	987.25
082B-R	989.90	10/26/06	3.96	---	0.00	---	11.79	0.00	985.94
089A	985.76	10/30/06	3.15	---	0.00	---	47.05	0.00	982.61
089B	986.03	10/30/06	2.50	---	0.00	---	8.60	0.00	983.53
089D-R	987.11	10/30/06	1.85	---	0.00	---	66.60	0.00	985.26
090A	988.07	10/25/06	5.94	---	0.00	---	51.32	0.00	982.13
090B	989.10	10/25/06	6.03	---	0.00	---	12.85	0.00	983.07
095A	987.18	10/25/06	4.11	---	0.00	---	65.57	0.00	983.07
095B-R	986.24	10/25/06	5.35	---	0.00	---	13.57	0.00	980.89
111A-R	997.35	10/25/06	13.31	---	0.00	---	52.30	0.00	984.04
111B-R	997.48	10/25/06	13.91	---	0.00	---	19.86	0.00	983.57
114A	986.16	10/25/06	5.50	---	0.00	---	52.19	0.00	980.66
114B-R	985.54	10/25/06	8.29	---	0.00	---	15.37	0.00	977.25
115A	988.53	10/25/06	7.50	---	0.00	---	42.70	0.00	981.03
115B	990.90	10/25/06	10.64	---	0.00	---	15.68	0.00	980.26
GMA3-2	991.94	10/25/06	7.06	---	0.00	---	15.03	0.00	984.88
GMA3-3	990.45	10/25/06	1.11	---	0.00	---	12.20	0.00	989.34
GMA3-4	994.60	10/25/06	7.15	---	0.00	---	13.19	0.00	987.45
GMA3-5	993.67	10/26/06	7.85	---	0.00	---	15.43	0.00	985.82
GMA3-6	997.49	10/25/06	16.59	---	0.00	---	23.58	0.00	980.90
GMA3-7	1000.17	10/25/06	13.82	---	0.00	---	19.82	0.00	986.35

TABLE 23-7
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
October 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)
GMA3-8	996.24	10/25/06	10.55	---	0.00	---	15.65	0.00	985.69
GMA3-9	992.39	10/25/06	4.85	---	0.00	---	12.66	0.00	987.54
GMA3-10	997.54	10/4/06	11.94	11.80	0.14	---	17.93	0.00	985.73
GMA3-10	997.54	10/11/06	11.82	11.72	0.10	---	17.93	0.00	985.81
GMA3-10	997.54	10/16/06	11.72	11.68	0.04	---	17.94	0.00	985.86
GMA3-10	997.54	10/25/06	11.50	11.41	0.09	---	17.92	0.00	986.12
GMA3-10	997.54	10/31/06	11.39	11.31	0.08	---	17.94	0.00	986.22
GMA3-11	997.25	10/25/06	10.81	---	0.00	---	18.36	0.00	986.44
GMA3-12	997.84	10/4/06	12.29	12.15	0.14	---	21.24	0.00	985.68
GMA3-12	997.84	10/11/06	12.15	12.05	0.10	---	21.24	0.00	985.78
GMA3-12	997.84	10/16/06	12.14	11.95	0.19	---	21.20	0.00	985.88
GMA3-12	997.84	10/25/06	11.84	11.70	0.14	---	21.20	0.00	986.13
GMA3-12	997.84	10/31/06	11.79	11.62	0.17	---	21.24	0.00	986.21
GMA3-13	997.73	10/4/06	12.00	---	0.00	---	17.58	0.00	985.73
GMA3-13	997.73	10/11/06	11.90	---	0.00	---	17.60	0.00	985.83
GMA3-13	997.73	10/16/06	11.85	11.84	0.01	---	17.58	0.00	985.89
GMA3-13	997.73	10/25/06	11.63	---	0.00	---	17.61	0.00	986.10
GMA3-13	997.73	10/31/06	11.50	---	0.00	---	17.55	0.00	986.23
GMA3-14	997.42	10/25/06	10.84	---	0.00	---	16.81	0.00	986.58
GMA3-15	996.74	10/25/06	11.17	---	0.00	---	17.33	0.00	985.57
OBG-2	992.20	10/26/06	4.92	---	0.00	---	14.83	0.00	987.28
UB-MW-10	995.99	10/25/06	9.77	---	0.00	---	14.91	0.00	986.22
UB-PZ-3	998.15	10/25/06	12.39	12.23	0.16	---	12.43	0.00	985.91
Unkamet Brook Staff Gauges									
GMA3-SG-1	988.90	10/25/06	4.32	Chiseled square in concrete headwall at Outfall 009C DESTROYED					993.22
GMA3-SG-2	981.61	10/25/06	1.56	See Note 5 regarding depth to wate					983.17
GMA3-SG-3	989.42	10/25/06	1.90	See Note 5 regarding depth to wate					991.32
GMA3-SG-4	989.71	10/25/06	NM	See Note 5 regarding depth to wate					NA

Notes:

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

ITEM 24
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 3 (GMA 4)
(GECD340)
OCTOBER 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.
- Resampled monitoring well GMA4-6 due to issues encountered during first sampling attempt at this location in September 2006.
- Conducted drum sampling at Building 78 of purge water generated from wells within GMA 4, as identified in Table 24-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine monitoring at well GMA4-3 and perform fall 2006 semi-annual monitoring event.
- Evaluate results of expedited sampling event at wells 78-1, 78-6, and GMA4-6 (conducted in September 2006) and submit plans for fall 2006 sampling event.
- Conduct fall 2006 groundwater sampling event (see Item 24.e below).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

The fall 2006 groundwater sampling event has been delayed pending evaluation of the data obtained during the expedited sampling activities at wells 78-1, 78-6, and GMA4-6.

f. Proposed/Approved Work Plan Modifications

None

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

GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Building 78 Drum Sampling	B0557-1	10/12/06	Liquid	SGS	PCB, VOC, SVOC, Total Metals (8)	10/31/06
Building 78 Drum Sampling	B1491-1	10/12/06	Liquid	SGS	PCB, VOC, SVOC, Total Metals (8)	10/31/06
Pre-Fall 2006 Groundwater Sampling	78-1	9/28/06	Water	NEA	PCB (f)	10/4/06
Pre-Fall 2006 Groundwater Sampling	78-1	9/28/06	Water	SGS	PCB (f)	10/9/06
Pre-Fall 2006 Groundwater Sampling	78-6	9/28/06	Water	NEA	PCB (f)	10/4/06
Pre-Fall 2006 Groundwater Sampling	78-6	9/28/06	Water	SGS	PCB (f)	10/9/06
Pre-Fall 2006 Groundwater Sampling	DUP-1 (78-6)	9/28/06	Water	NEA	PCB (f)	10/4/06
Pre-Fall 2006 Groundwater Sampling	DUP-1 (78-6)	9/28/06	Water	SGS	PCB (f)	10/9/06
Pre-Fall 2006 Groundwater Sampling	GMA4-6	10/2/06	Water	NEA	PCB (f)	10/9/06
Pre-Fall 2006 Groundwater Sampling	GMA4-6	10/2/06	Water	SGS	PCB (f)	10/10/06

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

TABLE 24-2
DATA RECEIVED DURING OCTOBER 2006

PRE-FALL 2006 GROUNDWATER SAMPLING
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-1 09/28/06	78-6 09/28/06	GMA4-6 10/02/06
PCBs-Filtered			
Aroclor-1254	0.000022 AF {ND(0.000062)}	ND(0.000022) [ND(0.000022)] {ND(0.000062) [ND(0.000062)]}	ND(0.000022) {ND(0.00010)}
Total PCBs	0.000022 {ND(0.000062)}	ND(0.000022) [ND(0.000022)] {ND(0.000062) [ND(0.000062)]}	ND(0.000022) {ND(0.00010)}

Notes:

1. Samples were collected by BBL, an ARCADIS company (BBL), and submitted to Northeast Analytical, Inc. and SGS Environmental Services, Inc. for analysis of PCBs (filtered).
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
3. Only those constituents detected in one or more samples are summarized.
4. Field duplicate sample results are presented in brackets.
5. Samples results analyzed by SGS Environmental Services, Inc. are presented in curly brackets {}.

Data Qualifiers:

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

TABLE 24-3
DATA RECEIVED DURING OCTOBER 2006

BUILDING 78 DRUM SAMPLING
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	B0557-1 10/12/06	B1491-1 10/12/06
Volatile Organics		
Chloroform	0.00023 J	ND(0.0010)
Methylene Chloride	0.00020 J	0.00021 J
Tetrachloroethene	0.0051	ND(0.0010)
PCBs-Unfiltered		
None Detected	--	--
Semivolatile Organics		
bis(2-Ethylhexyl)phthalate	0.0032 J	ND(0.010)
Inorganics-Unfiltered		
Arsenic	0.0183	0.0183
Barium	0.629	0.165
Chromium	0.195	0.0563
Lead	0.160	0.0632
Mercury	0.000336	0.000173 B
Selenium	ND(2.00)	0.0408
Silver	0.00393 B	0.00369 B

Notes:

1. Samples were collected by BBL, an ARCADIS company (BBL), and submitted to SGS Environmental Services, Inc. for analysis of volatiles, PCBs, semivolatiles, and metals.
2. Only those constituents detected in one or more samples are summarized.
3. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles)

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

Inorganics

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

TABLE 24-4
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 4

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
October 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)
060A	1,001.71	10/26/06	15.96	---	0.00	---	20.78	0.00	985.75
060B-R	1,002.79	10/26/06	15.96	---	0.00	---	20.78	0.00	986.83
78-1	1,026.32	10/26/06	9.90	---	0.00	---	22.36	0.00	1,016.42
78-2	1,033.96	10/26/06	10.40	---	0.00	---	20.51	0.00	1,023.56
78-3	1,007.13	10/26/06	17.54	---	0.00	---	24.83	0.00	989.59
78-4	998.55	10/26/06	12.53	---	0.00	---	21.30	0.00	986.02
78-5R	997.36	10/26/06	5.18	---	0.00	---	18.35	0.00	992.18
78-6	1,012.00	10/26/06	7.00	---	0.00	---	17.45	0.00	1,005.00
GMA4-1	1,012.35	10/26/06	23.21	---	0.00	---	28.13	0.00	989.14
GMA4-2	1,006.22	10/26/06	13.20	---	0.00	---	19.73	0.00	993.02
GMA4-3	1,003.95	10/26/06	17.89	---	0.00	---	26.28	0.00	986.06
GMA4-4	999.64	10/26/06	12.37	---	0.00	---	23.02	0.00	987.27
GMA4-6	1,009.12	10/26/06	8.40	---	0.00	---	12.63	0.00	1,000.72
H78B-13R	992.93	10/26/06	10.89	---	0.00	---	19.92	0.00	982.04
H78B-15	1,012.68	10/26/06	14.35	---	0.00	---	18.36	0.00	998.33
H78B-16	999.33	10/26/06	12.38	---	0.00	---	16.88	0.00	986.95
H78B-17	1,002.54	10/26/06	16.41	---	0.00	---	18.94	0.00	986.13
H78B-17R	1,000.31	10/26/06	13.40	---	0.00	---	24.89	0.00	986.91
NY-3	1,005.49	10/26/06	15.36	---	0.00	---	24.74	0.00	990.13
NY-4	1,024.24	10/26/06	8.69	---	0.00	---	31.33	0.00	1,015.55
OPCA-MW-1R	NA	10/26/06	3.90	---	0.00	---	24.51	0.00	NA
OPCA-MW-2	1,019.58	10/26/06	18.65	---	0.00	---	25.31	0.00	1,000.93
OPCA-MW-3	1,014.83	10/26/06	19.87	---	0.00	---	27.41	0.00	994.96
OPCA-MW-4	1,018.67	10/26/06	12.48	---	0.00	---	21.50	0.00	1,006.19
OPCA-MW-5R	1,016.34	10/26/06	10.95	---	0.00	---	21.63	0.00	1,005.39
OPCA-MW-6	1,022.31	10/26/06	19.50	---	0.00	---	23.85	0.00	1,002.81
OPCA-MW-7	1,026.57	10/26/06	19.38	---	0.00	---	23.60	0.00	1,007.19
OPCA-MW-8	1,027.40	10/26/06	11.59	---	0.00	---	21.80	0.00	1,015.81
RF-14	1,001.59	10/26/06	9.65	---	0.00	---	22.63	0.00	991.94
RF-15	1,011.80	10/26/06	16.18	---	0.00	---	20.55	0.00	995.62
SCH-4	1,014.05	10/26/06	7.60	---	0.00	---	16.27	0.00	1,006.45
UB-MW-5	1,006.06	10/26/06	14.51	---	0.00	---	15.45	0.00	991.55
UB-MW-6	1,019.79	10/26/06	22.48	---	0.00	---	34.94	0.00	997.31

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.

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

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

a. Activities Undertaken/Completed

- Conducted semi-annual groundwater elevation monitoring.
- Conducted supplemental groundwater sampling activities for VOCs at well GMA5-7.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

Conduct additional groundwater sampling activities, if required by EPA.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 25-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING OCTOBER 2006

GROUNDWATER MANAGEMENT AREA 5
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Semi-Annual Groundwater Sampling	GMA5-7	10/27/06	Water	SGS	VOC	

TABLE 25-2
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 5

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
October 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 5 - Former Oxbow Area A									
GES-7	992.10	10/27/06	16.21	---	0.00	---	16.73	0.00	975.89
GES-8	990.15	10/27/06	14.88	---	0.00	---	16.40	0.00	975.27
GES-9	990.72	10/27/06	16.46	---	0.00	---	16.58	0.00	974.26
GMA 5-1	984.59	10/27/06	9.33	---	0.00	---	15.70	0.00	975.26
GMA 5-3	989.14	10/27/06	17.46	---	0.00	---	25.02	0.00	971.68
GMA 5-4	979.10	10/27/06	8.50	---	0.00	---	17.96	0.00	970.60
GMA 5-7	986.75	10/27/06	15.11	---	0.00	---	27.79	0.00	971.64
GMA 5-8	984.69	10/27/06	12.51	---	0.00	---	21.40	0.00	972.18
GT-7	989.76	10/27/06	17.26	---	0.00	---	23.93	0.00	972.50
GT-101	NA	10/27/06	17.80	---	0.00	---	24.26	0.00	NA
GT-102	NA	10/27/06	17.43	---	0.00	---	24.49	0.00	NA
RW-2	NA	10/27/06	17.48	---	0.00	---	19.90	0.00	NA
GMA 5 - Former Oxbow Area C									
GMA 5-2	982.66	10/27/06	9.97	---	0.00	---	20.46	0.00	972.69
GMA 5-5	982.64	10/27/06	12.00	---	0.00	---	18.63	0.00	970.64
GMA 5-6	979.23	10/27/06	8.25	---	0.00	---	15.39	0.00	970.98

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.

Attachment A

NPDES Sampling Records and Results
October 2006

BBL®
an ARCADIS company

TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING OCTOBER 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-A7612	10/2/06	Water	Columbia	Oil & Grease	10/11/06
NPDES Sampling	001-A7614	10/2/06	Water	Accutest	PCB	10/19/06
NPDES Sampling	001-A7619	10/3/06	Water	Columbia	TSS	10/11/06
NPDES Sampling	005-A7600/A7601	9/26/06	Water	Accutest	PCB	10/12/06
NPDES Sampling	005-A7620/A7621	10/3/06	Water	Accutest	PCB	10/19/06
NPDES Sampling	005-A7620/A7621	10/3/06	Water	Columbia	TSS, BOD	10/11/06
NPDES Sampling	005-A7632/A7633	10/10/06	Water	Accutest	PCB	10/27/06
NPDES Sampling	005-A7653/A7654	10/17/06	Water	Accutest	PCB	
NPDES Sampling	005-A7668/A7669	10/24/06	Water	Accutest	PCB	
NPDES Sampling	005-A7678/A7679	10/31/06	Water	Accutest	PCB	
NPDES Sampling	006-A7606	10/1/06	Water	Columbia	Oil & Grease	10/11/06
NPDES Sampling	006-A7608	10/1/06	Water	Accutest	PCB	10/19/06
NPDES Sampling	01A-A7603	10/1/06	Water	Columbia	Oil & Grease	10/11/06
NPDES Sampling	01A-A7605	10/1/06	Water	Accutest	PCB	10/19/06
NPDES Sampling	05A-A7638	10/11/06	Water	Columbia	Oil & Grease	10/24/06
NPDES Sampling	05A-A7640	10/11/06	Water	Accutest	PCB	10/27/06
NPDES Sampling	05B-A7644	10/12/06	Water	Columbia	Oil & Grease	10/24/06
NPDES Sampling	05B-A7646	10/12/06	Water	Accutest	PCB	10/27/06
NPDES Sampling	06A-A7658	10/20/06	Water	Columbia	Oil & Grease	
NPDES Sampling	06A-A7660	10/20/06	Water	Accutest	PCB	
NPDES Sampling	09B-A7602	9/26/06	Water	Columbia	TSS, BOD	10/5/06
NPDES Sampling	09B-A7622	10/3/06	Water	Columbia	TSS, BOD	10/11/06
NPDES Sampling	09B-A7634	10/10/06	Water	Columbia	TSS, BOD	10/18/06
NPDES Sampling	09B-A7651	10/16/06	Water	Columbia	TSS, BOD	10/24/06
NPDES Sampling	09B-A7670	10/24/06	Water	Columbia	TSS, BOD	
NPDES Sampling	09B-A7680	10/31/06	Water	Columbia	TSS, BOD	
NPDES Sampling	09C-A7592	9/24/06	Water	Columbia	Oil & Grease	10/5/06
NPDES Sampling	09C-A7609	10/1/06	Water	Columbia	Oil & Grease	10/11/06
NPDES Sampling	09C-A7611	10/1/06	Water	Accutest	PCB	10/19/06
NPDES Sampling	09C-A7642	10/11/06	Water	Columbia	Oil & Grease	10/24/06
NPDES Sampling	09C-A7656	10/17/06	Water	Columbia	Oil & Grease	
NPDES Sampling	09C-A7661	10/22/06	Water	Columbia	Oil & Grease	
NPDES Sampling	09C-A7671	10/29/06	Water	Columbia	Oil & Grease	
NPDES Sampling	64G-A7597	9/25/06	Water	Columbia	Oil & Grease	10/5/06

TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING OCTOBER 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-A7617	10/2/06	Water	Columbia	Oil & Grease	10/11/06
NPDES Sampling	64G-A7623	10/3/06	Water	Columbia	SVOC	10/11/06
NPDES Sampling	64G-A7624	10/3/06	Water	Columbia	VOC	10/11/06
NPDES Sampling	64G-A7629	10/9/06	Water	Columbia	Oil & Grease	10/18/06
NPDES Sampling	64G-A7649	10/16/06	Water	Columbia	Oil & Grease	10/24/06
NPDES Sampling	64G-A7664	10/23/06	Water	Columbia	Oil & Grease	
NPDES Sampling	64G-A7675	10/30/06	Water	Columbia	Oil & Grease	
NPDES Sampling	64T-A7595	9/25/06	Water	Columbia	Oil & Grease	10/5/06
NPDES Sampling	64T-A7615	10/2/06	Water	Columbia	Oil & Grease	10/11/06
NPDES Sampling	64T-A7627	10/9/06	Water	Columbia	Oil & Grease	10/18/06
NPDES Sampling	64T-A7647	10/16/06	Water	Columbia	Oil & Grease	10/24/06
NPDES Sampling	64T-A7663	10/23/06	Water	Columbia	Oil & Grease	
NPDES Sampling	64T-A7673	10/30/06	Water	Columbia	Oil & Grease	
NPDES Sampling	A7526R	10/10/06	Water	Aquatec	Acute Toxicity Test	10/31/06
NPDES Sampling	A7555R	9/11/06	Water	Aquatec	Acute Toxicity Test	10/4/06
NPDES Sampling	A7555R	9/11/06	Water	Aquatec	Chronic Toxicity Test	10/4/06
NPDES Sampling	A7556C	9/11/06	Water	Aquatec	Acute Toxicity Test	10/4/06
NPDES Sampling	A7556C	9/11/06	Water	Aquatec	Chronic Toxicity Test	10/4/06
NPDES Sampling	A7557R	9/13/06	Water	Aquatec	Chronic Toxicity Test	10/4/06
NPDES Sampling	A7558C	9/13/06	Water	Aquatec	Chronic Toxicity Test	10/4/06
NPDES Sampling	A7559R	9/15/06	Water	Aquatec	Chronic Toxicity Test	10/4/06
NPDES Sampling	A7560C	9/15/06	Water	Aquatec	Chronic Toxicity Test	10/4/06
NPDES Sampling	A7625C	10/10/06	Water	Aquatec	Acute Toxicity Test	10/31/06
NPDES Sampling	A7625CCN	10/10/06	Water	Columbia	CN	10/20/06
NPDES Sampling	A7625CDM	10/10/06	Water	Columbia	Filtered Metals (8)	10/20/06
NPDES Sampling	A7625CTM	10/10/06	Water	Columbia	Metals (10)	10/20/06
NPDES Sampling	A7626RCN	10/10/06	Water	Columbia	CN	10/20/06
NPDES Sampling	A7626RTM	10/10/06	Water	Columbia	Metals (10)	10/20/06
NPDES Sampling	NOV06WK1	10/31/06	Water	Columbia	Cu, Pb, Zn	
NPDES Sampling	OCT06WK1	10/3/06	Water	Columbia	Cu, Pb, Zn	10/11/06
NPDES Sampling	OCT06WK3	10/17/06	Water	Columbia	Cu, Pb, Zn	10/25/06
NPDES Sampling	OCT06WK4	10/24/06	Water	Columbia	Cu, Pb, Zn	
NPDES Sampling	SEP06WK5	9/26/06	Water	Columbia	Cu, Pb, Zn	10/5/06

TABLE A-2
DATA RECEIVED DURING OCTOBER 2006

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

Parameter / Sample ID: / Date Collected:	001-A7612 10/02/06	001-A7614 10/02/06	001-A7619 10/03/06	01A-A7603 10/01/06	01A-A7605 10/01/06	005-A7600/A7601 09/26/06	005-A7620/A7621 10/03/06
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	0.00027	NA	NA	0.00032	ND(0.000050) {ND(0.000050)}	ND(0.000050)
Aroclor-1260	NA	0.00024	NA	NA	0.00024	ND(0.000050) {ND(0.000050)}	ND(0.000050)
Total PCBs	NA	0.00051	NA	NA	0.00056	ND(0.000050) {ND(0.000050)}	ND(0.000050)
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	NA	ND(2.0) X
Total Suspended Solids	NA	NA	6.60	NA	NA	NA	ND(1.00)
Oil & Grease	ND(5.1)	NA	NA	ND(5.2)	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING OCTOBER 2006

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

Parameter / Sample ID: / Date Collected:	005-A7632/A7633 10/10/06	05A-A7638 10/11/06	05A-A7640 10/11/06	05B-A7644 10/12/06	05B-A7646 10/12/06	006-A7606 10/01/06	006-A7608 10/01/06	09B-A7602 09/26/06
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	ND(0.000050)	NA	0.00021	NA	0.0017	NA	0.00027	NA
Aroclor-1260	ND(0.000050)	NA	0.00027	NA	0.0026	NA	0.00041	NA
Total PCBs	ND(0.000050)	NA	0.00048	NA	0.0043	NA	0.00068	NA
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	ND(2.0)
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	9.00
Oil & Grease	NA	ND(5.3)	NA	ND(5.0)	NA	ND(5.2)	NA	NA

TABLE A-2
DATA RECEIVED DURING OCTOBER 2006

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

Parameter / Sample ID: / Date Collected:	09B-A7622 10/03/06	09B-A7634 10/10/06	09B-A7651 10/16/06	09C-A7592 09/24/06	09C-A7609 10/01/06	09C-A7611 10/01/06	09C-A7642 10/11/06	64G-A7597 09/25/06	64G-A7617 10/02/06
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	ND(0.000050)	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	ND(0.000050)	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	ND(0.000050)	NA	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) X	ND(2.0)	ND(2.0)	NA	NA	NA	NA	NA	NA
Total Suspended Solids	2.40	3.00	2.35	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	ND(5.2)	ND(5.1)	NA	ND(5.1)	ND(5.2)	ND(5.1)

TABLE A-2
DATA RECEIVED DURING OCTOBER 2006

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

Parameter / Sample ID: / Date Collected:	64G-A7623 10/03/06	64G-A7624 10/03/06	64G-A7629 10/09/06	64G-A7649 10/16/06	64T-A7595 09/25/06	64T-A7615 10/02/06	64T-A7627 10/09/06	64T-A7647 10/16/06	A7625CCN 10/10/06
Volatile Organics									
1,1,1-Trichloroethane	NA	0.0015	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	0.0022	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NA	0.00071	NA	NA	NA	NA	NA	NA	NA
Chloroform	NA	0.00054	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	NA	0.00075	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	0.0493
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
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	ND(5.2)	ND(5.1)	ND(5.1)	ND(5.1)	ND(5.2)	ND(5.1)	NA

TABLE A-2
DATA RECEIVED DURING OCTOBER 2006

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

Parameter / Sample ID: / Date Collected:	A7625CDM 10/10/06	A7625CTM 10/10/06	A7626RCN 10/10/06	A7626RTM 10/10/06	OCT06WK1 10/03/06	OCT06WK3 10/17/06	SEP06WK5 09/26/06
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	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics							
None Detected	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered							
Aluminum	NA	ND(0.100)	NA	ND(0.100)	NA	NA	NA
Cadmium	NA	ND(0.00500)	NA	ND(0.00500)	NA	NA	NA
Calcium	NA	79.6	NA	23.0	NA	NA	NA
Chromium	NA	ND(0.0100)	NA	ND(0.0100)	NA	NA	NA
Copper	NA	ND(0.0200)	NA	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200)
Cyanide	NA	NA	ND(0.0100)	NA	NA	NA	NA
Lead	NA	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Magnesium	NA	33.5	NA	8.81	NA	NA	NA
Nickel	NA	ND(0.0400)	NA	ND(0.0400)	NA	NA	NA
Silver	NA	ND(0.0100)	NA	ND(0.0100)	NA	NA	NA
Zinc	NA	ND(0.0200)	NA	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200)
Inorganics-Filtered							
Aluminum	ND(0.100)	NA	NA	NA	NA	NA	NA
Cadmium	ND(0.00500)	NA	NA	NA	NA	NA	NA
Chromium	ND(0.0100)	NA	NA	NA	NA	NA	NA
Copper	ND(0.0200)	NA	NA	NA	NA	NA	NA
Lead	ND(0.00500)	NA	NA	NA	NA	NA	NA
Nickel	ND(0.0400)	NA	NA	NA	NA	NA	NA
Silver	ND(0.0100)	NA	NA	NA	NA	NA	NA
Zinc	ND(0.0200)	NA	NA	NA	NA	NA	NA
Conventionals							
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING OCTOBER 2006

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

Notes:

1. Samples were collected by General Electric Company and submitted to Accutest Laboratories and Columbia Analytical 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 parenthesis is the associated detection limit.
4. With the exception of inorganics and conventional parameters, only those constituents detected in one or more samples are summarized.
5. -- Indicates that all constituents for the parameter group were not detected.
6. Blind duplicate sample results analyzed by Accutest Laboratories are presented in curly brackets {}.

Data Qualifiers:

Organics

X - The spike recovery of BOD for the Laboratory Control Sample (LCS) was outside the lower control criterion. The analyte in question was not detected in the associated field samples. The error associated with reduced recovery equates to a potential low bias. Additional analysis of the associated field samples (out of holding time) was not performed at the request of the client. The data is "X" flagged to indicate the problem.

Attachment B

NPDES Discharge Monitoring Reports
September 2006

BBL®
an ARCADIS company

Form Approved.
OMB No. 2040-0004

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

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

MA0003891	005 1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	09	01	TO	06	09	30

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

*** NO DISCHARGE [ ] 1 ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	******	******	******		0	01/30	CP
00310 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	90 MO AVG	135 DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	******	******	******		0	01/30	CP
00530 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	188 MO AVG	270 DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
OIL & GREASE	SAMPLE MEASUREMENT	******	20.9	(26) LBS/DY	******	******	5.2	(19) MG/L	0	01/07	GR
00556 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	135 DAILY MX	LBS/DY	******	******	15 DAILY MX	MG/L		WEEKLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	******	******	******	.	0	01/07	CP
39516 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	0.01 MO AVG	0.03 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLAN	SAMPLE MEASUREMENT	0.133	0.408	(03) MGD	******	******	******		0	99/99	RC
50050 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	2.09 MO AVG	2.09 DAILY MX	MGD	******	******	******	**** ****		CONTINUOUS	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2006	10	24
AREA CODE	NUMBER	YEAR	MO	DAY

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

SEE PAGE 6 + 9 OF PERMIT FOR SAMPLING REQUIREMENTS. SEE DMR(S) 064G + 064T FOR FURTHER PARAMETERS.

Form Approved.
OMB No. 2040-0004

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

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

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

MA0003891 — PERMIT NUMBER
064 0 — DISCHARGE NUMBER

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

*** NO DISCHARGE ( ) ***

NOTE: Read Instructions before completing this form.

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	09	01	TO	06	09	30

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH	SAMPLE MEASUREMENT	******	******		7.5	******	7.7	(12 SU	0	99/99	RCDR
00400 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-G
BASE NEUTRALS & ACID (METHOD 625), TOTA	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	******	******		******	0.00162	0.00162	(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

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

AREA CODE: 413 — NUMBER: 448-5902

DATE

YEAR: 2006 — MO: 10 — DAY: 24

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

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

Form Approved.
OMB No. 2040-0004

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

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

MA0003891	064 T	MAJOR
PERMIT NUMBER	DISCHARGE NUMBER	(SUBR W)
		F - FINAL
		WASTEWATER TREATMENT (005)

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	09	01	TO	06	09	30

*** NO DISCHARGE ( ) ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	*******		6.8	******	8.2	(12)	0	99/99	RCDR
00400 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU SU		WEEKLY	GRAB
DIBENZOFURAN	SAMPLE MEASUREMENT	******	******		******	NODI [6]	NODI [6]	(22)			
81302 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	PPT		ONCE/ MONTH	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2006	10	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 — PERMIT NUMBER
007 1 — DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	09	01	TO	06	09	30

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

*** NO DISCHARGE [X] ***

Form Approved.
OMB No. 2040-0004

NOTE: Read Instructions before completing this form.

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2006	10	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.

Form Approved.
OMB No. 2040-0004

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

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

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

MA0003891	009 A
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	09	01	TO	06	09	30

*** NO DISCHARGE ~~THIS MONTH~~ ***

NOTE: Read Instructions before completing this form.

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2006	10	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.

Form Approved.
OMB No. 2040-0004

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

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

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

MA0003891	009 B
PERMIT NUMBER	DISCHARGE NUMBER

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

*** NO DISCHARGE [ ] ***

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	09	01	TO	06	09	30

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	******	******	******		0	01/07	CP
00310 V 0 0	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
SEE COMMENTS BELOW											
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	0.6	1.4	(26) LBS/DY	******	******	******		0	01/07	CP
00530 V 0 0	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
SEE COMMENTS BELOW											
FLOW, IN CONDUIT OR THRU TREATMENT PLAN	SAMPLE MEASUREMENT	0.032	0.207	(03) MGD	******	******	******		0	99/99	RC
50050 V 0 0	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		CONTINUOUS	RCORDR
SEE COMMENTS BELOW											
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2006	10	24
AREA CODE	NUMBER	YEAR	MO	DAY

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

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

Form Approved.
OMB No. 2040-0004

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

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

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

MA0003891	009 1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	09	01	TO	06	09	30

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

*** NO DISCHARGE [ ] ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
BOD, 5-DAY (20 DEG C)	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	******	******	******		0	01/07	CP
00310 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
PH	SAMPLE MEASUREMENT	******	******		6.7	******	7.3	(12) SU	0	01/07	GR
00400 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-C
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	0.6	1.4	(26) LBS/DY	******	******	******		0	01/07	CP
00530 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
OIL & GREASE	SAMPLE MEASUREMENT	******	1.4	(26) LBS/DY	******	******	5.2	(19) MG/L	0	01/07	GR
00556 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	438 DAILY MX	LBS/DY	******	******	15 DAILY MX	MG/L		WEEKLY	GRAB
POLYCHLORINATED DIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	0	0	(19) MG/L	0	01/90	GR
39516 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.032	0.207	(03) MGD	******	******	******		0	99/99	RC
50050 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		CONTINUOUS	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413	448-5902	2006	10	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.

Form Approved.
OMB No. 2040-0004

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

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

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

MA0003891	SUM A
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	09	01	TO	06	09	30

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

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	1.3	(26) LBS/DY	******	******	******		0	03/30	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
NICKEL TOTAL RECOVERABLE 01074 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	03/30	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
SILVER TOTAL RECOVERABLE 01079 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	03/30	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
ZINC TOTAL RECOVERABLE 01094 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.5	(26) LBS/DY	******	******	******	.	0	01/07	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	6.0	(26) LBS/DY	******	******	******		0	03/30	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
CADMIUM TOTAL RECOVERABLE 01113 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	03/30	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
LEAD TOTAL RECOVERABLE 01114 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.12	(26) LBS/DY	******	******	******		0	01/07	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2006	10	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.

EPA Form 3320-1 (Rev. 8/93) Previous editions

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

NAME GENERAL ELECTRIC CORPORATION

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

FACILITY GENERAL ELECTRIC COMPANY

LOCATION PITTSFIELD MA 01201

ATTN: MICHAEL T CARROLL, EHS&F

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

MA0003891	SUM A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	09	01	TO	06	07	30

Form Approved.
OMB No. 2040-0004

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

*** NO DISCHARGE [ ] ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
CHROMIUM TOTAL RECOVERABLE 01113 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	03/30	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	******	0.03	(26) LBS/DY	******	******	******		0	03/30	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413	448-5902	2006	10	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)*

MA0003891	SUM B
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	09	01	TO	06	09	30

Form Approved.
OMB No. 2040-0004

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

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

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	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
NOEL STAT 7DAY CHR C ERIODAPHNIA TBD3B 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	*******		100	*******	*******	% 23	0	01/30	CP
	PERMIT REQUIREMENT	*******	*******	**** ****	REPORT DAILY MN	*******	*******	PER-CENT		ONCE/ MONTH	COMPOS
NOAEL STAT 48HR ACU CERIODAPHNIA TDA3B 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	*******		NODI [8]	*******	*******	(23			
	PERMIT REQUIREMENT	*******	*******	**** ****	REPORT DAILY MN	*******	*******	PER-CENT		ONCE/ MONTH	COMPOS
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										

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

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

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

TELEPHONE
AREA CODE 413 NUMBER 448-5902

DATE
YEAR 2006 MO 10 DAY 24

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.

Form Approved.
OMB No. 2040-0004

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

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

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

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	005 A

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	07	01	TO	06	09	30

*** 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	*******	*******		7.8	*******	7.8	(12) SU	0	01/90	GR
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	****** ****	6.0 MINIMUM	*******	9.0 MAXIMUM	SU		QTRLY	RANG-C
PH	SAMPLE MEASUREMENT	*******	*******		NODI C	*******	NODI C	(12)			
00400 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	****** ****	6.0 MINIMUM	*******	9.0 MAXIMUM	SU		QTRLY	RANG-C
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
OIL & GREASE	SAMPLE MEASUREMENT	*******	*******		*******	*******	NODI C	(20)			
00556 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	****** ****	*******	*******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	*******	*******		*******	*******	7.0	(21) PPB	0	01/90	GR
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	****** ****	*******	*******	REPORT DAILY MX	PPB		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	*******	*******		*******	*******	NODI C	(21)			
39516 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	****** ****	*******	*******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLAN	SAMPLE MEASUREMENT	*******	0.18	(03) MGD	*******	*******	*******		0	01/90	ES
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	REPORT DAILY MX	MGD	*******	*******	*******	**** ****		QTRLY	ESTIMA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE
Michael T. Carroll Mgr. Pittsfield Remediation Prog. TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	413 448-5902 AREA CODE / NUMBER	2006 10 24 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 '9'.

Form Approved.
OMB No. 2040-0004

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

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

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

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	005 A

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	07	01	TO	06	09	30

*** 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										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	CERTIFICATION	SIGNATURE	TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413	448-5902	2006	10	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 '9'.

Form Approved.
OMB No. 2040-0004

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

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

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

MA0003891	005 B
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	07	01	TO	06	09	30

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	******	******		7.8	******	7.8	(12) SU	0	01/90	GR
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	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		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	8.5	(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	******	0.252	(03) MGD	******	******	******	.	0	01/90	ES
50050 S 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										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

AREA CODE: 413 NUMBER: 448-5902

DATE

YEAR: 2006 MO: 10 DAY: 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

MA0003891	006 1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	07	01	TO	06	09	30

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	******	******		7.4	******	7.4	(12) SU	0	01/90	GR
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	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		QTRLY	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		QTRLY	GRAB
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	NODI [C]	(20			
00556 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	2.0	(21) PPB	0	01/90	GR
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	NODI [C]	(21			
39516 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.029	(03) MGD	******	******	******		0	01/90	ES
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	**** ****		QTRLY	ESTIMA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	Michael T. Carroll	413 448-5902		2006	10	24
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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.

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 '9'.

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

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

Form Approved.
OMB No. 2040-0004

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

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	006 1

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	07	01	TO	06	09	30

*** 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										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		SIGNATURE	TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413	448-5902	2006	10	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 '9'.

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

Form Approved.
OMB No. 2040-0004

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

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

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

MA0003891 — PERMIT NUMBER
006 A — DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	07	01	TO	06	09	30

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	******	******		7.3	******	7.3	(12 SU	0	01/90	GR
00400 1 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-C
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	0	(20 PPM	0	01/90	GR
00556 1 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCB)	SAMPLE MEASUREMENT	******	******		******	******	1.2	(21 PPB	0	01/90	GR
39516 1 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.216	(03) MGD	******	******	******	.	0	01/90	ES
50050 1 S 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										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

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

TELEPHONE

AREA CODE: 413 — NUMBER: 448-5902

DATE

YEAR: 2006 — MO: 10 — DAY: 24

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

QUARTERLY SAMPLE AT POINT OF DISCHARGE

Form Approved.
OMB No. 2040-0004

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

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

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

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	009 D

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

*** NO DISCHARGE [ ] ***

NOTE: Read Instructions before completing this form.

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	07	01	TO	06	09	30

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 3 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-C
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(20			
00556 3 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(21			
39516 3 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLAN	SAMPLE MEASUREMENT	******	NODI [E]	(03)	******	******	******	.			
50050 3 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										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	448-5902	2006	10	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)*

MA0003891	SR0 1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	07	01	TO	06	09	30

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS
*** 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			
PH	SAMPLE MEASUREMENT	******	******		NODI [E]	******	NODI [E]	(12)			
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-G
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(20)			
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(21)			
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	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	******	******	******	**** ****		QTRLY	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.	Michael T. Carroll	413 448-5902	2006	10 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 POINT OF DISCHARGE.

Form Approved.
OMB No. 2040-0004

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

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

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

MA0003891	SRO 2
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	07	01	TO	06	07	30

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		QTRLY	RANG-G
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(20)			
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(21)			
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	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	******	******	******	**** ****		QTRLY	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.	Michael T. Carroll	413 448-5902	2006	10	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 POINT OF DISCHARGE.

Form Approved.
OMB No. 2040-0004

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

NAME GENERAL ELECTRIC CORPORATION

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

FACILITY GENERAL ELECTRIC COMPANY

LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

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

MA0003891	SRO 3
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	07	01	TO	06	09	30

*** 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 C O	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-G
SEE COMMENTS BELOW											
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(20)			
00556 S C O	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	FPM		QTRLY	GRAB
SEE COMMENTS BELOW											
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(21)			
39516 S C O	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
SEE COMMENTS BELOW											
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	NODI [E]	(03)	******	******	******	.			
50050 S O O	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	**** ****		QTRLY	ESTIMA
SEE COMMENTS BELOW											
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

413 448-5902 2

AREA CODE NUMBER

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

SAMPLE AT POINT OF DISCHARGE.

Form Approved.
OMB No. 2040-0004

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

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

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

MA0003891	SRO 4
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	07	01	TO	06	09	30

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 C	******	NODI C	(12)			
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-C
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	NODI C	(20)			
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	NODI C	(21)			
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	NODI C	(03)	******	******	******				
50050 S 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										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	413 448-5902 AREA CODE NUMBER	2006 YEAR	10 MO	24 DAY
TYPED OR PRINTED						

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

SAMPLE AT POINT OF DISCHARGE.

EPA Form 3320-1 (Rev. 2/99) Previous edition

Form Approved.
OMB No. 2040-0004

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

NAME GENERAL ELECTRIC CORPORATION

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

FACILITY GENERAL ELECTRIC COMPANY

LOCATION PITTSFIELD MA 01201

ATTN: MICHAEL T CARROLL, EHS&F

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

MA0003891	SRO 5
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	07	01	TO	06	09	30

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		QTRLY	RANG-G
OIL & GREASE	SAMPLE MEASUREMENT	*******	*******		*******	*******	NODI [E]	(20)			
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	*******	*******		*******	*******	NODI [E]	(21)			
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT DAILY MX	PPB		QTRLY	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	*******	*******	*******	**** ****		QTRLY	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.	Michael T. Carroll	413 448-5902	2006	10	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 POINT OF DISCHARGE.

Attachment C

NPDES Biomonitoring Report
October 2006

BBL®
an ARCADIS company

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

Columbia Analytical Services INC.
An Employee - Owned Company

October 31, 2006

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

Re: NPDES Biomonitoring Report for October 2006
Submission #: R2633798

Dear Mr. Nicholson:

Enclosed is our report on the Acute Whole Effluent Toxicity testing conducted in October 2006. The Outfall Composite samples were collected on 10/10/06 at 11:00 am. The Housatonic River samples were collected on 10/10/06 at 8:20 am. The Outfall Composite and Housatonic River samples were analyzed at Columbia Analytical Services for total cyanide, ammonia, total organic carbon, total phosphorus, chloride, total solids, total suspended solids, total residual chlorine, and total metals. Dissolved metals were analyzed for only on the Outfall Composite samples. Results are presented in Appendix 2. The Outfall Composite and Housatonic River samples were sent directly by General Electric to Aquatec Biological Services for the acute aquatic toxicity testing including the analysis of alkalinity, hardness, specific conductance, and pH. Results are presented in Appendix 1.

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

Thank you for allowing us to provide this service.

Sincerely,

COLUMBIA ANALYTICAL SERVICES

Carlton Beechler
Project Manager

enc.

CC: Jill Piskorz, Pat Fuse and Nicole Evans vial email.

NPDES BIOMONITORING REPORT

GENERAL ELECTRIC COMPANY
Pittsfield, MA
NPDES PERMIT MA 0003891

Monthly Acute Toxicity Monitoring
Dry Weather Conditions
October 2006

WHOLE EFFLUENT TOXICITY TEST REPORT CERTIFICATION

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

Executed on _____ _____
(Date) (Authorized Signature)

Michael T. Carroll

General Electric Co. – Pittsfield, MA
Permit MA0003891

Prepared by: Carlton R. Beechler
October 31, 2006

TABLE OF CONTENTS

I. Summary

On October 9-10, 2006 sampling of wastewater discharges from the General Electric Company facility in Pittsfield MA was conducted in accordance with the dry weather toxicity testing requirement of the GE NPDES Permit MA0003891. Composite samples were collected from GE outfalls 001, 005-64T, 005-64G and 09B over a 24-hour period. These composite samples were combined in a flow-proportioned manner to generate a single wastewater sample that was shipped to Aquatec Biological Sciences in Williston, Vermont. A grab sample of Housatonic River water, to be used as dilution water in the toxicity test, was collected upstream of the GE discharges on October 10, 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 O'Brien & Gere, Inc. and Columbia Analytical Services. The analytical results are summarized in Table I and the detailed laboratory test data are include as Appendices to this report. As a result of land transfer documents executed on April 27, 2005 and recorded in the Berkshire County Registry of Deeds on May 2, 2005, Outfalls 001 and 004 were transferred to the Pittsfield Economic Development Authority (PEDA). Outfalls 001 and 004 DMRs will no longer be submitted under the GE NPDES Permit No. MA0003891. However, GE's NPDES Permit requires that the metal and toxicity composites to be made by compositing samples from the following outfalls: 001, 004, 005, 007, and 009. These two composites will continue to include an aliquot of water from outfall 001 and outfall 004, and will be reported on GE's DMR until further actions by the Agencies.

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

II. Review of Toxicity Test Results

The wastewater discharge sample collected on October 9-10, 2006 was tested for 48-hour acute toxicity using *Daphnia pulex* organisms. The sample did not require dechlorination with sodium thiosulfate ($Na_2S_2O_3$) prior to toxicity testing. Aquatec Biological Sciences reported the results of this toxicity testing as follows:

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

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

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

Control Analysis	Result
Survival in 100% dilution water	100%
Survival in laboratory water	92%
Survival in laboratory water with 100 mg/L sodium thiosulfate	100%
LC_{50} for Daphnia pulex in sodium chloride reference toxicant solution	4.098g NaCl/L October 11, 2006

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

III. Review of Wastewater Sampling Procedures

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

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

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

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

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

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

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

IV. Review of Individual NPDES Discharges

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

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

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

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

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

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

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

Table I – Summary of Analytical results for

NPDES Outfall Composite Sample and Housatonic River Dilution Water
October 9-10, 2006

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

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

Parameter Tested	Laboratory	Effluent Composite	Housatonic River
Ammonia	CAS	0.435	ND (0.0500)
Chloride	CAS	187	16.1
Total Alkalinity	CAS	327	85.6
Total Organic Carbon	CAS	6.45	4.80
Total Phosphorus	CAS	ND (0.0500)	ND (0.0500)
Total Solids	CAS	669	132
Total Suspended Solids	CAS	ND (1.00)	ND (1.00)
Hardness	Aquatec	328	102
Spec. Conductance (umhos)	Aquatec	1276	253
pH (SU)	Aquatec	7.9	7.6
TRC (start of toxicity test)	Aquatec	ND	ND
Cyanide	CAS	0.0493	ND (0.0100)
Aluminum, total	CAS	ND (0.100)	ND (0.100)
Aluminum, dissolved	CAS	ND (0.100)	NA
Cadmium, total	CAS	ND (0.00500)	ND (0.00500)
Cadmium, dissolved	CAS	ND (0.00500)	NA
Chromium, total	CAS	ND (0.0100)	ND (0.0100)
Chromium, dissolved	CAS	ND (0.0100)	NA
Copper, total	CAS	ND (0.0200)	ND (0.0200)
Copper, dissolved	CAS	ND (0.0200)	NA
Lead, total	CAS	ND (0.00500)	ND (0.00500)
Lead, dissolved	CAS	ND (0.00500)	NA
Nickel, total	CAS	ND (0.0400)	ND (0.0400)
Nickel, dissolved	CAS	ND (0.0400)	NA
Silver, total	CAS	ND (0.0100)	ND (0.0100)
Silver, dissolved	CAS	ND (0.0100)	NA
Zinc, total	CAS	ND (0.0200)	ND (0.0200)
Zinc, dissolved	CAS	ND (0.0200)	NA
pH (SU)	OB&G	7.90	7.54
Hardness	Aquatec	328	102

All results are mg/L unless otherwise indicated.

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

NA – Not analyzed

APPENDIX 1

Chemical and Acute Toxicity Data

Aquatec Biological Sciences

Aquatec Biological Sciences

Ecology | Environmental Toxicology | Natural Resource Assessments | Microbiology

October 18, 2006

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

Dear Mr. Beechler:

Enclosed please find one bound and one unbound copies of our report of the results for whole effluent toxicity testing of samples received from GE Pittsfield, Massachusetts on October 10, 2006.

According to the Chain-of-Custody documentation the samples for Whole Effluent Toxicity (WET) Testing were collected on October 10, 2006. The samples were transported to Aquatec Biological Sciences, Inc. by courier and delivered on the same day. The effluent sample (Sample 33630) was logged in for the acute 48-hour static toxicity test with *Daphnia pulex*. The receiving water sample (Sample 33631) 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 October 11, 2006, within the specified holding time.

At the conclusion of the toxicity test on October 13, 2006, a final count of surviving organisms was completed. The average survival was 96 - 100 percent in all test concentrations. Acute toxicity to *Daphnia pulex* was not detected, and the 48-hour LC50 reported as >100% effluent (Section 4.1 of the report).

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

Sincerely,

John Williams
Manager, Environmental Toxicology

This report consists of the following numbered pages: 1 - 44

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 October 2006

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

SDG number: 9911
Effluent ID: Outfall Composite A7625C Aquatec sample number: 33630
Receiving water ID: Housatonic River A7626R Aquatec sample number: 33631

Study Director: John Williams

October 18, 2006

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

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

Signatures and Approval

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

Study Director
John Williams

10/18/06
Date

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

10/25/06
Date

Whole Effluent Toxicity Test Report Certification

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

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

Executed on: Date: 10/18/06

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:	9911
Test material:	Composite effluent from the General Electric Company located in Pittsfield, Massachusetts
GE sample ID:	OUTFALL COMPOSITE A7625C
Dilution water:	Water from the Housatonic River (grab sample)
GE sample ID:	HOUSATONIC RIVER A7626R
Dates collected:	October 10, 2006
Date received:	October 10, 2006
Test dates:	October 11-13, 2006
Test concentrations:	100%, 75%, 50%, 35%, 15%, 5% effluent. Dilution water control (Housatonic River A7626R) 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 October 11 - 13, 2006 at Aquatec Biological Sciences, Inc. (Aquatec) located in Williston Vermont. Aquatec Biological Sciences, Inc. holds NELAC accreditation for the requested whole effluent toxicity test. All original raw data and the final report produced for this study are stored in Aquatec's archives in Williston, Vermont.

2.0 Materials and Methods

2.1 Protocol

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

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

Additional SOPs used in this study are outlined below:

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

2.2 Effluent and Receiving Water Samples

The effluent sample (Outfall Composite A7625C) was collected by GE personnel from October 9 - 10, 2006. The receiving water sample (Housatonic River A7626R) was a grab collected from the Housatonic River on October 10, 2006. Samples were delivered to Aquatec on the same day. Upon receipt at Aquatec on October 10, 2006, the temperature of the temperature blank contained within the cooler was 0.7°C. The effluent and receiving water were prepared for testing and characterized (Table 1). The receiving water was the dilution water for preparing effluent concentrations and was also the reference control for statistical comparisons.

2.3 Control water

Laboratory control water for the toxicity test was a 1:1 mixture of laboratory reconstituted moderately hard water and 60-micron filtered river water collected from the Lamoille River, Vermont. This water was characterized for the following parameters: pH (7.8); dissolved oxygen (8.2 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 approximately 100 daphnids. The culture water was laboratory reconstituted moderately hard water. Prior to use, the culture water was characterized:

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

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

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

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

2.5 Test Procedures

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

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

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

2.6 Test Monitoring

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

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

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

2.7 Reference Toxicant Test

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

3.0 Statistics

3.1 Statistical protocol

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

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

4.0 Results

4.1 Effluent Toxicity Test

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

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

4.2 Reference Toxicant Test

A standard reference toxicant (SRT) test was performed concurrently with the effluent toxicity test, using the same batch of daphnid neonates. The resulting 48-hour LC50, calculated by the Spearman-Karber method, was 4.10 g NaCl/L with 95% confidence intervals of 1.85 – 4.77 g/L. This LC50 value was within the Control Chart limits generated for tests in our laboratory.

5.0 Qualifiers

5.1 Qualifiers and Special Conditions

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

References

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

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

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

Parameter	Effluent OUTFALL COMPOSITE A7625C	Housatonic River A7626R HOUSATONIC RIVER A7626R
Temperature	21.0	20.9
pH	7.9	7.6
Alkalinity (as $CaCO_3$), mg/L	316	84
Hardness (as $CaCO_3$), mg/L	328	102
Dissolved oxygen, mg/L	8.5	8.7
Specific conductivity, uS/cm	1276	253
Salinity ($^{o}/_{oo}$)	1	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, October 11-13, 2006.

Test Concentration (% effluent)	pH			Dissolved Oxygen (mg/L)			Temperature (°C)		
	0	24	48	0	24	48	0	24	48
Dechl. Control	7.8	-	7.7	8.3	-	8.9	20.7	20.7	20.7
Lab Control	7.8	-	7.7	8.2	-	8.9	20.5	20.7	20.8
Dilution Control	7.6	-	7.8	8.7	-	9.0	20.9	20.5	20.3
5%	7.6	-	7.8	8.8	-	9.0	21.0	20.5	20.4
15%	7.6	-	7.9	8.7	-	9.1	21.0	20.5	20.4
35%	7.8	-	8.1	8.8	-	9.0	21.0	20.5	20.4
50%	7.8	-	8.2	8.6	-	9.1	21.0	20.5	20.4
75%	7.8	-	8.3	8.6	-	9.1	21.0	20.4	20.3
100%	7.9	-	8.4	8.5	-	9.2	21.0	20.2	20.2

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, October 11-13, 2006.

Effluent Conc. (%)	24-hour						48-hour					
	A	B	C	D	E	Avg	A	B	C	D	E	Avg
Dechl. Control	0	0	0	0	0	0	0	0	0	0	0	0
Lab Control	0	40	0	0	0	8	0	40	0	0	0	8
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	20	0	0	0	4
35%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
75%	0	0	0	0	0	0	0	0	0	0	0	0
100%	0	0	0	0	0	0	0	0	0	0	0	0

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

Percent mortality = (# dead/5) X 100

Appendix 1
Chain-of-Custody Documentation

Aquatec Biological Sciences
Chain-of-Custody Record

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

COMPANY INFORMATION	COMPANY'S PROJECT INFORMATION	SHIPPING INFORMATION
Name: General Electric Company	Project Name: GE PITTSFIELD	Carrier:
Address: O'Brien & Gere	**Outfall Composite**	
1000 East Street, Gate 64	Project Number: 06004	Airbill Number:
City/State/Zip: Pittsfield, MA 01201	Sampler Name(s): SEAN COYLE MARK WASNEWSKY	
Telephone: (413) 494-6709	NPDES Permit #: MA0003891	Date Shipped: 10-10-06
Facsimile: (413)494-7052		
Contact Name: Mark Wasnewsky	Quote #: 10/05 Client Code: GEPITTS	Hand Delivered: ☒ Yes ☐ No

SAMPLE IDENTIFICATION	COLLECTION DATE	COLLECTION TIME	GRAB	COMPOSITE	MATRIX	ANALYSIS (detection limits, mg/L)	VOLUME/CONTAINER TYPE/ PRESERVATIVE: NUMBER OF CONTAINERS — 4°C Plastic 1 gal	4°C Plastic 1/2 gal	4°C H_2SO_4 Plastic 1 L	4°C H_2SO_4 Glass 40 ml	4°C Glass 40 mL	4°C HNO: Plasti 0.5 L
Outfall Composite A7625C	10-10-06	1100 AM		X	Effluent	*Daphnia pulex* 48-h Static Acute Toxicity (EPA Method 2021.0). Log in for A48DPS	1					
Outfall Composite A7625C	10-10-06	1100 AM		X	Effluent	Total Residual Chlorine					1	
Housatonic River A7526R	10-10-06	820 AM	X		Receiving	Dilution Water	1					
Housatonic River A7526R	10-10-06	820 AM	X		Receiving	Total Residual Chlorine					1	

Relinquished by: *(signature)*	DATE	TIME	Received by: *(signature)*
Mark Wasnewsky	10-10-06	1120	Steven Rawley
Relinquished by: *(signature)*	DATE	TIME	Received by: *(signature)*
	10/10/06	15:30	Kate S
Relinquished by: *(signature)*	DATE	TIME	Received by: *(signature)*

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

Notes to Lab: Ambient cooler temperature: 0.7°C. Dechlorinate the effluent sample if chlorine is detected.

Appendix 2
Summary of Test Conditions

Client: GENERAL ELECTRIC, PITTSFIELD, MA, MA0003891 **SDG: 9911**

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

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

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

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

TOXICITY TEST SUMMARY SHEET

Facility Name: Outfall Composite A7625C Test Start Date: 10/11/06

NPDES Permit Number: MA0003891 Pipe Number: 001

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

Dilution Water: Housatonic River

Receiving Water: Housatonic River

Effllluent Sampling Dates: October 10, 2006

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

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

With Sea Salts? NA Hypersaline Brine Solution? NA

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

Reference Toxicant Date: 10/11/06

PERMIT LIMITS AND TEST RESULTS

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

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

NA: Not Applicable

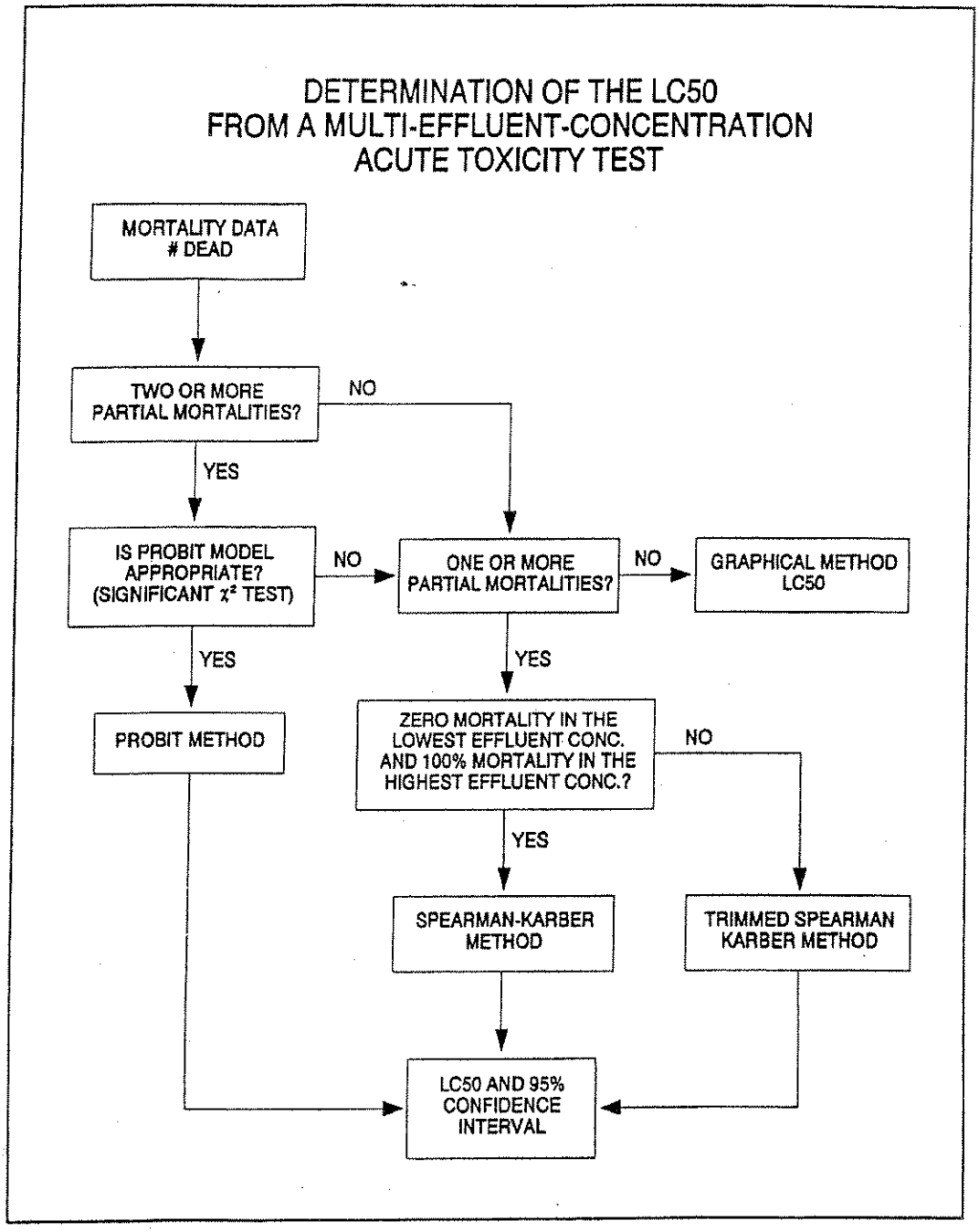


Figure 6. Flowchart for determination of the LC50 for multi-effluent-concentration acute toxicity tests.

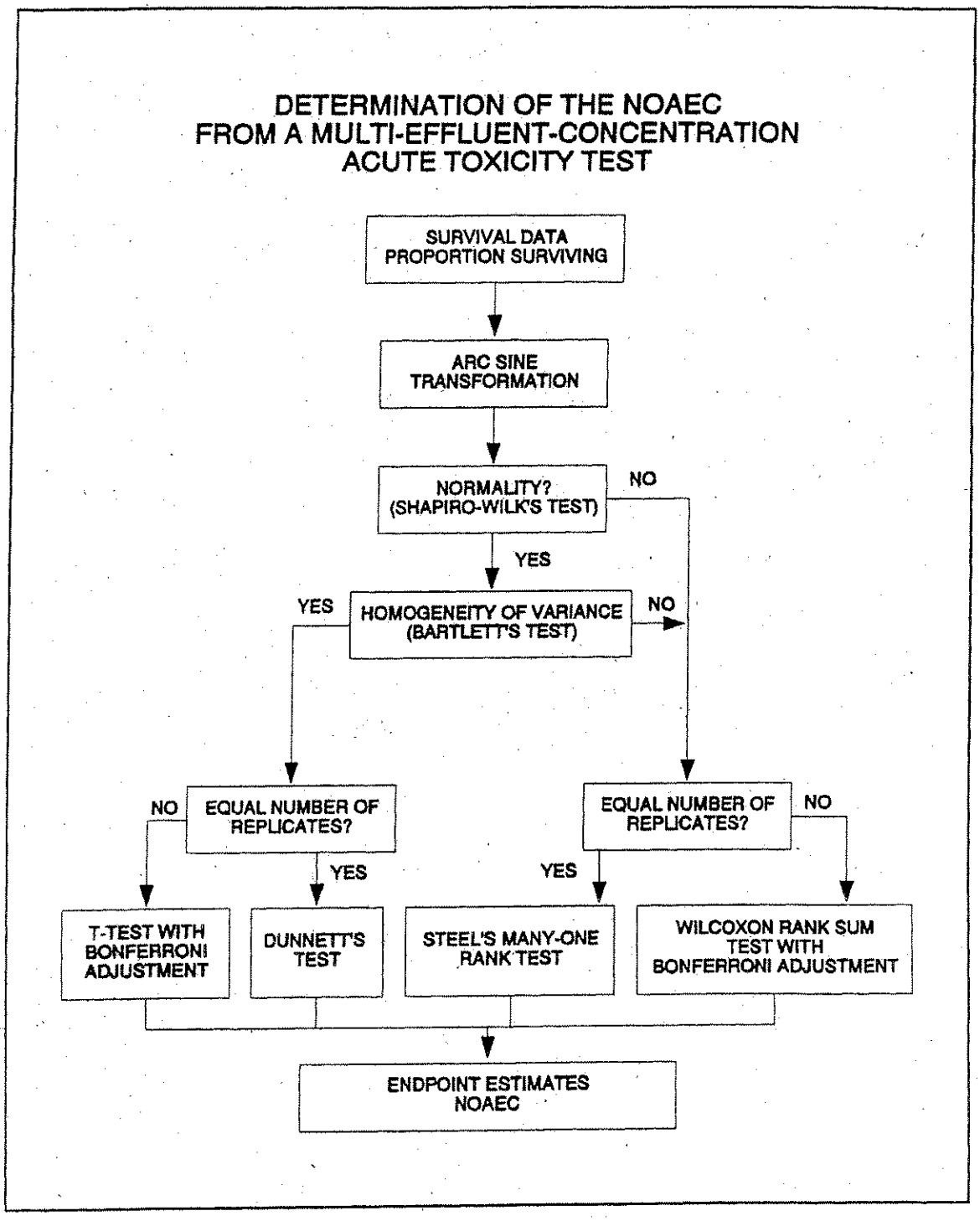


Figure 13. Flowchart for analysis of multi-effluent-concentration test data.

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

Aquatec Biological Sciences, Inc.

Test Date: 10/11/06
Sample Date: 10/10/06
Species: Daphnia pulex
Test Type: Acute - 48 hours

Test Number: 50707
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	1.25	.205	
			X	0.000	D	5	1.35	0.000	
			X	5.000	D	5	1.35	0.000	
			X	15.000	D	5	1.30	.106	
			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	.92	.179	
				0.000	D	5	1.00	0.000	
				5.000	D	5	1.00	0.000	
				15.000	D	5	.96	.089	
				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.					
		Steel many-one rank test	>100.000	>100.000	< 1.00	.002	.080

2 48-h LC50: >100% (DIRECT OBSERVATION)

JWW

Aquatec Biological Sciences, Inc.

WATER FLEA TEST DATA

Test Number: 50707 ( ) Chronic (x) Acute 48 hours
Test Date: 11-Oct-06
Source: MA0003891 Test Material: EFF2 (%)

Conc	Rep	Cont. No.	Sex	Daily Survival Start	1	2	3	4	5	6 End	Prop Alive	Total Young	Max Young
0.00 B	1		F	5		5					1.00		
0.00 B	2		F	5		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		5					1.00		
0.00 D	1		F	5		5					1.00		
0.00 D	2		F	5		5					1.00		
0.00 D	3		F	5		5					1.00		
0.00 D	4		F	5		5					1.00		
0.00 D	5		F	5		5					1.00		
5.00 D	1		F	5		5					1.00		
5.00 D	2		F	5		5					1.00		
5.00 D	3		F	5		5					1.00		
5.00 D	4		F	5		5					1.00		
5.00 D	5		F	5		5					1.00		
15.00 D	1		F	5		5					1.00		
15.00 D	2		F	5		4					.80		
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	6		6					1.00		
50.00 D	4		F	5		5					1.00		
50.00 D	5		F	5		5					1.00		
75.00 D	1		F	5		5					1.00		
75.00 D	2		F	5		5					1.00		
75.00 D	3		F	5		5					1.00		
75.00 D	4		F	5		5					1.00		
75.00 D	5		F	5		5					1.00		
100.00 D	1		F	5		5					1.00		
100.00 D	2		F	5		5					1.00		
100.00 D	3		F	5		5					1.00		
100.00 D	4		F	5		5					1.00		
100.00 D	5		F	5		5					1.00		

QC ✓
RS 10/15/06

Client: GENERAL ELECTRIC, PITTSFIELD, MA Test #: 50707 SDG: 9911
MA0003891
Test Description: *Daphnia pulex* 48-h daily renewal acute toxicity test

SURVIVAL DATA, LAB CONTROL AND DECHLORINATION CONTROL

Treatment (%)		Day 0	Day 1 # Surviving	Day 2 # Surviving
Lab	A	5	5	5
Contr	B	5	② 3	3
	C	5	① 4	5 ③
	D	5	5	5
	E	5	5	5
Dechlor.	A	5	5	5
Control	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
I/D/T		KS 10/11 11:00	KK 10/12 11:00	KK 10/13 11:00

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 One was stuck to the side, appear to be dead
② Two stuck to side, appear to be dead

③ All were alive on day two 10/13/06 KK

Client: GENERAL ELECTRIC, PITTSFIELD, MA Test #: 50707 SDG: 9911
MA0003891
Test Description: *Daphnia pulex* 48-h daily renewal acute toxicity test

SURVIVAL DATA, SAMPLE 33630

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	4
	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
①	C	5/6	6	10
	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 #		33630		
I/D/T		KS 10/11 11:00	KK 10/12 11:00	KK 10/13 11:00

① Appears to have been started with 6 neonates. KK

Daphnia pulex Culture Log

CULTURE ID	WATER RENEWAL? (Lot#) 92906MHW	FED (MWF Sel/YCT TuTh Sel)	CLEARED OF NEONATES? (TIME)	Culture Beakers Washed?	Temp. (°C)	DATE	INIT.
9/18 A,B,C 8/30	—	Sel	—	—	—	9-21-06	KS
9/18 A,B,C	✓ 80%	Sel/YCT 4mL 4mL		Rinsed	20.9		
8/30 C	✓ 80%	Sel/YCT 4mL 4mL		—	—	9/22/06	J
9/18 A,B,C 8/30	—	Sel	—	—	—	9/24/06	KS
9/18 A,B,C 8/30	✓	Yc/Sel	✓	✓	20.3	9/25/06	KS
〃	✓	〃	✓ 10:50	—	20.4	9/26/06	〃
9/18 A,B,C 8/30	✓	Yc/Sel	✓ 11:00	—	20.6	9/27/06	KS
〃	✓	Sel	✓ 10:50	—	20.2	9/28/06	KS
9/18 A,B,C 9/29 Mass	✓	Yc/Sel	9:30	—	20.9	9-29-06	KK
ALL		Yc/Sel				10/1/06	J
9/18 A,B,C 9/29 mass	✓	〃	✓	✓ ALL 9/18's	20.6	10/2/06	KS
〃	—	Sel	—	—	—	10/3/06	〃
9/18 A,B,C 9/29	✓	Yc/Sel	✓	—	21.0	10/4/06	KS
〃	—	Sel	—	—	—	10/5/06	〃
9/18 A,B,C 9/29 Mass	✓	Yc/Sel	—	—	20.6	10-6-06	KK
〃	—	Sel	—	—	—	10-8-06	KS
9/18 A,B,C 9/29 mass	✓	Yc/Sel	✓ 10:15	✓	20.7	10-9-06	KS
9-29 mass	—	Sel	—	—	—	10-10-06	KS
9/18 A,B,C	✓	Yc/Sel	✓ 11:20	—	20.5	〃	〃
9/18 A,B,C 9-29	✓	〃	✓ 10:40	—	—	10-11-06	KS

Selenastrum Lot#: 91206Sel/92606Sel
YC or YCT Lot#: 91406YC

Client: GENERAL ELECTRIC, PITTSFIELD, MA Test #: 50707 SDG: 9911
MA0003891 OUTFALL 001
Test Description: *Daphnia pulex* 48-h daily renewal acute toxicity test

Treatment (%)	Parameter	Day 0	Day 1	Day 2
Lab Contr	pH	7.8	-	7.7
	DO	8.2	-	8.9
	Temp	20.5	20.7	20.8
	Cond.	240	--	255
Dechlorination Control	pH	7.8	-	7.7
	DO	8.3	-	8.9
	Temp	20.7	20.7	20.7
	Cond.	257	--	266
Rec. Water Contr	pH	7.6	-	7.8
	DO	8.7	-	9.0
	Temp	20.9	20.5	20.3
	Cond.	253	--	268
5.0	pH	7.6	-	7.8
	DO	8.8	-	9.0
	Temp	21.0	20.5	20.4
	Cond.	310	--	316
15	pH	7.6	-	7.9
	DO	8.7	-	9.1
	Temp	21.0	20.5	20.4
	Cond.	423	--	411
35	pH	7.8	-	8.1
	DO	8.8	-	9.0
	Temp	21.0	20.5	20.4
	Cond.	641	--	600
50	pH	7.8	-	8.2
	DO	8.6	-	9.1
	Temp	21.0	20.5	20.4
	Cond.	780	--	751
75	pH	7.8	-	8.3
	DO	8.6	-	9.1
	Temp	21.0	20.4	20.3
	Cond.	1032	--	997
100	pH	7.9	-	8.4
	DO	8.5	-	9.2
	Temp	21.0	20.2	20.2
	Cond.	1276	--	1210
Sample #		33630	33630	33630
I/D (2006)		KS 10/11	KK 10/12	KK 10/13

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
33630	Outfall Composite		10/10/06	25	28.8	36.7	KS	10/11/06	316.0	50	14	30.4	KS	10/10/06	328.0
33631	Housatonic River		10/10/06	25	36.7	38.8	KS	10/11/06	84.0	50	30.4	35.5	KS	10/10/06	102.0

10/18/06

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

Total Residual Chlorine Analysis

Client	SDG
GE Pittsfield, MA	9911

Sample #	Sample ID	Collection Date / Time	Analysis Date / Time / Analyst	Result (TRC mg/L)	Method
33630	Outfall Composite A7625C	10/10/06, 11:00	10/10/06, 16;12 JWW	<0.1	DPD Colorimetric
33631	Housatonic River A7626R	10/10/06, 08:20	10/10/06, 16;12 JWW	<0.1	DPD Colorimetric

Review
10/18/06

Sample Preparation

Client: GENERAL ELECTRIC, PITTSFIELD, MA MA0003891	**SDG: 9911**
Test Description: *Daphnia pulex* acute toxicity test.	**Test #: 50707**

Sample Identification:

Sample Description	Rec. Water (Housatonic River)	Effluent		
Sample #	33631	33630		

Sample Preparation:

Filtration	60 micr on ✓	60 micron ✓	60 micron	60 micron
Chlorine [1]	ND	ND		
Dechlorine [2]	—	—		
Salinity (o/oo)	0 ‰	1 ‰		
Prepared by (Init./date)	KS 10/10 + 10/11 2006			

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

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

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

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

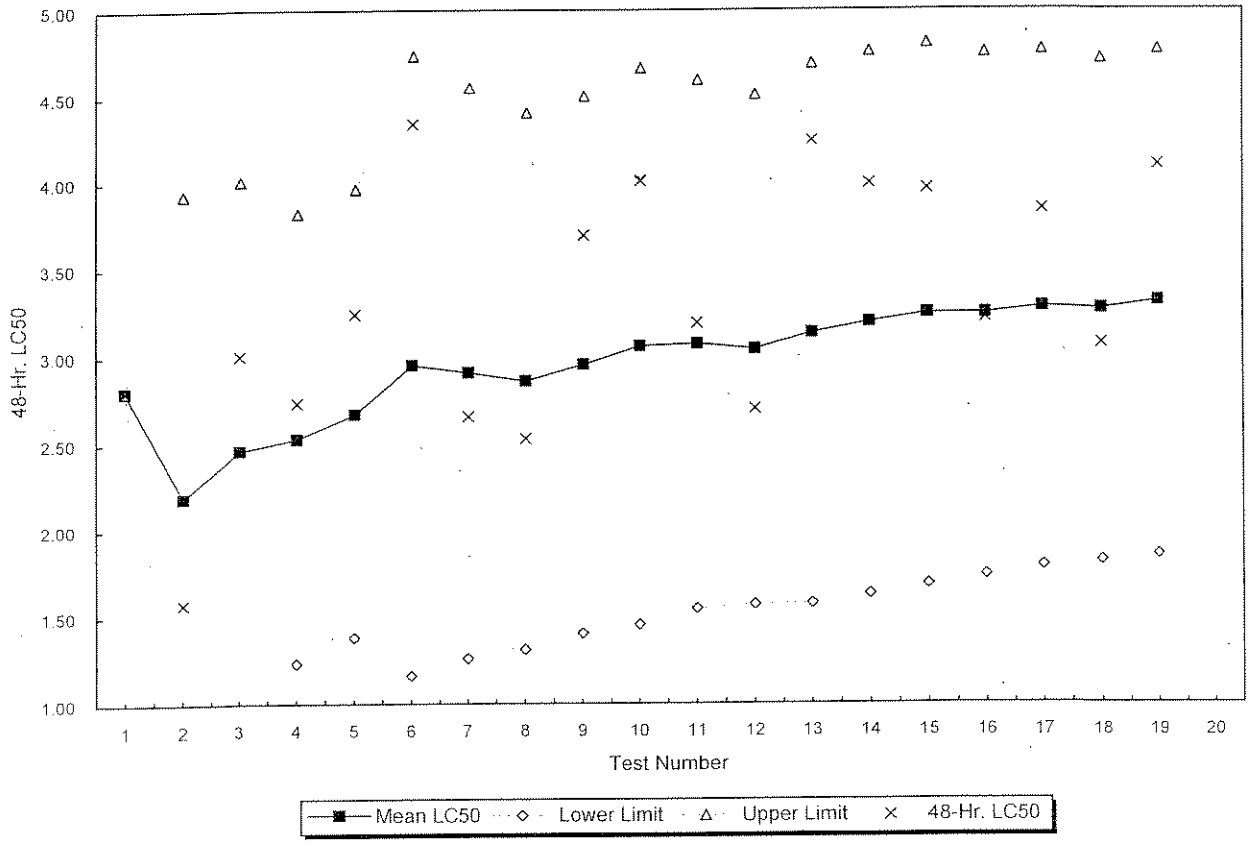
Comments:

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

Appendix 5
Standard Reference Toxicant test Control Chart

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

Test Number	Test Date	Organism Age (Days)	48-Hr. LC50	Mean LC50	Lower Limit	Upper Limit	Organism Source
1	06/10/98	1	2.801	2.80	2.80	2.80	Aquatec Biological Sciences
2	09/17/98	1	1.57	2.19	0.44	3.93	Aquatec Biological Sciences
3	12/15/98	1	3.002	2.46	0.91	4.01	Aquatec Biological Sciences
4	10/08/05	1	2.733	2.53	1.23	3.82	Aquatic BioSystems
5	10/11/05	1	3.241	2.67	1.38	3.96	Aquatic BioSystems
6	10/19/05	1	4.342	2.95	1.16	4.74	Aquatic BioSystems
7	11/02/05	1	2.655	2.91	1.26	4.55	Aquatec Biological Sciences
8	11/08/05	1	2.527	2.86	1.31	4.41	Aquatec Biological Sciences
9	12/07/05	1	3.693	2.95	1.40	4.50	Aquatec Biological Sciences
10	01/05/06	1	4.009	3.06	1.45	4.67	Aquatec Biological Sciences
11	02/08/06	1	3.189	3.07	1.54	4.60	Aquatec Biological Sciences
12	03/11/06	1	2.698	3.04	1.57	4.51	Aquatec Biological Sciences
13	04/06/06	1	4.243	3.13	1.57	4.69	Aquatec Biological Sciences
14	05/10/06	1	3.992	3.19	1.62	4.76	Aquatec Biological Sciences
15	06/07/06	1	3.959	3.24	1.68	4.81	Aquatec Biological Sciences
16	07/11/06	1	3.215	3.24	1.73	4.75	Aquatec Biological Sciences
17	08/08/06	1	3.839	3.28	1.79	4.77	Aquatec Biological Sciences
18	09/13/06	1	3.068	3.27	1.82	4.71	Aquatec Biological Sciences
19	10/11/06	1	4.098	3.31	1.85	4.77	Aquatec Biological Sciences
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 NELAC METHODS / U.S. EPA METHODS 2002.0 AND 2021.0

1.0 IDENTIFICATION OF TEST METHOD

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

2.0 APPLICABLE MATRIX OR MATRICES

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

3.0 DETECTION LIMIT

Not applicable.

4.0 SCOPE AND APPLICATION

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

5.0 SUMMARY OF TEST METHOD

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

6.0 DEFINITIONS

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

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

7.0 INTERFERENCES

Not applicable.

8.0 SAFETY

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

9.0 EQUIPMENT AND SUPPLIES

Calibrated Instrumentation and Water Quality Apparatus:

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

Additional Equipment:

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

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

10.0 REAGENTS AND STANDARDS

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

11.0 SAMPLE COLLECTION, PRESERVATION, SHIPMENT, AND STORAGE

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

12.0 QUALITY CONTROL

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

13.0 CALIBRATION AND STANDARDIZATION

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

14.0 PROCEDURE

14.1 Test System and Conditions

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

14.2 Test Organisms

Procurement and Documentation

Test organisms for the daphnid acute test are obtained from Aquatec's laboratory cultures or commercial supplier. Neonates less than 24-h old are used for testing. Neonates collected for testing may be held in individual culture cups until distributed to tests. Feed neonates approximately 2 hours prior to test initiation by pipeting 0.1 ml yeast-Cerophyll-trout chow (YCT) and *Selenastrum capricornutum* to all neonate holding cups. Store the culture cups, covered, at test temperature (25 ± 1°C or 20 ± 1°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 (EPA-821-R-02-012 Section 11 Figures 12 and 13) and print the entered test data and the statistical results. Check the entered data against the original hand-written test data and record the date and initials. Place the statistical printouts in the project folder (by SDG) and return the folder with all paperwork to the project holding file.

16.0 METHOD PERFORMANCE

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

17.0 POLLUTION PREVENTION

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

18.0 DATA ASSESSMENT AND ACCEPTANCE CRITERIA FOR QUALITY CONTROL MEASURES

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

19.0 CORRECTIVE ACTIONS FOR OUT-OF-CONTROL DATA

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

20.0 CONTINGENCIES FOR HANDLING OUT-OF-CONTROL OR UNACCEPTABLE DATA

Analysts experiencing and "out-of-control" event (e.g., test replicate spills, test solutions improperly prepared, test temperatures out of target range, etc.) should note the event on the bench sheet and also notify the Laboratory Manager or Laboratory Director. A decision will be made by the Laboratory Manager or Laboratory Director as to whether to continue the test (with the appropriate qualifier) or whether to terminate the test. If the test is terminated, the client should be notified so that re-sampling and re-testing can be scheduled as soon as possible.

21.0 WASTE MANAGEMENT

See 17.0 above.

22.0 REFERENCES

The test procedure is based upon the guidelines outlined in EPA-821-R-02-012, *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms* (5th Ed.). Regional guidelines may require in slight modifications of the test protocol (e.g., solution renewals, test duration, target test temperature).

23.0 TABLES, DIAGRAMS, FLOW CHARTS, AND VALIDATION DATA

Refer to Tables 12 and 13 (pp. 51 – 54 of EPA-821-R-02-012) and the EPA Statistical Flow Chart, Figures 12 and 13 of EPA-821-R-02-012 Section 11 and related discussions within that document.

24.0 TRAINING

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

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

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

Approvals:

Laboratory Manager:	Date:

Table 1. Test Protocol

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

1. Test type:	Static, no renewal; or daily renewal
2. Test temperature:	25 ± 1°C (or 20 ± 1°C)
3. Light quality:	Ambient laboratory illumination
4. Photoperiod:	16 hr. light, 8 hr. dark
5. Test chamber size:	30 ml
6. Test solution volume:	25 ml / replicate
7. Renewal of test concentrations:	None if static test, daily if renewal test
8. Age of test organisms:	Less than 24 h
9. No. organisms / test chamber:	5
10. No. of replicate chambers / concentration:	4
11. No. of organisms / concentration:	20
12. Feeding regime:	Feed 0.1 ml of YTC and algal suspension prior to testing. Not fed during test for 48-h tests. Feed 2 hours prior to 48-h (before renewal) for 96-h tests
13. Cleaning:	None
14. Aeration:	None
15. Dilution water:	Receiving Water or laboratory water
16. Test concentrations:	6.25, 12.5, 25, 50, 100% (unless specified otherwise by permit)
17. Laboratory control:	Reconstituted water (soft, moderately hard, or hard)
18. Test duration:	48 h; 96 h
19. Monitoring:	Day 0: temperature, DO, pH, and conductivity. Day 1: temperature. Day 2 (or 4): temperature, DO, pH, and conductivity. Hardness, alkalinity on each new sample. Biological monitoring daily
19. End points:	Survival
20. Reference toxicant test:	Sodium chloride 48-h LC50
21. Test acceptability (Control performance):	90% or greater survival
22. Data interpretation:	LC50 / A-NOEC using TOXIS2 statistical program

DOCUMENT SIGNATURE PAGE

DOCUMENT NAME: SOP TOX2-001 Daphnid Acute Revision 5

Printed Name	I have read and I understand and I agree, to the best of my ability, to follow the procedures outlined in this SOP Signature	Initials	Date

APPENDIX 2

Laboratory Reports

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

NPDES Sampling
GE Pittsfield
Toxicity pH

Date: 10/10/06

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

Effluent Composite
Sample # A7625C
Date 10-10-06
Time 1100AM
pH 7.90 su

River/Dilution Water
Sample # A7626R
Date 10-10-06
Time 820 AM
pH 7.54 su

Mark Wannamaker 10-10-06
Signed & Dated

COLUMBIA ANALYTICAL SERVICES

Reported: 10/20/06

General Electric
Project Reference: GE-PITTSFIELD BIOMONITORING - 10/06
Client Sample ID : A7625C

Date Sampled : 10/10/06 11:00 **Order #:** 940159 **Sample Matrix:** WATER
Date Received: 10/11/06 **Submission #:** R2633798

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1	0.0500	0.435	MG/L	10/18/06	11:39	1.0
CHLORIDE	300.0	0.200	187	MG/L	10/13/06	23:11	40.0
TOTAL ALKALINITY	310.1	2.00	327	MG/L	10/17/06	09:30	1.0
TOTAL ORGANIC CARBON	9060	1.00	6.45	MG/L	10/13/06	14:55	1.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	10/19/06	13:03	1.0
TOTAL SOLIDS	160.3	10.0	669	MG/L	10/12/06	15:50	1.0
TOTAL SUSPENDED SOLIDS	160.2	1.00	1.00 U	MG/L	10/16/06	14:35	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/20/06

General Electric
Project Reference: GE-PITTSFIELD BIOMONITORING - 10/06
Client Sample ID : A7625CCN

Date Sampled : 10/10/06 11:00 **Order #:** 940166 **Sample Matrix:** WATER
Date Received: 10/11/06 **Submission #:** R2633798

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0493	MG/L	10/17/06	09:40	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/20/06

General Electric
Project Reference: GE-PITTSFIELD BIOMONITORING - 10/06
Client Sample ID : A7625CTM

Date Sampled : 10/10/06 11:00 **Order #:** 940162 **Sample Matrix:** WATER
Date Received: 10/11/06 **Submission #:** R2633798

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.100	0.100 U	MG/L	10/18/06	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	10/18/06	1.0
CALCIUM	200.7	1.00	79.6	MG/L	10/18/06	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	10/18/06	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	10/18/06	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	10/18/06	1.0
MAGNESIUM	200.7	1.00	33.5	MG/L	10/18/06	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	10/18/06	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	10/19/06	1.0
ZINC	200.7	0.0200	0.0200 U	MG/L	10/18/06	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/20/06

General Electric
Project Reference: GE-PITTSFIELD BIOMONITORING - 10/06
Client Sample ID : A7625CDM

Date Sampled : 10/10/06 11:00 **Order #:** 940161 **Sample Matrix:** WATER
Date Received: 10/11/06 **Submission #:** R2633798

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.100	0.100 U	MG/L	10/18/06	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	10/18/06	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	10/18/06	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	10/18/06	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	10/18/06	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	10/18/06	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	10/19/06	1.0
ZINC	200.7	0.0200	0.0200 U	MG/L	10/18/06	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/20/06

General Electric
Project Reference: GE-PITTSFIELD BIOMONITORING - 10/06
Client Sample ID : A7626R

Date Sampled : 10/10/06 08:20 **Order #:** 940157 **Sample Matrix:** WATER
Date Received: 10/11/06 **Submission #:** R2633798

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1	0.0500	0.0500 U	MG/L	10/18/06	11:39	1.0
CHLORIDE	300.0	0.200	16.1	MG/L	10/13/06	22:56	10.0
TOTAL ALKALINITY	310.1	2.00	85.6	MG/L	10/17/06	09:30	1.0
TOTAL ORGANIC CARBON	9060	1.00	4.80	MG/L	10/13/06	14:35	1.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	10/19/06	13:03	1.0
TOTAL SOLIDS	160.3	10.0	132	MG/L	10/12/06	15:50	1.0
TOTAL SUSPENDED SOLIDS	160.2	1.00	1.00 U	MG/L	10/16/06	14:35	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/20/06

General Electric
Project Reference: GE-PITTSFIELD BIOMONITORING - 10/06
Client Sample ID : A7626RCN

Date Sampled : 10/10/06 08:20 **Order #:** 940164 **Sample Matrix:** WATER
Date Received: 10/11/06 **Submission #:** R2633798

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	10/17/06	09:40	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/20/06

General Electric
Project Reference: GE-PITTSFIELD BIOMONITORING - 10/06
Client Sample ID : A7626RTM

Date Sampled : 10/10/06 08:20 **Order #:** 940163 **Sample Matrix:** WATER
Date Received: 10/11/06 **Submission #:** R2633798

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.100	0.100 U	MG/L	10/18/06	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	10/18/06	1.0
CALCIUM	200.7	1.00	23.0	MG/L	10/18/06	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	10/18/06	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	10/18/06	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	10/18/06	1.0
MAGNESIUM	200.7	1.00	8.81	MG/L	10/18/06	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	10/18/06	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	10/19/06	1.0
ZINC	200.7	0.0200	0.0200 U	MG/L	10/18/06	1.0

APPENDIX 3

Chain of Custody Forms

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

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

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

SR #

CAS Contact

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

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

PRESERVATIVE: 2 2 4 Ø Ø

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☐ 8260 ☐ 624 ☐ CLP	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (10) EPA 200.7 (List in comments below)	METALS, DISSOLVED (Y) EPA 200.7 (List in comments below)	CYANIDE EPA 335.4	TSS EPA 160.2	CHLORIDE & TOTAL SOLIDS	REMARKS/ ALTERNATE DESCRIPTION
A7625CTM	940162	10.10.06	11 00 AM	H2O	1						X					
A7626RTM	940163	10.10.06	7 20 AM	H2O	1						X					
A7625CDM	940161	10.10.06	11 00 AM	H2O	1							X				FILTERED & PRESERVED
A7625CCN	940166	10.10.06	11 00 AM	H2O	1								X			
A7626RCN	940164	10.10.06	8 20 AM	H2O	1								X			
A7625C	940159	10.10.06	11 00 AM	H2O	1									X		
A7626R	940157	10.10.06	8 20 AM	H2O	1									X		
A7625C	940159	10.10.06	11 00 AM	H2O	1										X	
A7626R	940157	10.10.06	8 20 AM	H2O	1										X	
A7625CCN Q	940166	10-10-06	11 00 AM	H2O	1							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

- TOTAL METALS (10) & DISSOLVED METALS (Y) LISTED ON SAMPLE BOTTLES

- SAMPLES PACKED IN ICE

See QAPP ☐

TURNAROUND REQUIREMENTS

_____ RUSH (SURCHARGES APPLY)

_____ 24 hr _____ 48 hr X 5 day

_____ STANDARD

REQUESTED FAX DATE

REQUESTED REPORT DATE

REPORT REQUIREMENTS

_____ I. Results Only

_____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)

_____ III. Results + QC and Calibration Summaries

X IV. Data Validation Report with Raw Data

_____ V. Specialized Forms / Custom Report

Edata _____ Yes _____ No

INVOICE INFORMATION

PO#

BILL TO:

R2633798

SUBMISSION #: R2633798

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

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature:	Signature: Rachel Jones	Signature:	Signature:	Signature:	Signature:
Printed Name: SEAN C COYLE	Printed Name: Rachel Jones	Printed Name:	Printed Name:	Printed Name:	Printed Name:
Firm: GE	Firm: CAS	Firm:	Firm:	Firm:	Firm:
Date/Time: 10.10.06 / 2 30 PM	Date/Time: 10/11/06 0925	Date/Time:	Date/Time:	Date/Time:	Date/Time:

SCOC-1102-08

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

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

One Mustard St., Suite 250 • Rochester, NY 14609-0659 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE _____ OF _____

SR #
CAS Contact

Project Name: NPDES PERMIT	Project Number:
Project Manager: J. NICHOLSON	Report CC:
Company/Address: GE CE P 159 PLASTICS AVE, BLDG 59 PITTSFIELD, MA 01201	
Phone #: (413)494-5915	FAX#: (413)494-5935
Sampler's Signature: S. C. Coyle	Sampler's Printed Name: SEAN C COYLE

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE: 2 3 3 0 2 0

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☐ 8260 ☐ 624 ☐ CLP	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (10) EPA 2017 (List in comments below)	METALS, DISSOLVED (List in comments below)	TOTAL PHOSPHORUS & NH3	TOC	ALKALINITY	O&G EPA 1664	TSS EPA 160.2		REMARKS/ ALTERNATE DESCRIPTION
A7625C	940159	10.10.06	11 00 AM	H2O	1						X								
A7626R	940157	10.10.06	8 20 AM	H2O	1						X								
A7625C	940159	10.10.06	11 00 AM	H2O	3								X						
A7626R	940157	10.10.06	8 20 AM	H2O	3								X						
A7625C	940159	10.10.06	11 00 AM	H2O	1										X				
A7626R	940157	10.10.06	8 20 AM	H2O	1										X				
A7625CTMQ	940162	10.10.06	11 00 AM	H2O	1					X									Matrix Spike
A7627		10.9.06	7 00 AM	H2O	1								S/C		X				
GHC-A7629		10.9.06	7 00 AM	H2O	1								S/C		X				
09B-A7634		10.10.06	7 00 AM	H2O	1											X			

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

SPECIAL INSTRUCTIONS/COMMENTS
Metals Total Metals (10) Listed on sample bottles

- SAMPLES PACKED IN ICE

See QAPP ☐

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

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

INVOICE INFORMATION
PO#
BILL TO
SUBMISSION #: R263791

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

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: S. C. Coyle	Signature: Rachel Jones	Signature	Signature	Signature	Signature
Printed Name: SEAN C. COYLE	Printed Name: Rachel Jones	Printed Name	Printed Name	Printed Name	Printed Name
Firm: OBG	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time: 10.10.06 / 2 00 PM	Date/Time: 10/11/06 0925	Date/Time	Date/Time	Date/Time	Date/Time

SCOC-1102-08

Cooler Receipt And Preservation Check Form

Project/Client GE Submission Number _____

Cooler received on 10/11/06 by: RCY **COURIER:** CAS UPS (FEDEX) VELOCITY CLIENT

1.	Were custody seals on outside of cooler?	(YES)	NO		
2.	Were custody papers properly filled out (ink, signed, etc.)?	(YES)	NO		
3.	Did all bottles arrive in good condition (unbroken)?	(YES)	NO		
4.	Did any VOA vials have significant air bubbles?	YES	(NO)	N/A	
5.	Were **Ice** or **Ice packs** present?	(YES)	NO		
6.	Where did the bottles originate?	(CAS/ROC)	CLIENT		
7.	Temperature of cooler(s) upon receipt:	1.9°	2.3°	____	____ ____
	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: 10/11/06 @ 0930

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: 10/11/06

Cooler Breakdown: Date: _____ by: _____

1.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?	YES	NO
2.	Did all bottle labels and tags agree with custody papers?	YES	NO
3.	Were correct containers used for the tests indicated?	YES	NO
4.	Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated		N/A

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added	Final pH
pH	Reagent						
≥12	NaOH						
≤2	HNO_3						
≤2	H_2SO_4						
Residual Chlorine (+/-)	for TCN & Phenol						

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

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2		

Other Comments:

PC Secondary Review: _____

Cha of Custody Record
General Electric Co.
100 Woodlawn Ave. Pittsfield, MA 01201

Chain of Custody #: OBG101006

Dry Weather Acute Aquatic Toxicity for OCT 2006

Project # / NPDES PERMIT	Analytical Lab: CT&E Environmental Services Inc.			Sampled By: (Print) MARK WASNEWSKY SEAN COYLE		
Sample #	Date	Time	Containers	Parameters to be Analyzed	Preservative	Remarks
A7625C	10/9 to 10/10/06	11^00 AM	1 Gallon plastic	Definitive Test(LC50 and NOAEL), Static acute toxicity, 48 hr w/ Daphnia pulex	Chilled	(See below)
A7625C	10/9 to 10/10/06	11^00 AM	1000 ml. plastic	Chloride, TSS, Total Solids, Alkalinity Specific Conductance, CL2	Chilled	
A7625C	10/9 to 10/10/06	11^00 AM	500 ml. plastic	Total Phosphorus, TOC, NH3	H2SO4	
A7626R	10/10/06	8^20 AM	1 Gallon plastic	Housatonic River water dilution water for definitive test	Chilled	
A7626R	10/10/06	8^20 AM	1000 ml. plastic	Chloride, TSS, Total Solids, Alkalinity Specific Conductance, CL2	Chilled	
A7626R	10/10/06	8^20 AM	500 ml. plastic	Total Phosphorus, TOC, NH3	H2SO4	

Relinquished By:	Date/Time	Received By:	Date/Time
Mark Wasnewsky	10-10-06		
Relinquished By:	Date/Time	Received By:	Date/Time

Additional Comments: The effluent sample being analyzed for toxicity is a flow-proportioned composite. Each outfall sample is a 24-hour composite. The sample collection times for each outfall are as follows:

001- 7^45 AM 004- 005-64T- 7^00 AM 005-64G- 7^00 AM 007- 09A- 09B- 8^00 AM

The time of compositing the final flow-proportioned sample was 1^100 A.M.

Cha of Custody Record
General Electric Co.
00 Woodlawn Ave. Pittsfield, MA 01201

Chain of Custody #: OBG101006

Dry Weather Acute Aquatic Toxicity for OCT 2006

roject # PDES PERMIT	Analytical Lab: CT&E Environmental Services Inc.			Sampled By: (Print) MARK WASNEWSKY SEAN COYLE		
Sample #	Date	Time	Containers	Parameters to be Analyzed	Preservative	Remarks
A7625C	10/9 to 10/10/06	11^00 AM	1 Gallon plastic	Definitive Test(LC50 and NOAEL), Static acute toxicity, 48 hr w/ Daphnia pulex	Chilled	(See below)
A7625C	10/9 to 10/10/06	11^00 AM	1000 ml. plastic	Chloride, TSS, Total Solids, Alkalinity Specific Conductance, CL2	Chilled	
A7625C	10/9 to 10/10/06	11^00 AM	500 ml. plastic	Total Phosphorus, TOC, NH3	H2SO4	
A7626R	10/10/06	8^20 AM	1 Gallon plastic	Housatonic River water dilution water for definitive test	Chilled	
A7626R	10/10/06	8^20 AM	1000 ml. plastic	Chloride, TSS, Total Solids, Alkalinity Specific Conductance, CL2	Chilled	
A7626R	10/10/06	8^20 AM	500 ml. plastic	Total Phosphorus, TOC, NH3	H2SO4	

elinquished By: Mark Wasnewsky	Date/Time 10-10-06	Received By:	Date/Time
elinquished By:	Date/Time	Received By:	Date/Time

dditional Comments: The effluent sample being analyzed for toxicity is a flow-proportioned composite. Each outfall sample
a 24-hour composite. The sample collection times for each outfall are as follows:

001- 7^45 AM 004- 005-64T- 7^00 AM 005-64G- 7^00 AM 007- 09A- 09B- 8^00 AM

he time of compositing the final flow-proportioned sample was 1^00 A.M.

10/10/2006

ACUTE AQUATIC TOXICITY COMPOSITE

Month: OCT
Week: 2
Fiscal Wk: 41
Weather: DRY

	Gallons/Day	Ml in Composite	Percent of Composite
001	7,040	739.45	7.04%
004	0	-	0.00%
007	0	-	0.00%
64T	7,318	768.65	7.32%
64G	81,240	8,533.10	81.27%
09A	0	-	0.00%
09B	4,368	458.80	4.37%
	99,966	10500	100.00%

The Acute Toxicity Composite was made today by SEAN E. COYLE @ 11:00AM according to the table above, and given the sample ID# A7625C.

COC# OBG101006

C. Coyle
Signed

10.10.06
Date

Aquatec Biological Sciences
Chain-of-Custody Record

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

COMPANY INFORMATION

Name: General Electric Company
Address: O'Brien & Gere
1000 East Street, Gate 64
City/State/Zip: Pittsfield, MA 01201
Telephone: (413) 494-6709
Facsimile: (413)494-7052
Contact Name: Mark Wasnewsky

COMPANY'S PROJECT INFORMATION

Project Name: GE PITTSFIELD
Outfall Composite
Project Number: 06004
Sampler Name(s): SEAN COYLE, MARK WASNEWSKY
NPDES Permit #: MA0003891

Quote #: 10/05 Client Code: GEPITTS

SHIPPING INFORMATION

Carrier:
Airbill Number:
Date Shipped: 10-10-06
Hand Delivered: ☒ Yes ☐ No

VOLUME/CONTAINER TYPE/ PRESERVATIVE	4°C	4°C	4°C H_2SO_4	4°C H_2SO_4	4°C	4°C HNO3
	Plastic	Plastic	Plastic	Glass	Glass	Plasti
	1 gal	1/2 gal	1 L	40 ml	40 mL	0.5 L

SAMPLE IDENTIFICATION	COLLECTION DATE	COLLECTION TIME	GRAB	COMPOSITE	MATRIX	ANALYSIS (detection limits, mg/L)	NUMBER OF CONTAINERS					
Outfall Composite A76255C	10.10.06	1100 AM		X	Effluent	*Daphnia pulex* 48-h Static Acute Toxicity (EPA Method 2021.0). Log in for A48DPS	1					
Outfall Composite A76255C	10.10.06	1100 AM		X	Effluent	Total Residual Chlorine					1	
Housatonic River A75126R	10.10.06	820 AM	X		Receiving	Dilution Water	1					
Housatonic River A75126R	10.10.06	820 AM	X		Receiving	Total Residual Chlorine					1	

Relinquished by: (signature)	DATE	TIME	Received by: (signature)
Mark Wasnewsky	10-10-06	1120	Steven Pawlyn
Relinquished by: (signature)	DATE	TIME	Received by: (signature)
	10/10/06	15:30	Kate S
Relinquished by: (signature)	DATE	TIME	Received by: (signature)

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

Notes to Lab: Ambient cooler temperature: 0.7°C. Dechlorinate the effluent sample if chlorine is detected.