GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

Transmitted via Overnight Courier

June 9, 2005

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

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

Re: GE-Pittsfield/Housatonic River Site
Monthly Status Report Pursuant to Consent Decree for May 2005 (GECD900)

Dear Mr. Tagliaferro and Ms. Steenstrup:

Enclosed are copies of General Electric's (GE's) monthly progress report for May 2005 activities conducted by GE at the GE-Pittsfield/Housatonic River Site. This monthly report is submitted pursuant to Paragraph 67 of the Consent Decree (CD) for this Site, which was entered by the U.S. District Court on October 27, 2000.

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

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

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

Sincerely,

John F. Novotny /ets for

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

Enclosure
V:\GE_Pittsfield_General\Reports and Presentations\Monthly Reports\2005\05-05 CD Monthly\Letter.doc

cc: Robert Cianciarulo, EPA (cover letter only)
Tim Conway, EPA (cover letter only)
James DiLorenzo, EPA
William Lovely, EPA (Items 7, 8, 9, 10, 11, 12, 16/17, 22, 23, and 25 only)
Rose Howell, EPA (cover letter only)
Holly Inglis, EPA (hard copy and CD-ROM of report)
Susan Svirsky, EPA (Items 7, 15, and 20 only)
K.C. Mitkevicius, USACE (CD-ROM of report)
Thomas Angus, MDEP (cover letter only)
Robert Bell, MDEP (cover letter only)
Anna Symington, MDEP (cover letter only)
Nancy E. Harper, MA AG
Susan Peterson, CT DEP
Field Supervisor, US FWS, DOI
Kenneth Finkelstein, Ph.D., NOAA (Items 13, 14, and 15 only)
Dale Young, MA EOEA
Mayor James Ruberto, City of Pittsfield
Thomas Hickey, Director, Pittsfield Economic Development Authority
Linda Palmieri, Weston (hard copy of report, CD-ROM of report, CD-ROM of data)
Richard Nasman, P.E., Berkshire Gas (CD-ROM of report)
Michael Carroll GE (CD-ROM of report)
Andrew Silfer, GE (cover letter only)
Rod McLaren, GE (CD-ROM of report)
James Nuss, BBL
James Bieke, Goodwin Procter
Jim Rhea, QEA (narrative only)
Teresa Bowers, Gradient
Public Information Repositories (1 hard copy, 5 copies of CD-ROM)
GE Internal Repository (1 hard copy)

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

MAY 2005

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 has prepared this monthly report, which summarizes the status of activities conducted by GE at the GE-Pittsfield/ Housatonic River Site ("Site") (as defined in the CD).

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

General Activities (GECD900)

GE Plant Area (non-groundwater)

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

Former Oxbow Areas (non-groundwater)

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

Housatonic River

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

Housatonic River Floodplain

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

Other Areas

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

Groundwater Management Areas (GMAs)

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

GENERAL ACTIVITIES
GE-PITTSFIELD/HOUSATONIC RIVER SITE
(GECD900)
MAY 2005

a. Activities Undertaken/Completed

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

- Participated in Citizens Coordinating Council (CCC) mid-course review (May 25, 2005).

- Continued discussions with Western Massachusetts Electric Company (WMECo) regarding subordination agreements for WMECo easements on GE properties that will be subject to Grants of Environmental Restrictions and Easements (EREs).*

b. Sampling/Test Results Received

- See attached tables.

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

- NPDES Discharge Monitoring Reports (DMRs) for the period of April 1 through April 30, 2005, are provided in Attachment B to this report.

- A report titled *Toxicity Evaluation of Wastewaters Discharged from the General Electric Plant; Pittsfield, Massachusetts (Samples Collected in May 2005)* was prepared for GE by SGS Environmental Services, Inc. (SGS). A copy of that report 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, CCC, and Pittsfield Economic Development Authority (PEDA) meetings, as appropriate.

- Respond to EPA's March 9, 2005 letter on Northeast Analytical's (NEA's) and SGS' Standard Operating Procedures (SOPs) for PCB analysis using Method 8082 for NPDES monitoring.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE G-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2005

GENERAL ACTIVITIES
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Berkshire Concrete Gravel Pit Backfill	BERKCONCRETE-GRAVEL-C1	4/20/05	Soil	SGS	PCB, VOC, SVOC, Metals	5/4/05
Bushika Gravel Pit Backfill Sampling	BUSHIKA-GRAVEL-C1	4/20/05	Soil	SGS	PCB, VOC, SVOC, Metals	5/4/05
Hurleys Gravel Pit Backfill Sampling	HURLEYS-GRAVEL-C1	4/20/05	Soil	SGS	PCB, VOC, SVOC, Metals	5/4/05

TABLE G-2
DATA RECEIVED DURING MAY 2005

BERKSHIRE CONCRETE GRAVEL PIT, BUSHIKA GRAVEL PIT AND HURLEYS GRAVEL PIT BACKFILL SAMPLING
GENERAL ACTIVITIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Date Collected:	BERKCONCRETE-GRAVEL-C1 04/20/05	BUSHIKA-GRAVEL-C1 04/20/05	HURLEYS-GRAVEL-C1 04/20/05
Volatile Organics			
None Detected	--	--	--
PCBs			
Aroclor-1260	ND(0.034)	ND(0.039)	0.11
Total PCBs	ND(0.034)	ND(0.039)	0.11
Semivolatile Organics			
None Detected	--	--	--
Inorganics			
Antimony	ND(6.00)	1.10 B	ND(6.00)
Arsenic	5.90	4.40	3.40
Barium	30.0	27.0	28.0
Beryllium	0.390 B	0.370 B	0.260 B
Cadmium	0.400 B	0.320 B	0.240 B
Chromium	9.20	6.20	7.60
Cobalt	10.0	7.30	6.00
Copper	15.0	10.0	10.0
Lead	5.50	9.00	2.50
Nickel	16.0	10.0	10.0
Selenium	2.80	1.00	1.80
Silver	0.180 B	0.210 B	0.120 B
Thallium	0.890 B	ND(1.20)	ND(1.00)
Tin	1.20 B	1.30 B	1.20 B
Vanadium	12.0	7.80	7.80
Zinc	46.0	38.0	23.0

Notes:
1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs, 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.
4. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

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

ITEM 1
PLANT AREA
20s, 30s, 40s COMPLEXES
(GECD120)
MAY 2005

a. Activities Undertaken/Completed

- Completed transfer of 20s and 30s Complexes to PEDA at public ceremony (May 2, 2005).
- Confirmed Notice of Transfer of responsibility, coverage, and liability for NPDES Permit Program Outfalls 001, 01A, and 004 at 20s and 30s Complexes (May 10, 2005).*
- Completed closure of select manholes and catch basins in drainage basin areas 001, 004, and YD-3 (May 25, 2005).
- Continued demolition activities at Buildings 42 and 43/43-A and completed demolition of Building 44.
- Completed concrete core characterization at 40s Complex for non-PCB Appendix IX+3 constituents, as proposed in the August 4, 2004 Building Characterization Proposal and as modified by EPA and GE at the April 25, 2005 technical meeting.
- Conducted ambient air monitoring for particulate matter and PCBs (see Table 1-1).
- Conducted sampling of soil from 31W oil/water separator, as identified in Table 1-1.
- Initiated preparation of Supplemental Building Characterization Report and Building Debris Stockpile Proposal for 40s Complex (due 30 days after receipt of approval from EPA for August 4, 2004 Building Characterization Proposal) (also see Item 1.e 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 demolition activities at Buildings 42 and 43/43-A.
- Submit Supplemental Building Characterization Report and Building Debris Stockpile Proposal (due 30 days after receipt of approval from EPA for GE's August 4, 2004 Building Characterization Proposal) (also see Item 1.e below).

ITEM 1
(cont'd)
PLANT AREA
20s, 30s, 40s COMPLEXES
(GECD120)
MAY 2005

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Issues relating to stockpiling building demolition debris from 40s Complex for use as grading/fill material within that complex are under discussion with EPA.

f. Proposed/Approved Work Plan Modifications

None

TABLE 1-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2005

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
40's Complex Building Sampling	42-1-CF-COMP-1	5/2/05	Concrete	SGS	TCLP	5/6/05
40's Complex Building Sampling	42-2-CF-1A	4/28/05	Concrete	SGS	VOC, SVOC, Metals	5/4/05
40's Complex Building Sampling	42-2-CF-2A	4/28/05	Concrete	SGS	VOC, SVOC, Metals	5/4/05
40's Complex Building Sampling	42-3-CF-2A	4/28/05	Concrete	SGS	VOC, SVOC, Metals	5/4/05
40's Complex Building Sampling	42-3-CW-1A	4/28/05	Concrete	SGS	VOC, SVOC, Metals	5/4/05
40's Complex Building Sampling	42-4-CF-1A	4/28/05	Concrete	SGS	VOC, SVOC, Metals	5/4/05
40's Complex Building Sampling	42-4-CF-2A	4/28/05	Concrete	SGS	VOC, SVOC, Metals	5/4/05
40's Complex Building Sampling	42-R-C-1A	4/29/05	Concrete	SGS	VOC, SVOC, Metals	5/5/05
40's Complex Building Sampling	43-2-CF-1A	5/2/05	Concrete	SGS	VOC, SVOC, Metals	5/6/05
40's Complex Building Sampling	43-2-CW-2A	5/2/05	Concrete	SGS	VOC, SVOC, Metals	5/6/05
40's Complex Building Sampling	43-3-CF-1A	4/29/05	Concrete	SGS	VOC, SVOC, Metals	5/5/05
40's Complex Building Sampling	43-3-CF-2A	5/2/05	Concrete	SGS	VOC, SVOC, Metals	5/6/05
40's Complex Building Sampling	43-4-CF-1A	4/29/05	Concrete	SGS	VOC, SVOC, Metals	5/5/05
40's Complex Building Sampling	43-4-CF-2A	5/2/05	Concrete	SGS	VOC, SVOC, Metals	5/6/05
40's Complex Building Sampling	43-5-CF-1A	5/2/05	Concrete	SGS	VOC, SVOC, Metals	5/6/05
40's Complex Building Sampling	43-5-CF-2A	4/29/05	Concrete	SGS	VOC, SVOC, Metals	5/5/05
40's Complex Building Sampling	43-DUP-1 (43-5-CF-2A)	4/29/05	Concrete	SGS	VOC, SVOC, Metals	5/5/05
40's Complex Building Sampling	43-DUP-2 (43-2-CF-1A)	5/2/05	Concrete	SGS	VOC, SVOC, Metals	5/6/05
40's Complex Building Sampling	43-R-C-1A	4/29/05	Concrete	SGS	VOC, SVOC, Metals	5/5/05
Plant Site Utility Sampling	31W-SEPARATOR-SOIL-1	5/9/05	Soil	SGS	PCB	5/12/05
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/2/05	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/2/05	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/2/05	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/2/05	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	5/2/05	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/3/05	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/3/05	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/3/05	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/3/05	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	5/3/05	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/4/05	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/4/05	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/4/05	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/4/05	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	5/4/05	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/5/05	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/5/05	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/5/05	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/5/05	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	5/5/05	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/9/05	Air	Berkshire Environmental	Particulate Matter	5/16/05
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/9/05	Air	Berkshire Environmental	Particulate Matter	5/16/05

TABLE 1-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2005

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/9/05	Air	Berkshire Environmental	Particulate Matter	5/16/05
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/9/05	Air	Berkshire Environmental	Particulate Matter	5/16/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	5/9/05	Air	Berkshire Environmental	Particulate Matter	5/16/05
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/10/05	Air	Berkshire Environmental	Particulate Matter	5/16/05
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/10/05	Air	Berkshire Environmental	Particulate Matter	5/16/05
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/10/05	Air	Berkshire Environmental	Particulate Matter	5/16/05
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/10/05	Air	Berkshire Environmental	Particulate Matter	5/16/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	5/10/05	Air	Berkshire Environmental	Particulate Matter	5/16/05
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/11/05	Air	Berkshire Environmental	Particulate Matter	5/16/05
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/11/05	Air	Berkshire Environmental	Particulate Matter	5/16/05
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/11/05	Air	Berkshire Environmental	Particulate Matter	5/16/05
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/11/05	Air	Berkshire Environmental	Particulate Matter	5/16/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	5/11/05	Air	Berkshire Environmental	Particulate Matter	5/16/05
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/12/05	Air	Berkshire Environmental	Particulate Matter	5/16/05
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/12/05	Air	Berkshire Environmental	Particulate Matter	5/16/05
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/12/05	Air	Berkshire Environmental	Particulate Matter	5/16/05
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/12/05	Air	Berkshire Environmental	Particulate Matter	5/16/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	5/12/05	Air	Berkshire Environmental	Particulate Matter	5/16/05
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/13/05	Air	Berkshire Environmental	Particulate Matter	5/16/05
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/13/05	Air	Berkshire Environmental	Particulate Matter	5/16/05
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/13/05	Air	Berkshire Environmental	Particulate Matter	5/16/05
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/13/05	Air	Berkshire Environmental	Particulate Matter	5/16/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	5/13/05	Air	Berkshire Environmental	Particulate Matter	5/16/05
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/16/05	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/16/05	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/16/05	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/16/05	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	5/16/05	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/17/05	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/17/05	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/17/05	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/17/05	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	5/17/05	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/18/05	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/18/05	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/18/05	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/18/05	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	5/18/05	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/19/05	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/19/05	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/19/05	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/19/05	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	5/19/05	Air	Berkshire Environmental	Particulate Matter	5/24/05

TABLE 1-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2005

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/23/05	Air	Berkshire Environmental	Particulate Matter	6/2/05
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/23/05	Air	Berkshire Environmental	Particulate Matter	6/2/05
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/23/05	Air	Berkshire Environmental	Particulate Matter	6/2/05
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/23/05	Air	Berkshire Environmental	Particulate Matter	6/2/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	5/23/05	Air	Berkshire Environmental	Particulate Matter	6/2/05
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/27/05	Air	Berkshire Environmental	Particulate Matter	6/2/05
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/27/05	Air	Berkshire Environmental	Particulate Matter	6/2/05
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/27/05	Air	Berkshire Environmental	Particulate Matter	6/2/05
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/27/05	Air	Berkshire Environmental	Particulate Matter	6/2/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	5/27/05	Air	Berkshire Environmental	Particulate Matter	6/2/05
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/31/05	Air	Berkshire Environmental	Particulate Matter	6/2/05
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/31/05	Air	Berkshire Environmental	Particulate Matter	6/2/05
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/31/05	Air	Berkshire Environmental	Particulate Matter	6/2/05
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/31/05	Air	Berkshire Environmental	Particulate Matter	6/2/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	5/31/05	Air	Berkshire Environmental	Particulate Matter	6/2/05
PCB Ambient Air Sampling	W3 - West of 40s Complex	5/23 - 5/24/05	Air	Berkshire Environmental	PCB	5/31/05
PCB Ambient Air Sampling	S2 - Woodlawn Avenue	5/23 - 5/24/05	Air	Berkshire Environmental	PCB	5/31/05
PCB Ambient Air Sampling	M2 - South of Bldg. 5	5/23 - 5/24/05	Air	Berkshire Environmental	PCB	5/31/05
PCB Ambient Air Sampling	MC3 - Near Bldg. 16 & 19	5/23 - 5/24/05	Air	Berkshire Environmental	PCB	5/31/05
PCB Ambient Air Sampling	MC3-CO-Colocated - near Bldgs. 16 & 19	5/23 - 5/24/05	Air	Berkshire Environmental	PCB	5/31/05
PCB Ambient Air Sampling	BM1-Background - Inside GE Gate 31	5/23 - 5/24/05	Air	Berkshire Environmental	PCB	5/31/05

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

TABLE 1-2
APPENDIX IX+3 DATA RECEIVED DURING MAY 2005

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

Parameter / Sample ID: / Date Collected:	42-2-CF-1A 04/28/05	42-2-CF-2A 04/28/05	42-3-CF-2A 04/28/05	42-3-CW-1A 04/28/05	42-4-CF-1A 04/28/05	42-4-CF-2A 04/28/05
Volatile Organics						
2-Hexanone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.025)
4-Methyl-2-pentanone	ND(0.010)	ND(0.010)	0.0059 J	ND(0.010)	ND(0.010)	ND(0.025)
Acetone	ND(0.020)	ND(0.020)	0.031	0.075	0.0053 J	0.66
Benzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.025)
Bromomethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.017 J
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.0011 J	ND(0.0050)	ND(0.025)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.025)
Chloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.013 J
Ethylbenzene	ND(0.0050)	0.0010 J	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.025)
Methylene Chloride	ND(0.0050)	ND(0.0050)	0.0012 J	0.0048 J	ND(0.0050)	ND(0.025)
Toluene	0.0039 J	0.0070	0.017	0.020	0.0045 J	0.034
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.0026 J	ND(0.0050)	ND(0.025)
Trichlorofluoromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.025)
Xylenes (total)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.0022 J	ND(0.025)
Semivolatile Organics						
2-Methylnaphthalene	0.059 J	ND(0.33)	ND(3.3)	ND(0.33)	0.45 J	ND(0.33)
Acenaphthene	ND(0.33)	ND(0.33)	0.95 J	ND(0.33)	2.0 J	ND(0.33)
Anthracene	ND(0.33)	ND(0.33)	3.0 J	ND(0.33)	5.6	ND(0.33)
Benzo(a)anthracene	ND(0.33)	ND(0.33)	5.8	ND(0.33)	12	ND(0.33)
Benzo(a)pyrene	ND(0.33)	ND(0.33)	4.9	ND(0.33)	12	ND(0.33)
Benzo(b)fluoranthene	ND(0.33)	ND(0.33)	5.1	ND(0.33)	12	ND(0.33)
Benzo(g,h,i)perylene	ND(0.33)	ND(0.33)	2.6 J	ND(0.33)	6.0	ND(0.33)
Benzo(k)fluoranthene	ND(0.33)	ND(0.33)	6.1	ND(0.33)	13	ND(0.33)
Benzyl Alcohol	ND(0.67)	ND(0.67)	ND(6.7)	ND(0.67)	ND(6.7)	ND(0.67)
bis(2-Ethylhexyl)phthalate	ND(0.33)	ND(0.33)	ND(1.7)	0.27 J	ND(1.7)	1.5
Butylbenzylphthalate	ND(0.33)	ND(0.33)	ND(3.3)	ND(0.33)	ND(3.3)	ND(0.33)
Chrysene	0.066 J	ND(0.33)	6.2	ND(0.33)	14	0.13 J
Dibenzofuran	0.62	0.068 J	1.6 J	ND(0.33)	2.7 J	ND(0.33)
Fluoranthene	0.97	ND(0.33)	19	ND(0.33)	36	0.30 J
Fluorene	ND(0.33)	ND(0.33)	0.48 J	ND(0.33)	2.0 J	ND(0.33)
Indeno(1,2,3-cd)pyrene	ND(0.33)	ND(0.33)	2.3 J	ND(0.33)	6.0	ND(0.33)
Isophorone	0.75	7.4 E	4.8	11 E	ND(3.3)	0.088 J
Naphthalene	ND(0.33)	ND(0.33)	ND(3.3)	ND(0.33)	ND(3.3)	ND(0.33)
Phenanthrene	3.0	0.12 J	25	0.056 J	43	0.33 J
Pyrene	0.31 J	ND(0.33)	14	ND(0.33)	29	0.097 J
Inorganics						
Antimony	2.10 B	1.90 B	2.20 B	1.70 B	1.80 B	2.10 B
Arsenic	2.30	3.30	7.80	2.30	4.90	4.50
Barium	47.0	38.0	90.0	38.0	110	140
Beryllium	0.170 B	0.210 B	0.350 B	0.280 B	0.230 B	0.290 B
Cadmium	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)	0.100 B	ND(0.500)
Chromium	13.0	21.0	14.0	8.10	7.50	9.60
Cobalt	3.80 B	4.80 B	7.20	8.70	7.80	6.90
Copper	13.0	20.0	11.0	28.0	18.0	11.0
Lead	4.00	3.30	5.20	3.40	29.0	5.10
Mercury	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.100)	0.0390 B
Nickel	9.10	12.0	12.0	11.0	9.40	11.0
Selenium	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Silver	ND(1.00)	ND(1.00)	0.220 B	ND(1.00)	ND(1.00)	ND(1.00)
Thallium	2.60	4.10	3.80	3.60	3.40	2.60
Tin	1.50 B	1.90 B	2.00 B	3.10 B	1.80 B	1.80 B
Vanadium	8.40	8.30	17.0	47.0	9.00	10.0
Zinc	29.0	23.0	35.0	28.0	42.0	37.0

TABLE 1-2
APPENDIX IX+3 DATA RECEIVED DURING MAY 2005

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

Parameter / Sample ID: / Date Collected:	42-R-C-1A 04/29/05	43-2-CF-1A 05/02/05	43-2-CW-2A 05/02/05	43-3-CF-1A 04/29/05	43-3-CF-2A 05/02/05
Volatile Organics					
2-Hexanone	ND(0.025)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	0.0034 J
4-Methyl-2-pentanone	ND(0.025)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	ND(0.025)	ND(0.020) [ND(0.020)]	ND(0.020)	ND(0.020)	0.16
Benzene	0.013 J	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Bromomethane	ND(0.025)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Disulfide	ND(0.025)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.025)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.025)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	0.017 J	0.00055 J [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene Chloride	ND(0.025)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Toluene	0.19	0.017 [0.0049 J]	0.020	ND(0.0050)	0.0097
Trichloroethene	ND(0.025)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	0.0035 J
Trichlorofluoromethane	0.060	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)
Xylenes (total)	0.072	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	0.015
Semivolatile Organics					
2-Methylnaphthalene	0.58 J	ND(0.33) [ND(0.33)]	ND(0.33)	ND(3.3)	0.40 J
Acenaphthene	ND(3.3)	ND(0.33) [ND(0.33)]	ND(0.33)	ND(3.3)	ND(3.3)
Anthracene	ND(3.3)	ND(0.33) [ND(0.33)]	ND(0.33)	ND(3.3)	ND(3.3)
Benzo(a)anthracene	ND(3.3)	ND(0.33) [ND(0.33)]	ND(0.33)	0.96 J	ND(3.3)
Benzo(a)pyrene	ND(3.3)	ND(0.33) [ND(0.33)]	ND(0.33)	0.81 J	ND(3.3)
Benzo(b)fluoranthene	ND(3.3)	ND(0.33) [ND(0.33)]	ND(0.33)	0.64 J	ND(3.3)
Benzo(g,h,i)perylene	ND(3.3)	ND(0.33) [ND(0.33)]	ND(0.33)	0.45 J	ND(3.3)
Benzo(k)fluoranthene	ND(3.3)	ND(0.33) [ND(0.33)]	ND(0.33)	1.2 J	ND(3.3)
Benzyl Alcohol	ND(6.7)	ND(0.67) [ND(0.67)]	ND(0.67)	ND(6.7)	ND(6.7)
bis(2-Ethylhexyl)phthalate	ND(1.7)	ND(0.33) [ND(0.33)]	ND(0.33)	ND(1.7)	ND(1.7)
Butylbenzylphthalate	ND(3.3)	0.28 J [0.32 J]	ND(0.33)	ND(3.3)	ND(3.3)
Chrysene	ND(3.3)	ND(0.33) [ND(0.33)]	ND(0.33)	1.1 J	0.50 J
Dibenzofuran	0.30 J	ND(0.33) [ND(0.33)]	ND(0.33)	ND(3.3)	ND(3.3)
Fluoranthene	ND(3.3)	ND(0.33) [ND(0.33)]	ND(0.33)	1.5 J	0.41 J
Fluorene	ND(3.3)	ND(0.33) [ND(0.33)]	ND(0.33)	ND(3.3)	ND(3.3)
Indeno(1,2,3-cd)pyrene	ND(3.3)	ND(0.33) [ND(0.33)]	ND(0.33)	ND(3.3)	ND(3.3)
Isophorone	ND(3.3)	3.8 [3.1]	1.5	ND(3.3)	ND(3.3)
Naphthalene	5.6	0.029 J [ND(0.33)]	ND(0.33)	ND(3.3)	0.49 J
Phenanthrene	0.74 J	ND(0.33) [ND(0.33)]	0.033 J	0.92 J	0.72 J
Pyrene	ND(3.3)	ND(0.33) [ND(0.33)]	ND(0.33)	1.5 J	0.34 J
Inorganics					
Antimony	ND(6.00)	2.50 B [2.40 B]	3.20 B	ND(6.00)	2.00 B
Arsenic	4.40	3.80 [3.70]	3.30	7.10	7.90
Barium	120	65.0 [47.0]	48.0	110	87.0
Beryllium	0.640	0.280 B [0.280 B]	0.280 B	0.420 B	0.400 B
Cadmium	0.410 B	0.0570 B [ND(0.500)]	ND(0.500)	0.440 B	ND(0.500)
Chromium	12.0	16.0 [16.0]	8.60	12.0	15.0
Cobalt	9.70	6.60 [6.30]	8.10	7.60	10.0
Copper	26.0	17.0 [17.0]	18.0	11.0	190
Lead	4.90	5.00 [5.00]	22.0	4.40	70.0
Mercury	ND(0.100)	0.670 [0.270]	ND(0.100)	0.0230 B	0.0340 B
Nickel	15.0	9.50 [10.0]	10.0	13.0	19.0
Selenium	1.40	ND(1.00) [ND(1.00)]	ND(1.00)	1.40	ND(1.00)
Silver	0.160 B	ND(1.00) [ND(1.00)]	ND(1.00)	0.270 B	0.210 B
Thallium	ND(1.00)	2.30 [3.20]	3.10	ND(1.00)	5.20
Tin	1.90 B	2.30 B [2.30 B]	2.50 B	1.80 B	6.20 B
Vanadium	16.0	14.0 [17.0]	30.0	20.0	28.0
Zinc	25.0	33.0 [35.0]	46.0	34.0	190

TABLE 1-2
APPENDIX IX+3 DATA RECEIVED DURING MAY 2005

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

Parameter / Sample ID: / Date Collected:	43-4-CF-1A 04/29/05	43-4-CF-2A 05/02/05	43-5-CF-1A 05/02/05	43-5-CF-2A 04/29/05	43-R-C-1A 04/29/05
Volatile Organics					
2-Hexanone	ND(0.025)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.025)]	ND(0.025)
4-Methyl-2-pentanone	ND(0.025)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.025)]	ND(0.025)
Acetone	ND(0.025)	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.025)]	ND(0.025)
Benzene	ND(0.025)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.025)]	ND(0.025)
Bromomethane	ND(0.025)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.025)]	ND(0.025)
Carbon Disulfide	ND(0.025)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.025)]	ND(0.025)
Chlorobenzene	ND(0.025)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.025)]	0.061
Chloromethane	ND(0.025)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.025)]	ND(0.025)
Ethylbenzene	0.014 J	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.025)]	0.012 J
Methylene Chloride	ND(0.025)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.025)]	ND(0.025)
Toluene	0.14	ND(0.0050)	0.0091	0.014 [0.023 J]	0.15
Trichloroethene	0.58	ND(0.0050)	ND(0.0050)	0.0061 [0.034]	0.078
Trichlorofluoromethane	ND(0.025)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.025)]	0.042
Xylenes (total)	0.071	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.025)]	0.11
Semivolatile Organics					
2-Methylnaphthalene	ND(3.3)	0.67 J	7.3 E	ND(3.3) [ND(3.3)]	ND(3.3)
Acenaphthene	ND(3.3)	2.2 J	0.10 J	ND(3.3) [ND(3.3)]	ND(3.3)
Anthracene	ND(3.3)	2.1 J	ND(0.33)	ND(3.3) [ND(3.3)]	ND(3.3)
Benzo(a)anthracene	ND(3.3)	4.2	ND(0.33)	ND(3.3) [ND(3.3)]	0.33 J
Benzo(a)pyrene	ND(3.3)	3.6	ND(0.33)	ND(3.3) [ND(3.3)]	ND(3.3)
Benzo(b)fluoranthene	ND(3.3)	3.5	ND(0.33)	ND(3.3) [ND(3.3)]	ND(3.3)
Benzo(g,h,i)perylene	ND(3.3)	1.9 J	ND(0.33)	ND(3.3) [ND(3.3)]	ND(3.3)
Benzo(k)fluoranthene	ND(3.3)	3.7	ND(0.33)	ND(3.3) [ND(3.3)]	ND(3.3)
Benzyl Alcohol	ND(6.7)	ND(6.7)	1.3	ND(6.7) [ND(6.7)]	ND(6.7)
bis(2-Ethylhexyl)phthalate	ND(1.7)	ND(1.7)	ND(0.33)	ND(1.7) [ND(1.7)]	ND(1.7)
Butylbenzylphthalate	ND(3.3)	ND(3.3)	0.27 J	ND(3.3) [ND(3.3)]	ND(3.3)
Chrysene	ND(3.3)	4.1	ND(0.33)	ND(3.3) [ND(3.3)]	0.52 J
Dibenzofuran	ND(3.3)	2.7 J	ND(0.33)	ND(3.3) [ND(3.3)]	ND(3.3)
Fluoranthene	ND(3.3)	13	ND(0.33)	ND(3.3) [ND(3.3)]	0.73 J
Fluorene	ND(3.3)	0.94 J	ND(0.33)	ND(3.3) [ND(3.3)]	ND(3.3)
Indeno(1,2,3-cd)pyrene	ND(3.3)	1.6 J	ND(0.33)	ND(3.3) [ND(3.3)]	ND(3.3)
Isophorone	ND(3.3)	ND(3.3)	0.82	ND(3.3) [ND(3.3)]	ND(3.3)
Naphthalene	ND(3.3)	0.41 J	1.2	ND(3.3) [ND(3.3)]	0.84 J
Phenanthrene	ND(3.3)	23	ND(0.33)	ND(3.3) [ND(3.3)]	1.2 J
Pyrene	ND(3.3)	10	ND(0.33)	ND(3.3) [ND(3.3)]	0.74 J
Inorganics					
Antimony	ND(6.00)	2.60 B	2.30 B	ND(6.00) [ND(6.00)]	ND(6.00)
Arsenic	11.0	2.90	2.90	8.20 [6.70]	4.90
Barium	99.0	28.0	100	82.0 [79.0]	52.0
Beryllium	0.440 B	0.210 B	0.290 B	0.440 B [0.430 B]	0.440 B
Cadmium	0.490 B	ND(0.500)	ND(0.500)	0.520 [0.500]	0.450 B
Chromium	12.0	7.00	12.0	12.0 [11.0]	11.0
Cobalt	7.70	6.10	5.90	12.0 [12.0]	31.0
Copper	18.0	25.0	10.0	16.0 [18.0]	59.0
Lead	11.0	7.60	4.20	4.60 [3.20]	5.00
Mercury	ND(0.100)	0.0100 B	ND(0.100)	ND(0.100) [ND(0.100)]	ND(0.100)
Nickel	13.0	11.0	8.70	13.0 [14.0]	17.0
Selenium	1.90	ND(1.00)	ND(1.00)	1.60 [1.70]	1.90
Silver	0.390 B	0.220 B	ND(1.00)	0.260 B [0.270 B]	0.300 B
Thallium	ND(1.00)	3.20	2.50	ND(1.00) [ND(1.00)]	ND(1.00)
Tin	5.30 B	2.50 B	1.60 B	2.30 B [1.60 B]	2.10 B
Vanadium	23.0	6.40	8.00	24.0 [26.0]	36.0
Zinc	44.0	64.0	68.0	36.0 [34.0]	31.0

TABLE 1-2
APPENDIX IX+3 DATA RECEIVED DURING MAY 2005

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

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., 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.
4. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles)

E - Analyte exceeded calibration range.
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 1-3
TCLP DATA RECEIVED DURING MAY 2005

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

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	42-1-CF-COMP-1 5/2/2005
Volatile Organics		
1,1-Dichloroethene	0.7	ND(0.10)
1,2-Dichloroethane	0.5	ND(0.10)
2-Butanone	200	ND(0.20)
Benzene	0.5	ND(0.10)
Carbon Tetrachloride	0.5	ND(0.10)
Chlorobenzene	100	0.088 J
Chloroform	6	ND(0.10)
Tetrachloroethene	0.7	ND(0.10)
Trichloroethene	0.5	ND(0.10)
Vinyl Chloride	0.2	ND(0.10)
Semivolatile Organics		
1,4-Dichlorobenzene	7.5	ND(0.050)
2,4,5-Trichlorophenol	400	ND(0.050)
2,4,6-Trichlorophenol	2	ND(0.050)
2,4-Dinitrotoluene	0.13	ND(0.050)
Cresol	200	ND(0.050)
Hexachlorobenzene	0.13	ND(0.050)
Hexachlorobutadiene	0.5	ND(0.050)
Hexachloroethane	3	ND(0.050)
Nitrobenzene	2	ND(0.050)
Pentachlorophenol	100	ND(0.050)
Pyridine	5	ND(0.050)
Inorganics		
Arsenic	5	ND(0.100)
Barium	100	0.440
Cadmium	1	ND(0.0200)
Chromium	5	0.00350 B
Lead	5	0.00950 B
Mercury	0.2	ND(0.00200)
Selenium	1	0.00770 B
Silver	5	ND(0.0200)

Notes:

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

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 1-4
PCB DATA RECEIVED DURING MAY 2005

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

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
31W-SEPARATOR-SOIL-1	5/9/2005	ND(0.33)	8.0	ND(0.33)	8.0

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

TABLE 1-5
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING MAY 2005

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

Date	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
05/02/05	W3 - West of 40s Complex	0.019	0.017*	10:00[1]	SSW
	MC3 - Near Bldg. 16 & 19	0.019*		9:45[1]	
	M2 - South of Bldg. 5	0.020*		9:45[1]	
	S2 - Woodlawn Avenue	0.021		9:45[1]	
05/03/05	W3 - West of 40s Complex	0.014	0.015*	10:00	WNW
	MC3 - Near Bldg. 16 & 19	0.011*		9:45	
	M2 - South of Bldg. 5	0.018*		9:45	
	S2 - Woodlawn Avenue	0.016		10:00	
05/04/05	W3 - West of 40s Complex	0.013	0.009*	11:30	WNW
	MC3 - Near Bldg. 16 & 19	0.012*		11:30	
	M2 - South of Bldg. 5	0.015*		11:30	
	S2 - Woodlawn Avenue	0.013		11:30	
05/05/05	W3 - West of 40s Complex	0.009	0.016*	12:00	Variable, WNW
	MC3 - Near Bldg. 16 & 19	0.011*		11:45	
	M2 - South of Bldg. 5	0.009*		11:45	
	S2 - Woodlawn Avenue	0.012		12:00	
05/06/05[2]	W3 - West of 40s Complex	NA	NA	NA	NA
	MC3 - Near Bldg. 16 & 19				
	M2 - South of Bldg. 5				
	S2 - Woodlawn Avenue				
05/09/05	W3 - West of 40s Complex	0.004	0.004*	11:15	Variable, NNE, NNW
	MC3 - Near Bldg. 16 & 19	0.006*		10:45	
	M2 - South of Bldg. 5	0.005*		11:00	
	S2 - Woodlawn Avenue	0.006		11:00	
05/10/05	W3 - West of 40s Complex	0.006	0.010*	10:30	Variable, SSW
	MC3 - Near Bldg. 16 & 19	0.009*		10:45	
	M2 - South of Bldg. 5	0.007*		10:45	
	S2 - Woodlawn Avenue	0.013		10:45	
05/11/05	W3 - West of 40s Complex	0.019	0.039*	11:00	WNW
	MC3 - Near Bldg. 16 & 19	0.019*		10:45	
	M2 - South of Bldg. 5	0.022*		10:30	
	S2 - Woodlawn Avenue	0.052		10:45	
05/12/05	W3 - West of 40s Complex	0.007	0.012*	10:00	NNE, NNW
	MC3 - Near Bldg. 16 & 19	0.005*		10:00	
	M2 - South of Bldg. 5	0.004*		10:00	
	S2 - Woodlawn Avenue	0.026		9:45	
05/13/05	W3 - West of 40s Complex	0.008	0.012*	11:15	WNW, NNW
	MC3 - Near Bldg. 16 & 19	0.006*		10:45	
	M2 - South of Bldg. 5	0.005*		10:45	
	S2 - Woodlawn Avenue	0.028		11:00	
05/16/05	W3 - West of 40s Complex	0.014	0.026*	11:45	WNW
	MC3 - Near Bldg. 16 & 19	0.015*		11:30	
	M2 - South of Bldg. 5	0.011*		11:30	
	S2 - Woodlawn Avenue	0.033		11:45	
05/17/05	W3 - West of 40s Complex	0.008	0.012*	10:45	WNW
	MC3 - Near Bldg. 16 & 19	0.007*		10:45	
	M2 - South of Bldg. 5	0.008*		10:45	
	S2 - Woodlawn Avenue	0.032		10:45	
05/18/05	W3 - West of 40s Complex	0.008	0.018*	11:15	WNW
	MC3 - Near Bldg. 16 & 19	0.015*		11:00	
	M2 - South of Bldg. 5	0.009*		11:00	
	S2 - Woodlawn Avenue	0.038		11:00	

TABLE 1-5
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING MAY 2005

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

Date	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
05/19/05	W3 - West of 40s Complex	0.006	0.017*	11:15	Variable, WNW
	MC3 - Near Bldg. 16 & 19	0.014*		11:00	
	M2 - South of Bldg. 5	0.006*		11:00	
	S2 - Woodlawn Avenue	0.035		11:00	
05/20/05[2]	W3 - West of 40s Complex	NA	NA	NA	NA
	MC3 - Near Bldg. 16 & 19				
	M2 - South of Bldg. 5				
	S2 - Woodlawn Avenue				
05/23/05	W3 - West of 40s Complex	0.007	0.011*	11:00	Variable, ENE
	MC3 - Near Bldg. 16 & 19	0.005*		10:45	
	M2 - South of Bldg. 5	0.002*		10:45	
	S2 - Woodlawn Avenue	0.032		10:45	
05/24/05[3]	W3 - West of 40s Complex	NA	NA	NA	NA
	MC3 - Near Bldg. 16 & 19				
	M2 - South of Bldg. 5				
	S2 - Woodlawn Avenue				
05/25/05[3]	W3 - West of 40s Complex	NA	NA	NA	NA
	MC3 - Near Bldg. 16 & 19				
	M2 - South of Bldg. 5				
	S2 - Woodlawn Avenue				
05/26/05[3]	W3 - West of 40s Complex	NA	NA	NA	NA
	MC3 - Near Bldg. 16 & 19				
	M2 - South of Bldg. 5				
	S2 - Woodlawn Avenue				
05/27/05	W3 - West of 40s Complex	0.003	0.007*	11:15	Variable, NNW
	MC3 - Near Bldg. 16 & 19	0.004*		11:00	
	M2 - South of Bldg. 5	0.004*		11:00	
	S2 - Woodlawn Avenue	0.029		11:00	
05/30/05[4]	W3 - West of 40s Complex	NA	NA	NA	NA
	MC3 - Near Bldg. 16 & 19				
	M2 - South of Bldg. 5				
	S2 - Woodlawn Avenue				
05/31/05	W3 - West of 40s Complex	0.011	0.021*	8:00[1]	Calm, NNE
	MC3 - Near Bldg. 16 & 19	0.016*		8:00[1]	
	M2 - South of Bldg. 5	0.010*		8:00[1]	
	S2 - Woodlawn Avenue	0.045		8:00[1]	
Notification Level		0.120			

Notes:

NA - Not Available

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

Background monitoring location inside GE Gate 31 on the corner of Woodlawn Avenue and Tyler Street.

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

[1] Sampling period was shortened due to precipitation/threat of precipitation.

[2] Sampling was not performed due to lack of site activity.

[3] Sampling was not performed due to precipitation/threat of precipitation.

[4] Sampling was not performed due to lack of site activity on the Memorial Day holiday.

TABLE 1-6
AMBIENT AIR PCB DATA RECEIVED DURING MAY 2005

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

Date	W3 - West of 40s Complex (µg/m3)	S2 - Woodlawn Avenue (µg/m3)	M2 - South of Bldg. 5 (µg/m3)	MC3 - Near Bldg. 16 & 19 (µg/m3)	MC3-CO Co-located - Near Bldgs. 16 & 19 (µg/m3)	BM1-Background - Inside GE Gate 31 (µg/m3)
05/23 - 05/24/05	0.0122	0.0012	0.0011	0.0005	0.0007	0.0004
Notification Level	0.05	0.05	0.05	0.05	0.05	0.05

ITEM 2
PLANT AREA
EAST STREET AREA 2-SOUTH
(GECD150)
MAY 2005

a. Activities Undertaken/Completed

- Performed sludge sampling at Building 64T, Liquid Phase Carbon Absorption (LPCA) sampling and carbon sampling at Building 64G, oil sampling from Tank J at Building 64, sampling of oil from that originated from this area and was stored in drums at Building 78, and sampling of soil from sweeping activities (see Table 2-1).

- Continued site restoration activities at 60s Complex.

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.

- Complete restoration activities at the 60s Complex.

- Initiate additional sampling activities proposed in Interim Letter Report (submitted October 22, 2004) following EPA approval.*

- Continue development of Final Completion Report for City Recreational Area.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 2-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2005

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Building 64 Tank J Oil Sampling	64-TANKJ-OIL-1	5/11/05	Oil	SGS	PCB, VOC, SVOC, Total RCRA Metals, Flashpoint	5/20/05
Building 64G Carbon Sampling	64G-CARBON-1	4/27/05	Solid	SGS	PCB, VOC, SVOC, Total Metals, TCLP, Cyanide	5/9/05
Building 64G LPCA Monitoring	E5-64G-01	5/10/05	Water	SGS	VOC	5/19/05
Building 64G LPCA Monitoring	E5-64G-02	5/10/05	Water	SGS	SVOC	5/19/05
Building 64G LPCA Monitoring	E5-64G-03	5/10/05	Water	SGS	PCB	5/19/05
Building 64G LPCA Monitoring	E5-64G-04	5/10/05	Water	SGS	Oil & Grease	5/19/05
Building 64G LPCA Monitoring	E5-64G-05	5/10/05	Water	SGS	VOC	5/19/05
Building 64G LPCA Monitoring	E5-64G-06	5/10/05	Water	SGS	SVOC	5/19/05
Building 64G LPCA Monitoring	E5-64G-07	5/10/05	Water	SGS	PCB	5/19/05
Building 64G LPCA Monitoring	E5-64G-08	5/10/05	Water	SGS	Oil & Grease	5/19/05
Building 64G LPCA Monitoring	E5-64G-09	5/10/05	Water	SGS	VOC	5/19/05
Building 64G LPCA Monitoring	E5-64G-10	5/10/05	Water	SGS	SVOC	5/19/05
Building 64G LPCA Monitoring	E5-64G-11	5/10/05	Water	SGS	PCB	5/19/05
Building 64G LPCA Monitoring	E5-64G-12	5/10/05	Water	SGS	Oil & Grease	5/19/05
Building 64G LPCA Monitoring	E5-64G-13	5/10/05	Water	SGS	VOC	5/19/05
Building 64G LPCA Monitoring	E5-64G-14	5/10/05	Water	SGS	SVOC	5/19/05
Building 64G LPCA Monitoring	E5-64G-15	5/10/05	Water	SGS	PCB	5/19/05
Building 64G LPCA Monitoring	E5-64G-16	5/10/05	Water	SGS	Oil & Grease	5/19/05
Building 64T Sludge Sampling	E5-64T-01	5/1/05	Sludge	SGS	PCB	5/11/05
Building 78 Drum Sampling	64X-COALTAR-OIL-1	4/14/05	Oil	SGS	PCB, VOC, SVOC, Flashpoint, RCRA Metals (8)	5/4/05
Pittsfield Sand & Gravel Pond Silt	PSG-PONDSILT-C1	5/2/05	Soil	SGS	PCB, VOC, SVOC, Metals	5/16/05
Plant Site Utility Sampling	64SWEEPINGS-SOIL-C-1	5/9/05	Soil	SGS	PCB	5/16/05
Plant Site Utility Sampling	64SWEEPINGS-SOIL-C-2	5/9/05	Soil	SGS	PCB	5/16/05
Plant Site Utility Sampling	64SWEEPINGS-SOIL-C-3	5/9/05	Soil	SGS	PCB	5/16/05
Plant Site Utility Sampling	64SWEEPINGS-SOIL-C-4	5/9/05	Soil	SGS	PCB	5/16/05
Plant Site Utility Sampling	64SWEEPINGS-SOIL-C-5	5/9/05	Soil	SGS	PCB	5/16/05

TABLE 2-2
DATA RECEIVED DURING MAY 2005

BUILDING 78 DRUM SAMPLING
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	64X-COALTAR-OIL-1 04/14/05
Volatile Organics	
Benzene	640
Ethylbenzene	4200
Styrene	540
Toluene	3600
Xylenes (total)	5400
PCBs	
None Detected	--
Semivolatile Organics	
2-Methylnaphthalene	340
Acenaphthene	98 J
Acenaphthylene	260
Anthracene	100 J
Benzo(a)anthracene	67 J
Benzo(a)pyrene	71 J
Benzo(b)fluoranthene	20 J
Benzo(g,h,i)perylene	18 J
Benzo(k)fluoranthene	39 J
Chrysene	60 J
Fluoranthene	160
Fluorene	140
Naphthalene	1000
Phenanthrene	460
Pyrene	210
Inorganics	
Arsenic	15.0
Barium	0.510
Chromium	0.450 B
Lead	1.80
Selenium	2.90
Silver	12.0
Conventional Parameters	
Flash Point (^{o}F)	144

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

Data Qualifiers:

Organics (PCBs, 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 2-3
DATA RECEIVED DURING MAY 2005

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

Parameter / Sample ID: / Date Collected:	64G-CARBON-1 04/27/05
Volatile Organics	
1,1,1-Trichloroethane	0.021 J
1,1-Dichloroethane	0.016 J
Benzene	0.048
Chlorobenzene	1.5
Chloroform	0.014 J
Ethylbenzene	0.18
Toluene	0.012 J
trans-1,2-Dichloroethene	0.045
Trichloroethene	0.075
Vinyl Chloride	0.023 J
Xylenes (total)	0.40
PCBs	
Aroclor-1254	1.5
Aroclor-1260	0.47
Total PCBs	1.97
Semivolatile Organics	
1,2,4,5-Tetrachlorobenzene	0.26 J
1,2,4-Trichlorobenzene	12
1,2-Dichlorobenzene	0.46 J
1,3-Dichlorobenzene	16
1,4-Dichlorobenzene	21
2-Methylnaphthalene	3.1
Acenaphthene	27
Acenaphthylene	2.0
Acetophenone	3.3
Anthracene	1.4
Dibenzofuran	0.36 J
Fluoranthene	1.2
Fluorene	3.5
Naphthalene	16
Phenanthrene	0.96
Pyrene	2.1
Inorganics	
Antimony	1.30 B
Arsenic	8.40
Barium	370
Beryllium	0.690
Cadmium	0.120 B
Chromium	7.00
Cobalt	7.10
Copper	9.50
Cyanide	19.0
Lead	1.50
Nickel	11.0
Selenium	0.950 B
Silver	1.10
Tin	1.60 B
Vanadium	16.0

Notes:
1. Sample was collected by Blasland, Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs, volatiles, semivolatiles, metals, cyanide, and TCLP
2. constituents.
3. Only detected constituents are summarized.
   Please refer to Table 2-4 for a summary of TCLP constituents.

Data Qualifiers:

Organics (PCBs, 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 2-4
TCLP DATA RECEIVED DURING MAY 2005

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

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	64G-CARBON-1 4/27/2005
Volatile Organics		
1,1-Dichloroethene	0.7	ND(0.10)
1,2-Dichloroethane	0.5	ND(0.10)
2-Butanone	200	ND(0.20)
Benzene	0.5	ND(0.10)
Carbon Tetrachloride	0.5	ND(0.10)
Chlorobenzene	100	ND(0.10)
Chloroform	6	ND(0.10)
Tetrachloroethene	0.7	ND(0.10)
Trichloroethene	0.5	ND(0.10)
Vinyl Chloride	0.2	ND(0.10)
Semivolatile Organics		
1,4-Dichlorobenzene	7.5	ND(0.050)
2,4,5-Trichlorophenol	400	ND(0.050)
2,4,6-Trichlorophenol	2	ND(0.050)
2,4-Dinitrotoluene	0.13	ND(0.050)
Cresol	200	ND(0.050)
Hexachlorobenzene	0.13	ND(0.050)
Hexachlorobutadiene	0.5	ND(0.050)
Hexachloroethane	3	ND(0.050)
Nitrobenzene	2	ND(0.050)
Pentachlorophenol	100	ND(0.050)
Pyridine	5	ND(0.050)
Inorganics		
Arsenic	5	ND(0.100)
Barium	100	5.00
Cadmium	1	ND(0.0200)
Chromium	5	ND(0.0500)
Lead	5	0.0160 B
Mercury	0.2	ND(0.00200)
Selenium	1	0.0100 B
Silver	5	0.00380 B

Notes:
1. Sample was collected by Blasland, Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs, volatiles, semivolatiles, metals, cyanide, and TCLP constituents.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
3. Please refer to Table 2-3 for a summary of volatiles, PCBs, semivolatiles, metals and cyanide.

Data Qualifiers:

Organics (PCBs, 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 2-5
PCB DATA RECEIVED DURING MAY 2005

BUILDING 64T SLUDGE SAMPLING
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
E5-64T-01	5/1/2005	ND(4.5)	60	33	93

Notes:

1. Sample was collected by General Electric Company 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 2-6
DATA RECEIVED DURING MAY 2005

PITTSFIELD SAND AND GRAVEL POND SILT SAMPLING
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Date Collected:	PSG-PONDSILT-C1 05/02/05
Volatile Organics	
None Detected	--
PCBs	
None Detected	--
Semivolatile Organics	
None Detected	--
Inorganics	
Arsenic	5.00
Barium	47.0
Beryllium	0.350 B
Chromium	12.0
Cobalt	8.90
Copper	17.0
Lead	9.00
Nickel	14.0
Thallium	4.50
Tin	1.70 B
Vanadium	13.0
Zinc	43.0

Notes:

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

Data Qualifiers:

Inorganics

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

TABLE 2-7
PCB DATA RECEIVED DURING MAY 2005

PLANT SITE UTILITY SAMPLING
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
64SWEEPINGS-SOIL-C-1	5/9/2005	ND(0.034)	1.3	0.34	1.64
64SWEEPINGS-SOIL-C-2	5/9/2005	ND(0.17)	2.2	0.61	2.81
64SWEEPINGS-SOIL-C-3	5/9/2005	ND(0.034)	1.0	0.45	1.45
64SWEEPINGS-SOIL-C-4	5/9/2005	ND(0.17)	2.4	0.70	3.1
64SWEEPINGS-SOIL-C-5	5/9/2005	ND(0.034)	0.41	0.22	0.63

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

TABLE 2-8
DATA RECEIVED DURING MAY 2005

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:	E5-64G-01 05/10/05	E5-64G-02 05/10/05	E5-64G-03 05/10/05	E5-64G-04 05/10/05	E5-64G-05 05/10/05	E5-64G-06 05/10/05	E5-64G-07 05/10/05	E5-64G-08 05/10/05
Volatile Organics								
Benzene	0.053	NA	NA	NA	ND(0.0050)	NA	NA	NA
Chlorobenzene	0.23	NA	NA	NA	ND(0.0050)	NA	NA	NA
Chloromethane	0.0021 J	NA	NA	NA	ND(0.0050)	NA	NA	NA
Ethylbenzene	0.052	NA	NA	NA	ND(0.0050)	NA	NA	NA
Toluene	0.0030 J	NA	NA	NA	ND(0.0050)	NA	NA	NA
Trichloroethene	0.0025 J	NA	NA	NA	ND(0.0050)	NA	NA	NA
Vinyl Chloride	0.0072	NA	NA	NA	0.0052	NA	NA	NA
PCBs-Unfiltered								
Aroclor-1254	NA	NA	0.00036	NA	NA	NA	ND(0.000065)	NA
Aroclor-1260	NA	NA	0.00017	NA	NA	NA	ND(0.000065)	NA
Total PCBs	NA	NA	0.00053	NA	NA	NA	ND(0.000065)	NA
Semivolatile Organics								
1,2,4-Trichlorobenzene	NA	0.0013 J	NA	NA	NA	ND(0.010)	NA	NA
1,3-Dichlorobenzene	NA	0.0017 J	NA	NA	NA	ND(0.010)	NA	NA
1,4-Dichlorobenzene	NA	0.0033 J	NA	NA	NA	ND(0.010)	NA	NA
Acenaphthene	NA	0.011	NA	NA	NA	ND(0.010)	NA	NA
Fluorene	NA	0.0021 J	NA	NA	NA	ND(0.010)	NA	NA
Naphthalene	NA	0.0064 J	NA	NA	NA	ND(0.010)	NA	NA
Conventionals								
Oil & Grease	NA	NA	NA	2.8 B	NA	NA	NA	1.5 B

TABLE 2-8
DATA RECEIVED DURING MAY 2005

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:	E5-64G-09 05/10/05	E5-64G-10 05/10/05	E5-64G-11 05/10/05	E5-64G-12 05/10/05	E5-64G-13 05/10/05	E5-64G-14 05/10/05	E5-64G-15 05/10/05	E5-64G-16 05/10/05
Volatile Organics								
Benzene	ND(0.0050)	NA	NA	NA	ND(0.0050)	NA	NA	NA
Chlorobenzene	ND(0.0050)	NA	NA	NA	ND(0.0050)	NA	NA	NA
Chloromethane	ND(0.0050)	NA	NA	NA	ND(0.0050)	NA	NA	NA
Ethylbenzene	ND(0.0050)	NA	NA	NA	ND(0.0050)	NA	NA	NA
Toluene	ND(0.0050)	NA	NA	NA	ND(0.0050)	NA	NA	NA
Trichloroethene	ND(0.0050)	NA	NA	NA	ND(0.0050)	NA	NA	NA
Vinyl Chloride	0.0042 J	NA	NA	NA	ND(0.0050)	NA	NA	NA
PCBs-Unfiltered								
Aroclor-1254	NA	NA	ND(0.000065)	NA	NA	NA	ND(0.000065)	NA
Aroclor-1260	NA	NA	ND(0.000065)	NA	NA	NA	ND(0.000065)	NA
Total PCBs	NA	NA	ND(0.000065)	NA	NA	NA	ND(0.000065)	NA
Semivolatile Organics								
1,2,4-Trichlorobenzene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
1,3-Dichlorobenzene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
1,4-Dichlorobenzene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
Acenaphthene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
Fluorene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
Naphthalene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
Conventionals								
Oil & Grease	NA	NA	NA	2.2 B	NA	NA	NA	2.2 B

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

Data Qualifiers:

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

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

TABLE 2-9
DATA RECEIVED DURING MAY 2005

BUILDING 64 TANK J OIL SAMPLING
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	64-TANKJ-OIL-1 05/11/05
Volatile Organics	
Benzene	87
Chlorobenzene	340
Ethylbenzene	360
Xylenes (total)	220
PCBs	
Aroclor-1260	3000
Total PCBs	3000
Semivolatile Organics	
1,3-Dichlorobenzene	18 J
1,4-Dichlorobenzene	40 J
2-Methylnaphthalene	300
3,3'-Dimethylbenzidine	8.2 J
Acenaphthene	480
Acenaphthylene	68 J
Anthracene	230
Benzo(a)anthracene	130
Benzo(a)pyrene	120 J
Benzo(b)fluoranthene	48 J
Benzo(g,h,i)perylene	43 J
Benzo(k)fluoranthene	72 J
Chrysene	110 J
Dibenzofuran	33 J
Fluoranthene	280
Fluorene	290
Indeno(1,2,3-cd)pyrene	29 J
Naphthalene	1800
Phenanthrene	870
Pyrene	500
Inorganics	
Arsenic	2.60
Barium	0.180
Chromium	0.600 B
Selenium	1.70 B
Silver	0.480 B
Conventional Parameters	
Flash Point (^{o}F)	>180

Notes:
1. Sample was collected by Blasland, Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of volatiles, PCBs, semivolatiles, metals,and flash point.
2. Only detected constituents are summarized.

Data Qualifiers:

Organics (PCBs, 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 3
PLANT AREA
EAST STREET AREA 2-NORTH
(GECD140)
MAY 2005

a. Activities Undertaken/Completed

- Continued equipment draining and dismantling activities at Buildings 1, 2, and 3.
- Continued asbestos removal activities at Buildings 4, 5, and 6.
- Distributed a Request For Proposal (RFP) for asbestos and equipment/liquids removal at Buildings 15, 15A, 15B, and 15W on May 18, 2005.
- Collected building material characterization samples from Buildings 1, 2, 3, 3B, 15, 15A, 15B, and 15W (May 16 to May 18, 2005).
- Conducted sampling of oil from equipment in Buildings 1, 2, 3, 4, 5, and 6, as identified in Table 3-1.
- Provided verbal notification to EPA (May 18, 2005) and followed up with written notification (May 27, 2005) regarding oil-containing breakers under the Toxic Substance Control Act Consent Agreement Order.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted revised Pre-Excavation Notification Letter for ongoing facility upgrades (May 27, 2005).
- Submitted letter transmitting results of pre-demolition sampling conducted at Building 4 (May 27, 2005).
- Submitted Pre-Excavation Notification Letter for utility excavations associated with demolition of Buildings 4, 5, and 6 (May 31, 2005).

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

- Continue asbestos removal activities at Buildings 4, 5, and 6.
- Continue equipment draining and dismantling activities at Buildings 1, 2, and 3.

ITEM 3
(cont'd)
PLANT AREA
EAST STREET AREA 2-NORTH
(GECD140)
MAY 2005

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

- Conduct pre-bid meeting for asbestos and equipment/liquids removal at Buildings 15, 15A, 15B, and 15W.
- Distribute an RFP for asbestos removal activities at Buildings 1, 2, and 3.
- Award contract for asbestos and equipment/liquids removal at Buildings 15, 15A, 15B, and 15W.
- Conduct pre-bid meeting for asbestos removal activities at Buildings 1, 2, and 3.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2005

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Building 1 Characterization Sampling	1-1-1	5/17/05	Brick	SGS	PCB	
Building 1 Characterization Sampling	1-1-2	5/17/05	Brick	SGS	PCB	
Building 1 Characterization Sampling	1-1-3	5/17/05	Brick	SGS	PCB	
Building 1 Characterization Sampling	1-1-4	5/17/05	Brick	SGS	PCB	
Building 1 Characterization Sampling	1-1-5	5/17/05	Tile/Concrete	SGS	PCB	
Building 1 Characterization Sampling	1-1-6	5/17/05	Brick	SGS	PCB	
Building 1 Characterization Sampling	1-1-7	5/17/05	Brick	SGS	PCB	
Building 1 Characterization Sampling	1-1-8	5/17/05	Brick	SGS	PCB	
Building 1 Characterization Sampling	1-1-9	5/17/05	Brick	SGS	PCB	
Building 1 Characterization Sampling	1-1-9	5/18/05	Brick	SGS	PCB	Cancelled
Building 1 Characterization Sampling	1-1-10	5/17/05	Brick	SGS	PCB	
Building 1 Characterization Sampling	1-1-11	5/17/05	Brick	SGS	PCB	
Building 1 Characterization Sampling	1-1G-TCLP-1	5/18/05	Brick/Wood	SGS	TCLP	
Building 1 Characterization Sampling	1-1-TCLP-1	5/18/05	Brick/Concrete	SGS	TCLP	
Building 1 Characterization Sampling	1-2-TCLP-1	5/17/05	Brick	SGS	TCLP	Cancelled
Building 1 Characterization Sampling	1-2-TCLP-2	5/17/05	Brick	SGS	TCLP	Cancelled
Building 2 Characterization Sampling	2-1-1	5/17/05	Brick	SGS	PCB	
Building 2 Characterization Sampling	2-1-2	5/17/05	Brick	SGS	PCB	
Building 2 Characterization Sampling	2-1-3	5/17/05	Brick	SGS	PCB	
Building 2 Characterization Sampling	2-1-4	5/17/05	Brick	SGS	PCB	
Building 2 Characterization Sampling	2-1-5	5/17/05	Concrete	SGS	PCB	
Building 2 Characterization Sampling	2-1-6	5/17/05	Concrete	SGS	PCB	
Building 2 Characterization Sampling	2-1-7	5/17/05	Concrete	SGS	PCB	
Building 2 Characterization Sampling	2-1-8	5/17/05	Concrete	SGS	PCB	
Building 2 Characterization Sampling	2-1-9	5/18/05	Brick	SGS	PCB	
Building 2 Characterization Sampling	2-1-TCLP-1	5/17/05	Brick	SGS	TCLP	Cancelled
Building 2 Characterization Sampling	2-1-TCLP-1	5/18/05	Brick/Concrete	SGS	TCLP	
Building 3 Characterization Sampling	3-1-1	5/17/05	Concrete	SGS	PCB	
Building 3 Characterization Sampling	3-1-2	5/17/05	Brick	SGS	PCB	
Building 3 Characterization Sampling	3-1-3	5/17/05	Concrete	SGS	PCB	
Building 3 Characterization Sampling	3-1-4	5/17/05	Brick	SGS	PCB	
Building 3 Characterization Sampling	3-1-5	5/17/05	Brick	SGS	PCB	
Building 3 Characterization Sampling	3-1-6	5/17/05	Brick	SGS	PCB	
Building 3 Characterization Sampling	3-1-7	5/17/05	Brick	SGS	PCB	
Building 3 Characterization Sampling	3-1-8	5/17/05	Brick	SGS	PCB	
Building 3 Characterization Sampling	3-1-9	5/18/05	Brick	SGS	PCB	
Building 3 Characterization Sampling	3-1-TCLP-1	5/18/05	Brick/Concrete	SGS	TCLP	
Building 3 Characterization Sampling	3-1-TCLP-1	5/17/05	Brick	SGS	TCLP	Cancelled
Building 3 Characterization Sampling	3B-1-1	5/16/05	Brick/Concrete	SGS	PCB	
Building 3 Characterization Sampling	3B-1-TCLP-1	5/16/05	Brick/Concrete	SGS	TCLP	
Building 4 Oil Sampling	4-1-1-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 4 Oil Sampling	4-1-2-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 4 Oil Sampling	4-1-3-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2005

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Building 4 Oil Sampling	4-1-4-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 4 Oil Sampling	4-1-5-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 4 Oil Sampling	4-1-6-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 4 Oil Sampling	4-1-7-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 4 Oil Sampling	4-1-8-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 4 Oil Sampling	4-1-9-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 4 Oil Sampling	4-1-10-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 4 Oil Sampling	4-1-11-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 4 Oil Sampling	4-1-12-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 4 Oil Sampling	4-1-13-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 4 Oil Sampling	4-1-14-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 4 Oil Sampling	4-1-15-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 4 Oil Sampling	4-1-16-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 4 Oil Sampling	4-1-17-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 4 Oil Sampling	4-1-18-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 4 Oil Sampling	4-1-19-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 4 Oil Sampling	4-1-20-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 4 Oil Sampling	4-1-21-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 4 Oil Sampling	4-1-22-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 4 Oil Sampling	4-1-23-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 4 Oil Sampling	4-1-24-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 4 Oil Sampling	4-1-25-GLYCERIN-1	5/3/05	Glycerin	SGS	PCB	5/24/05
Building 4 Oil Sampling	4-1-26-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 4 Oil Sampling	4-1-27-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 5 Oil Sampling	5-1-1-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 5 Oil Sampling	5-1-2-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 5 Oil Sampling	5-1-3-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 5 Oil Sampling	5-1-4-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 5 Oil Sampling	5-1-5-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 5 Oil Sampling	5-1-6-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 5 Oil Sampling	5-1-7-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 5 Oil Sampling	5-1-8-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 5 Oil Sampling	5-1-9-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 5 Oil Sampling	5-1-10-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 5 Oil Sampling	5-1-11-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 5 Oil Sampling	5-1-12-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 5 Oil Sampling	5-1-13-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 5 Oil Sampling	5-1-14-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 5 Oil Sampling	5-1-15-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 5 Oil Sampling	5-1-16-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 5 Oil Sampling	5-1-17-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 5 Oil Sampling	5-1-18-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 5 Oil Sampling	5-1-19-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2005

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Building 5 Oil Sampling	5-1-20-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 5 Oil Sampling	5-1-21-GLYCERIN-1	5/3/05	Glycerin	SGS	PCB	5/24/05
Building 6 Oil Sampling	6-1-1-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 6 Oil Sampling	6-1-2-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 6 Oil Sampling	6-1-3-OIL-1	5/3/05	Oil	SGS	PCB	5/24/05
Building 15 Characterization Sampling	15-1-1	5/18/05	Concrete	SGS	PCB	
Building 15 Characterization Sampling	15-1-2	5/18/05	Concrete	SGS	PCB	
Building 15 Characterization Sampling	15-1-3	5/18/05	Concrete	SGS	PCB	
Building 15 Characterization Sampling	15-1-4	5/18/05	Concrete	SGS	PCB	
Building 15 Characterization Sampling	15-1-5	5/18/05	Brick	SGS	PCB	
Building 15 Characterization Sampling	15-1-6	5/18/05	Brick	SGS	PCB	
Building 15 Characterization Sampling	15-1-7	5/18/05	Brick	SGS	PCB	
Building 15 Characterization Sampling	15-1-8	5/18/05	Brick	SGS	PCB	
Building 15 Characterization Sampling	15-1-9	5/18/05	Brick	SGS	PCB	
Building 15 Characterization Sampling	15-1-10	5/18/05	Brick	SGS	PCB	
Building 15 Characterization Sampling	15-1-11	5/18/05	Brick	SGS	PCB	
Building 15 Characterization Sampling	15-1-12	5/18/05	Brick	SGS	PCB	
Building 15 Characterization Sampling	15-1-13	5/18/05	Brick	SGS	PCB	
Building 15 Characterization Sampling	15-1-14	5/18/05	Brick	SGS	PCB	
Building 15 Characterization Sampling	15-1-15	5/18/05	Brick	SGS	PCB	
Building 15 Characterization Sampling	15-1-16	5/18/05	Brick	SGS	PCB	
Building 15 Characterization Sampling	15-1-17	5/18/05	Brick	SGS	PCB	
Building 15 Characterization Sampling	15-1-TCLP-1	5/18/05	Brick/Concrete	SGS	TCLP	
Building 15 Characterization Sampling	15-1-TCLP-2	5/18/05	Concrete/Brick	SGS	TCLP	
Buildings 1, 2 & 3 Oil Sampling	715-2-3-OIL-1	5/23/05	Oil	SGS	PCB	
Building 1 Characterization Sampling	BLDG1A-2-1	5/16/05	Wood	SGS	PCB	
Building 1 Characterization Sampling	BLDG1A-2-2	5/16/05	Brick	SGS	PCB	
Building 1 Characterization Sampling	BLDG1A-2-TCLP-1	5/16/05	Wood	SGS	TCLP	
Building 1 Characterization Sampling	BLDG1A-2-TCLP-2	5/16/05	Wood	SGS	TCLP	
Building 1 Characterization Sampling	BLDG-DUP-1 (1-1-3)	5/17/05	Brick	SGS	PCB	
Building 1 Characterization Sampling	BLDG-DUP-2 (1-1-TCLP-1)	5/18/05	Brick/Concrete	SGS	TCLP	
Building 1 Characterization Sampling	BLDG-DUP-2 (1-2-TCLP-1)	5/17/05	Brick	SGS	TCLP	
Building 2 Characterization Sampling	BLDG-DUP-3 (2-1-6)	5/17/05	Concrete	SGS	PCB	
Building 15 Characterization Sampling	BLDG-DUP-4 (15-1-3)	5/18/05	Concrete	SGS	PCB	
Building 15 Characterization Sampling	BLDG-DUP-5 (15-1-15)	5/18/05	Brick	SGS	PCB	

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

TABLE 3-2
PCB DATA RECEIVED DURING MAY 2005

BUILDINGS 4, 5 AND 6 OIL SAMPLING
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Matrix	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
4-1-1-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
4-1-2-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
4-1-3-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	0.82 J	0.82 J
4-1-4-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
4-1-5-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
4-1-6-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
4-1-7-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
4-1-8-OIL-1	Oil	5/3/2005	ND(7.9)	ND(7.9)	ND(7.9)	ND(7.9)
4-1-9-OIL-1	Oil	5/3/2005	ND(1.0)	2.9	ND(1.0)	2.9
4-1-10-OIL-1	Oil	5/3/2005	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
4-1-11-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
4-1-12-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
4-1-13-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
4-1-14-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	1.6	1.6
4-1-15-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
4-1-16-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
4-1-17-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
4-1-18-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
4-1-19-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
4-1-20-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	9.2	9.2
4-1-21-OIL-1	Oil	5/3/2005	ND(4.0)	ND(4.0)	56	56
4-1-22-OIL-1	Oil	5/3/2005	ND(39)	ND(39)	490	490
4-1-23-OIL-1	Oil	5/3/2005	ND(39)	ND(39)	140	140
4-1-24-OIL-1	Oil	5/3/2005	ND(3.9)	ND(3.9)	17	17
4-1-25-GLYCERIN-1	Glycerin	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
4-1-26-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
4-1-27-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
5-1-1-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
5-1-2-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
5-1-3-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
5-1-4-OIL-1	Oil	5/3/2005	ND(1.0)	21	12	33
5-1-5-OIL-1	Oil	5/3/2005	ND(1.0)	2.2	ND(1.0)	2.2
5-1-6-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
5-1-7-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
5-1-8-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
5-1-9-OIL-1	Oil	5/3/2005	ND(1.0)	5.4	4.3	9.7
5-1-10-OIL-1	Oil	5/3/2005	ND(1.0)	3.0	2.7	5.7
5-1-11-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
5-1-12-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
5-1-13-OIL-1	Oil	5/3/2005	ND(1.0)	0.89 J	ND(1.0)	0.89 J
5-1-14-OIL-1	Oil	5/3/2005	ND(1.0)	0.78 J	ND(1.0)	0.78 J
5-1-15-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
5-1-16-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
5-1-17-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	0.81 J	0.81 J
5-1-18-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
5-1-19-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
5-1-20-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
5-1-21-GLYCERIN-1	Glycerin	5/3/2005	ND(0.00024)	ND(0.000065)	ND(0.00024)	ND(0.00024)
6-1-1-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
6-1-2-OIL-1	Oil	5/3/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
6-1-3-OIL-1	Oil	5/3/2005	ND(1.0)	6.2	ND(1.0)	6.2

Notes:

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

Data Qualifiers:

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

ITEM 4
PLANT AREA
EAST STREET AREA 1-NORTH
(GECD130)
MAY 2005

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

a. Activities Undertaken/Completed

- Initiated preparation of draft Final Completion Report for submission to EPA.
- Submitted revised drafts of ERE and associated plans for GE-owned properties to EPA (May 31, 2005).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Finalize and submit draft Final Completion Report to EPA.
- Submit revised draft of Title Commitment for GE-owned properties to EPA.

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)
MAY 2005

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

a. Activities Undertaken/Completed

- Conducted ambient air monitoring for particulate matter and PCBs.
- Conducted sampling of concrete slab at Building 71 OPCA (see Table 5-1).
- Continued transfer of leachate from Building 71 OPCA to Building 64G for treatment. The total amount transferred in May 2005 was 89,500 gallons (see Table 5-5).
- Transferred soils and sediments from removal activities at the 1½ Mile Reach and 1½ Mile floodplain properties, demolition materials from the 40s Complex, and various facility-related materials to the OPCAs.

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 transfer of building demolition debris from ongoing demolition projects and excavated material from removal activities in the 1½ Mile Reach and 1½ Mile floodplain properties to the OPCAs.
- Initiate transfer of excavated materials from Newell Street Area I/II removal activities to the OPCAs.

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 MAY 2005

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
Building 71 OPCA Concrete Slab Sampling	BLDG71-OPCA-1	5/4/05	Concrete	SGS	PCB	5/13/05
Ambient Air Particulate Matter Sampling	North of OPCAs	5/4/04	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/4/04	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/4/04	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	5/4/04	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	West of OPCAs	5/4/04	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	Background Location	5/4/04	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	North of OPCAs	5/5/04	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/5/04	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/5/04	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	5/5/04	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	West of OPCAs	5/5/04	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	Background Location	5/5/04	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	North of OPCAs	5/6/04	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/6/04	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/6/04	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	5/6/04	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	West of OPCAs	5/6/04	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	Background Location	5/6/04	Air	Berkshire Environmental	Particulate Matter	5/10/05
Ambient Air Particulate Matter Sampling	North of OPCAs	5/18/04	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/18/04	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/18/04	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	5/18/04	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	West of OPCAs	5/18/04	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	Background Location	5/18/04	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	North of OPCAs	5/19/04	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/19/04	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/19/04	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	5/19/04	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	West of OPCAs	5/19/04	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	Background Location	5/19/04	Air	Berkshire Environmental	Particulate Matter	5/24/05
Ambient Air Particulate Matter Sampling	North of OPCAs	5/23/04	Air	Berkshire Environmental	Particulate Matter	6/2/05
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/23/04	Air	Berkshire Environmental	Particulate Matter	6/2/05
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/23/04	Air	Berkshire Environmental	Particulate Matter	6/2/05
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	5/23/04	Air	Berkshire Environmental	Particulate Matter	6/2/05
Ambient Air Particulate Matter Sampling	West of OPCAs	5/23/04	Air	Berkshire Environmental	Particulate Matter	6/2/05
Ambient Air Particulate Matter Sampling	Background Location	5/23/04	Air	Berkshire Environmental	Particulate Matter	6/2/05

TABLE 5-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2005

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
Ambient Air Particulate Matter Sampling	North of OPCAs	5/31/04	Air	Berkshire Environmental	Particulate Matter	6/2/05
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/31/04	Air	Berkshire Environmental	Particulate Matter	6/2/05
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/31/04	Air	Berkshire Environmental	Particulate Matter	6/2/05
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	5/31/04	Air	Berkshire Environmental	Particulate Matter	6/2/05
Ambient Air Particulate Matter Sampling	West of OPCAs	5/31/04	Air	Berkshire Environmental	Particulate Matter	6/2/05
Ambient Air Particulate Matter Sampling	Background Location	5/31/04	Air	Berkshire Environmental	Particulate Matter	6/2/05
PCB Ambient Air Sampling	Southwest of OPCAs	5/5 - 5/6/05	Air	Berkshire Environmental	PCB	5/11/05
PCB Ambient Air Sampling	Southwest of OPCAs Co-located	5/5 - 5/6/05	Air	Berkshire Environmental	PCB	5/11/05
PCB Ambient Air Sampling	West of OPCAs	5/5 - 5/6/05	Air	Berkshire Environmental	PCB	5/11/05
PCB Ambient Air Sampling	North of OPCAs	5/5 - 5/6/05	Air	Berkshire Environmental	PCB	5/11/05
PCB Ambient Air Sampling	Southeast of OPCAs	5/5 - 5/6/05	Air	Berkshire Environmental	PCB	5/11/05
PCB Ambient Air Sampling	Pittsfield Generating (PGE)	5/5 - 5/6/05	Air	Berkshire Environmental	PCB	5/11/05
PCB Ambient Air Sampling	Background Inside GE Gate 31	5/5 - 5/6/05	Air	Berkshire Environmental	PCB	5/11/05

TABLE 5-2
PCB DATA RECEIVED DURING MAY 2005

BUILDING 71 CONCRETE SLAB SAMPLING
HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
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
BLDG71-OPCA-1	5/4/2005	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)

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

TABLE 5-3
AMBIENT AIR PCB DATA RECEIVED DURING MAY 2005

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

Date	Southwest of OPCAs (µg/m^3)	Southwest of OPCAs Co-located (µg/m^3)	West of OPCAs (µg/m^3)	North of OPCAs (µg/m^3)	Southeast of OPCAs (µg/m^3)	Pittsfield Generating (PGE) (µg/m^3)	Background Inside GE Gate 31 (µg/m^3)
05/05 - 05/06/05	0.0009	0.0008	0.0009	0.0008	0.0009	0.0030	0.0014
Notification Level	0.05	0.05	0.05	0.05	0.05	0.05	0.05

TABLE 5-4
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING MAY 2005

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

Date	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
05/02/05[1]	North of OPCAs	NA	NA	NA	NA
	Pittsfield Generating Co.				
	Southeast of OPCAs				
	Southwest of OPCAs				
	West of OPCAs				
05/03/05[1]	North of OPCAs	NA	NA	NA	NA
	Pittsfield Generating Co.				
	Southeast of OPCAs				
	Southwest of OPCAs				
	West of OPCAs				
05/04/05	North of OPCAs	0.022	0.009*	11:30	WNW
	Pittsfield Generating Co.	0.010*		11:30	
	Southeast of OPCAs	0.019		11:30	
	Southwest of OPCAs	0.015		11:30	
	West of OPCAs	0.016		11:30	
05/05/05	North of OPCAs	0.017	0.016*	11:30	Variable, WNW
	Pittsfield Generating Co.	0.011*		11:30	
	Southeast of OPCAs	0.015		11:30	
	Southwest of OPCAs	0.010*		11:30	
	West of OPCAs	0.020		11:30	
05/06/05	North of OPCAs	0.031	0.019*	11:00	Variable, ESE
	Pittsfield Generating Co.	0.016*		9:15[2]	
	Southeast of OPCAs	0.029		11:00	
	Southwest of OPCAs	0.016*		10:45	
	West of OPCAs	0.023		11:00	
05/09/05 - 05/13/05[1]	North of OPCAs	NA	NA	NA	NA
	Pittsfield Generating Co.				
	Southeast of OPCAs				
	Southwest of OPCAs				
	West of OPCAs				
05/16/05[1]	North of OPCAs	NA	NA	NA	NA
	Pittsfield Generating Co.				
	Southeast of OPCAs				
	Southwest of OPCAs				
	West of OPCAs				
05/17/05[1]	North of OPCAs	NA	NA	NA	NA
	Pittsfield Generating Co.				
	Southeast of OPCAs				
	Southwest of OPCAs				
	West of OPCAs				
05/18/05	North of OPCAs	0.022	0.018*	11:00	WNW
	Pittsfield Generating Co.	0.007*		11:00	
	Southeast of OPCAs	0.011		11:00	
	Southwest of OPCAs	0.008*		11:00	
	West of OPCAs	0.009		11:00	
05/19/05	North of OPCAs	0.020	0.017*	11:00	Variable, WNW
	Pittsfield Generating Co.	0.007*		11:00	
	Southeast of OPCAs	0.010		11:00	
	Southwest of OPCAs	0.009*		11:00	
	West of OPCAs	0.010		11:00	

TABLE 5-4
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING MAY 2005

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

Date	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
05/20/05[1]	North of OPCAs	NA	NA	NA	NA
	Pittsfield Generating Co.				
	Southeast of OPCAs				
	Southwest of OPCAs				
	West of OPCAs				
05/23/05	North of OPCAs	0.017	0.011*	11:45	Variable, ENE
	Pittsfield Generating Co.	0.006*		11:45	
	Southeast of OPCAs	0.007		11:45	
	Southwest of OPCAs	0.009*		11:45	
	West of OPCAs	0.002		11:30	
05/24/05 - 05/27/05[1]	North of OPCAs	NA	NA	NA	NA
	Pittsfield Generating Co.				
	Southeast of OPCAs				
	Southwest of OPCAs				
	West of OPCAs				
05/30/05[3]	North of OPCAs	NA	NA	NA	NA
	Pittsfield Generating Co.				
	Southeast of OPCAs				
	Southwest of OPCAs				
	West of OPCAs				
05/31/05	North of OPCAs	0.026	0.021*	8:00[4]	Calm, NNE
	Pittsfield Generating Co.	0.009*		8:00[4]	
	Southeast of OPCAs	0.015		8:00[4]	
	Southwest of OPCAs	0.012*		8:00[4]	
	West of OPCAs	0.011		8:00[4]	
Notification Level		0.120			

Notes:

NA - Not Available

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

Background monitoring location inside GE Gate 31 on the corner of Woodlawn Avenue and Tyler Street.

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

[1] Sampling was not performed due to lack of site activity.

[2] Sampling period was shortened due to site access problem (gate locked).

[3] Sampling was not performed due to lack of site activity on the Memorial Day holiday.

[4] Sampling period was shortened due to precipitation/threat of precipitation.

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2005

Month / Year	Total Volume of Leachate Transferred (Gallons)
May 2004	164,500
June 2004	147,500
July 2004	171,000
August 2004	214,000
September 2004	230,000
October 2004	177,000
November 2004	138,000
December 2004	146,000
January 2005	136,000
February 2005	116,500
March 2005	174,500
April 2005	192,000
May 2005	89,500

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)
MAY 2005

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

a. Activities Undertaken/Completed

Continued compilation and validation of pre-design investigation analytical results.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Assess pre-design investigation soil sampling data.
- Initiate an assessment of City of Pittsfield storm drains and sewer lines extending beneath Hill 78 (due in September 2005).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 7
PLANT AREA
UNKAMET BROOK AREA
(GECD170)
MAY 2005

a. Activities Undertaken/Completed

Conducted sampling at and continued pre-demolition preparation of GE Advanced Materials Plant Site 1 buildings (see Table 7-1).

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted Pre-Excavation Notification for facility upgrades in the vicinity of Building OP-3 (May 3, 2005).

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

- Complete pre-design investigation sampling (i.e., samples associated with "unresolved issues" listed below under Item 7.e).*

- Continue pre-demolition preparation of GE Advanced Materials Plant Site 1 buildings.

- Initiate demolition of GE Advanced Materials Plant Site 1 buildings (anticipated for early to mid-June 2005).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- Refusal was encountered at 1 foot below ground surface at six locations anticipated to be borings extending to 15 feet in the vicinity of the Unkamet Brook portion flowing through Parcel L11-4-11. GE, with EPA oversight, is attempting alternative sampling procedures to attempt to advance those borings as anticipated.*

- Soil samples have not been collected from five surface locations and one boring location at Parcel L12-1-2 because the location of the newly constructed Pittsfield Xtra Mart has obstructed access and created safety concerns due to installed product lines that are in close proximity to the proposed soil sample locations. GE and EPA are discussing alternatives to collecting those samples. To facilitate those discussions, GE has agreed to prepare a letter report summarizing the analytical data currently available for Parcel L12-1-2.*

ITEM 7
(cont'd)
PLANT AREA
UNKAMET BROOK AREA
(GECD170)
MAY 2005

f. Proposed/Approved Work Plan Modifications

Received verbal approval from EPA/MDEP for the Pre-Excavation Notification letters (GE to EPA/MDEP dated April 27, 2005 and May 3, 2005) for several planned major excavations (May 16, 2005).

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2005

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
GE Advanced Materials Site 1	107-1-PC-1	5/3/05	Paint	SGS	PCB	5/6/05
GE Advanced Materials Site 1	107-1-PC-2	5/3/05	Paint	SGS	PCB	5/6/05
GE Advanced Materials Site 1	107-A2207-SOLIDS-1	4/22/05	Solid	SGS	PCB, TCLP	5/4/05
GE Advanced Materials Site 1	108-1-PC-1	5/3/05	Paint	SGS	PCB	5/6/05
GE Advanced Materials Site 1	108-1-PC-2	5/3/05	Paint	SGS	PCB	5/6/05
GE Advanced Materials Site 1	109-1-PC-1	5/3/05	Paint	SGS	PCB	5/6/05
GE Advanced Materials Site 1	109-1-PC-2	5/3/05	Paint	SGS	PCB	5/6/05
GE Advanced Materials Site 1	109-A0623-SOLIDS-1	4/22/05	Solid	SGS	PCB, TCLP	5/9/05
GE Advanced Materials Site 1	109-B1526-WATER-1	4/18/05	Water	SGS	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals	5/5/05
GE Advanced Materials Site 1	109-B1527-WATER-1	4/18/05	Water	SGS	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals	5/5/05
GE Advanced Materials Site 1	109-C1281-OIL-1	5/5/05	Oil	SGS	PCB	5/9/05
GE Advanced Materials Site 1	109-C1285-OIL-1	5/5/05	Oil	SGS	PCB	5/9/05
GE Advanced Materials Site 1	109-ELEVATOR-WATER-1	4/18/05	Water	SGS	PCB, VOC, SVOC, RCRA Metals (8)	5/4/05
GE Advanced Materials Site 1	110-1-PC-2	5/3/05	Paint	SGS	PCB	5/6/05
GE Advanced Materials Site 1	110-C1450-WATER-1	4/18/05	Water	SGS	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals	5/5/05
GE Advanced Materials Site 1	111-A2208-SOLIDS-1	4/22/05	Solid	SGS	PCB, TCLP	5/4/05
GE Advanced Materials Site 1	111-B1524-WATER-1	4/21/05	Water	SGS	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals	5/4/05
GE Advanced Materials Site 1	112-1-PC-1	5/3/05	Paint	SGS	PCB	5/6/05
GE Advanced Materials Site 1	112-1-PC-2	5/3/05	Paint	SGS	PCB	5/6/05
GE Advanced Materials Site 1	112-SUMPS-SOLIDS-COMP-1	4/22/05	Solid	SGS	PCB, TCLP	5/9/05
GE Advanced Materials Site 1	113-B1519-WATER-1	4/21/05	Water	SGS	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals	5/4/05
GE Advanced Materials Site 1	113-B1525-WATER-1	4/18/05	Water	SGS	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals	5/5/05
GE Advanced Materials Site 1	113-B1597-WATER-1	4/21/05	Water	SGS	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals	5/4/05
GE Advanced Materials Site 1	113-B1598-WATER-1	4/21/05	Water	SGS	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals	5/4/05
GE Advanced Materials Site 1	114-1-PC-2	5/3/05	Paint	SGS	PCB	5/6/05
GE Advanced Materials Site 1	114-B1530-WATER-1	4/21/05	Water	SGS	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals	5/4/05
GE Advanced Materials Site 1	GEAM-DUP-1B (109-1-PC-1)	5/3/05	Paint	SGS	PCB	5/6/05
GE Advanced Materials Site 1	GEAM-DUP-1S (109-1-PC-2)	5/3/05	Paint	SGS	PCB	5/6/05

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

TABLE 7-2
PCB DATA RECEIVED DURING MAY 2005

GE ADVANCED MATERIALS SITE 1
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Matrix	Date Collected	Aroclor-1016, -1221, -1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Building 107								
107-1-PC-1	Paint	5/3/2005	ND(2.0)	ND(2.0)	ND(2.0)	3.2	7.2	10.4
107-1-PC-2	Paint	5/3/2005	ND(10)	41	ND(10)	ND(10)	ND(10)	41
107-A2207-SOLIDS-1	Solid	4/22/2005	ND(0.067)	ND(0.067)	0.14	0.36	0.75	1.25
Building 108								
108-1-PC-1	Paint	5/3/2005	ND(0.10)	ND(0.10)	ND(0.10)	1.1	2.2	3.3
108-1-PC-2	Paint	5/3/2005	ND(0.50)	ND(0.50)	ND(0.50)	6.6	5.1	11.7
Building 109								
109-1-PC-1	Paint	5/3/2005	ND(0.50) [ND(0.50)]	ND(0.50) [ND(0.50)]	ND(0.50) [ND(0.50)]	9.5 [6.4]	4.8 [4.3]	14.3 [10.7]
109-1-PC-2	Paint	5/3/2005	ND(0.50) [ND(0.50)]	ND(0.50) [ND(0.50)]	ND(0.50) [ND(0.50)]	6.0 [5.1]	4.5 [2.4]	10.5 [7.5]
109-A0623-SOLIDS-1	Solid	4/22/2005	ND(0.061)	ND(0.061)	0.10	0.31	0.36	0.77
109-B1526-WATER-1	Water	4/18/2005	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
109-B1527-WATER-1	Water	4/18/2005	ND(0.000065)	ND(0.000065)	ND(0.000065)	0.000045 J	ND(0.000065)	0.000045 J
109-C1281-OIL-1	Oil	5/5/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
109-C1285-OIL-1	Oil	5/5/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
109-ELEVATOR-WATER-1	Water	4/18/2005	ND(0.000065)	ND(0.000065)	ND(0.000065)	0.000053 J	ND(0.000065)	0.000053 J
Building 110								
110-1-PC-2	Paint	5/3/2005	ND(0.17)	ND(0.17)	ND(0.17)	0.56	0.96	1.52
110-C1450-WATER-1	Water	4/18/2005	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Building 111								
111-A2208-SOLIDS-1	Solid	4/22/2005	ND(0.086)	ND(0.086)	1.5	1.0	1.4	3.9
111-B1524-WATER-1	Water	4/21/2005	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Building 112								
112-1-PC-1	Paint	5/3/2005	ND(2.0)	17	ND(2.0)	ND(2.0)	ND(2.0)	17
112-1-PC-2	Paint	5/3/2005	ND(10)	93	ND(10)	ND(10)	ND(10)	93
112-SUMPS-SOLIDS-COMP-1	Solid	4/22/2005	ND(0.047)	ND(0.047)	1.1	0.34	0.39	1.83
Building 113								
113-B1519-WATER-1	Water	4/21/2005	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
113-B1525-WATER-1	Water	4/18/2005	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
113-B1597-WATER-1	Water	4/21/2005	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
113-B1598-WATER-1	Water	4/21/2005	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Building 114								
114-1-PC-2	Paint	5/3/2005	ND(0.40)	ND(0.40)	ND(0.40)	1.7	2.3	4.0
114-B1530-WATER-1	Water	4/21/2005	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)

Notes:
1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of PCBs, volatiles, semivolatiles, RCRA metals, flash point, and TCLP constituents.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
3. Field duplicate sample results are presented in brackets.
4. Please refer to Table 7-3 for a summary of volatiles, semivolatiles, RCRA metals, and flash point and refer to Table 7-4 for a summary of TCLP constituents.
5. Solid matrix samples are presented in dry weight.

Data Qualifiers:

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

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2005

GE ADVANCED MATERIALS SITE 1
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	109-B1526-WATER-1 04/18/05	109-B1527-WATER-1 04/18/05	109-ELEVATOR-WATER-1 04/18/05	110-C1450-WATER-1 04/18/05	111-B1524-WATER-1 04/21/05
Volatile Organics					
Carbon Disulfide	ND(0.010)	0.028	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.0050)	0.00066 J
Methylene Chloride	0.0078 J	0.0054 J	ND(0.0050)	ND(0.0050)	ND(0.0050)
Toluene	0.32	0.41	ND(0.0050)	ND(0.0050)	ND(0.0050)
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.010)	0.0016 J	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4,5-Trichlorophenol	0.031	0.029	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylphenol	0.0054 J	0.0056 J	ND(0.010)	ND(0.010)	ND(0.010)
3&4-Methylphenol	0.0056 J	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetophenone	0.083	0.17	ND(0.010)	ND(0.010)	ND(0.010)
Pentachlorophenol	0.0015 J	0.0020 J	ND(0.050)	ND(0.050)	ND(0.050)
Phenol	0.050	0.13	ND(0.010)	ND(0.010)	ND(0.010)
Inorganics-Unfiltered					
Arsenic	0.140	0.0990	ND(0.00500)	ND(0.00500)	ND(0.00500)
Barium	0.00660	0.0370	0.00340	0.0360	0.000900 B
Cadmium	0.00130	0.00500	0.00100	0.00240	ND(0.00100)
Chromium	0.0270	0.0520	0.00140 B	ND(0.00500)	0.00110 B
Lead	0.0340	0.190	0.0150	0.00800	0.00370 B
Mercury	0.00110	0.00160	0.000290	0.000130 B	ND(0.000200)
Selenium	0.00480 B	0.00540	ND(0.00500)	0.00540	ND(0.00500)
Conventionals					
Flash Point (^{o}F)	>180	>180	NA	>180	>180

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MAY 2005

GE ADVANCED MATERIALS SITE 1
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	113-B1519-WATER-1 04/21/05	113-B1525-WATER-1 04/18/05	113-B1597-WATER-1 04/21/05	113-B1598-WATER-1 04/21/05	114-B1530-WATER-1 04/21/05
Volatile Organics					
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.00067 J	ND(0.0050)
Methylene Chloride	0.0012 J	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Toluene	0.0061	0.00097 J	ND(0.0050)	ND(0.0050)	ND(0.0050)
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	0.080
2,4,5-Trichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylphenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
3&4-Methylphenol	0.0027 J	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetophenone	0.0025 J	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachlorophenol	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Phenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Inorganics-Unfiltered					
Arsenic	0.0240	ND(0.00500)	ND(0.00500)	ND(0.00500)	0.0100
Barium	0.0240	0.0310	0.0160	0.00780	0.500
Cadmium	0.00130	ND(0.00100)	ND(0.00100)	ND(0.00100)	0.0180
Chromium	0.00680	0.0510	0.0340	0.0140	0.0650
Lead	0.0380	0.0140	0.0110	0.00750	0.450
Mercury	0.000230	0.000450	0.000220	ND(0.000200)	0.0220
Selenium	ND(0.00500)	0.00690	ND(0.00500)	ND(0.00500)	0.0220
Conventionals					
Flash Point (^{o}F)	>180	>180	>180	>180	>180

Notes:
1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of volatiles, PCBs, semivolatiles, metals, and flash point.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
4. Only those constituents detected in one or more samples are summarized.
5. Please refer to Table 7-2 for a summary of PCBs.

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 7-4
TCLP DATA RECEIVED DURING MAY 2005

GE ADVANCED MATERIALS SITE 1
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	107-A2207-SOLIDS-1 4/22/2005	109-A0623-SOLIDS-1 4/22/2005	111-A2208-SOLIDS-1 4/22/2005	112-SUMPS-SOLIDS-COMP-1 4/22/2005
Volatile Organics					
1,1-Dichloroethene	0.7	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
1,2-Dichloroethane	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
2-Butanone	200	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
Benzene	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Carbon Tetrachloride	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Chlorobenzene	100	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Chloroform	6	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Tetrachloroethene	0.7	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Trichloroethene	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Vinyl Chloride	0.2	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Semivolatile Organics					
1,4-Dichlorobenzene	7.5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
2,4,5-Trichlorophenol	400	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
2,4,6-Trichlorophenol	2	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
2,4-Dinitrotoluene	0.13	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Cresol	200	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Hexachlorobenzene	0.13	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Hexachlorobutadiene	0.5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Hexachloroethane	3	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Nitrobenzene	2	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Pentachlorophenol	100	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Pyridine	5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Inorganics					
Arsenic	5	ND(0.100)	ND(0.100)	0.0980 B	ND(0.100)
Barium	100	0.300	0.400	0.660	0.490
Cadmium	1	0.0480	0.300	ND(0.0200)	0.190
Chromium	5	ND(0.0500)	0.00670 B	0.00650 B	0.00370 B
Lead	5	0.0120 B	0.550	0.0440 B	0.0950 B
Mercury	0.2	ND(0.00200)	ND(0.00200)	ND(0.00200)	ND(0.00200)
Selenium	1	ND(0.200)	0.00570 B	ND(0.200)	ND(0.200)
Silver	5	0.00120 B	ND(0.0200)	ND(0.0200)	ND(0.0200)

Notes:
1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 7-2 for a summary of PCBs.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

Data Qualifiers:

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

ITEM 8
FORMER OXBOW AREAS A & C
(GECD410)
MAY 2005

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

a. Activities Undertaken/Completed

Initiated preparation of Final RD/RA Work Plan.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Complete and submit Final RD/RA Work Plan (due July 6, 2005).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 9
LYMAN STREET AREA
(GECD430)
MAY 2005

*** 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 Conceptual RD/RA Work Plan to EPA (May 9, 2005).

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

Upon EPA approval of Addendum to Conceptual RD/RA Work Plan, begin work on Final RD/RA Work Plan.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 10
NEWELL STREET AREA I
(GECD440)
MAY 2005

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

a. Activities Undertaken/Completed

Conducted sampling of Maxymillian topsoil stockpile for use as backfill.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Record ERE for Parcel J9-23-24 upon receipt of EPA approval and MDEP acceptance of ERE.
- Initiate remediation of Parcel J9-23-13 and Parcels J9-23-19, -20, and -21.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 10-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2005

NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Maxymillian Topsoil Pile Sampling	TOPSOIL-050505-1	5/5/05	Soil	SGS	PCB, VOC, SVOC, Metals	5/19/05

TABLE 10-2
DATA RECEIVED DURING MAY 2005

MAXYMILLIAN TOPSOIL PILE SAMPLING
NEWELL STREET AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TOPSOIL-050505-1 05/05/05
Volatile Organics	
None Detected	--
PCBs	
Aroclor-1260	0.024 J
Total PCBs	0.024 J
Semivolatile Organics	
Benzo(a)anthracene	0.076 J
Benzo(a)pyrene	0.089 J
Benzo(b)fluoranthene	0.059 J
Benzo(g,h,i)perylene	0.052 J
Benzo(k)fluoranthene	0.10 J
Chrysene	0.079 J
Fluoranthene	0.14 J
Phenanthrene	0.073 J
Pyrene	0.13 J
Inorganics	
Arsenic	5.80
Barium	51.0
Beryllium	0.450 B
Chromium	13.0
Cobalt	8.60
Copper	15.0
Lead	24.0
Mercury	0.0310 B
Nickel	13.0
Selenium	0.540 B
Thallium	3.30
Tin	2.60 B
Vanadium	18.0
Zinc	79.0

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

Data Qualifiers:

Organics (PCBs, 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 11
NEWELL STREET AREA II
(GECD450)
MAY 2005

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

a. Activities Undertaken/Completed

Selected Remediation Contractor (May 26, 2005).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted Addendum to the March 2005 Final RD/RA Work Plan (May 25, 2005).

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

Submit Supplemental Information Package with additional details on remediation plans.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

Received EPA conditional approval of March 2005 Final RD/RA Work Plan (May 12, 2005).

ITEM 12
FORMER OXBOW AREAS J & K
(GECD420)
MAY 2005

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Following EPA approval of Conceptual RD/RA Work Plan (submitted March 9, 2005), begin final remediation design activities.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 13
HOUSATONIC RIVER AREA
UPPER ½ MILE REACH
(GECD800)
MAY 2005

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

a. Activities Undertaken/Completed

Performed 2005 restored bank erosion and spring 2005 restored bank vegetation inspections (May 23, 2005).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted Response to Comments from Natural Resource Trustees regarding GE's 2004 Annual Monitoring Report (May 2, 2005).

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

- Submit trip report detailing results of 2005 restored bank erosion and spring 2005 restored bank vegetation inspections.

- Conduct seepage meter monitoring when water levels allow.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- Seepage meter monitoring has not occurred due to increased water levels.

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

f. Proposed/Approved Work Plan Modifications

None

ITEM 14
HOUSATONIC RIVER AREA
1½-MILE REACH
(GECD820)
MAY 2005

(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 May 31, 2005, BBL (on GE's behalf) performed a round of water column monitoring at nine locations along the Housatonic River between Coltsville, MA and Great Barrington, MA. Two of these locations are situated in the 1½-Mile Reach: Lyman Street Bridge (Location 4) and Dawes Avenue Bridge (Location 6). The Dawes Avenue Bridge location was sampled instead of the Pomeroy Avenue Bridge (Location 6A) due to remediation construction activities at Pomeroy Avenue. A composite grab sample was collected at each location and submitted to Northeast Analytical for analysis of PCBs (total), TSS, POC, and chlorophyll-a (see 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 MAY 2005

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Monthly Water Column Sampling	Location-4	4/28/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	5/13/05
Monthly Water Column Sampling	Location-4	5/31/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-6	5/31/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-6A	4/28/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	5/13/05

TABLE 14-2
SAMPLE DATA RECEIVED DURING MAY 2005

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	4/28/05	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.178	1.80	0.00090
LOCATION-6A	Pomeroy Ave. Bridge	4/28/05	ND(0.0000220)	0.0000270 PE	ND(0.0000220)	0.0000230 AG	0.0000500	0.273	1.60	0.0010

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. 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.

Data Qualifiers:

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.

ITEM 15
HOUSATONIC RIVER AREA
REST OF THE RIVER
(GECD850)
MAY 2005

a. Activities Undertaken/Completed

- Attended Peer Review Meeting on EPA's Model Calibration Report (May 4-5, 2005).*

- On May 25, 2005, BBL (on GE's behalf) collected 38 soil samples from 19 locations on Parcel 7-49A located in Lee, MA adjacent to the Housatonic River in the river reach between Woods Pond Dam and Rising Pond (Reach 7). The sampling was done as part of GE's additional characterization sampling of several Reach 7 floodplain properties, as outlined in GE's March 1, 2005 letter to EPA. Samples were collected at depth increments of 0 to 1 foot and 1 to 2 feet, and submitted to SGS Environmental Services for analysis of PCBs (see Table 15-1).

- On May 31, 2005, BBL (on GE's behalf) performed a round of water column monitoring at nine locations along the Housatonic River between Coltsville and Great Barrington, MA. Two locations are situated in the 1½-Mile Reach of the Housatonic River and were discussed in Item 14. Of the remaining seven locations, two are located upstream of the 1½-Mile Reach: Hubbard Avenue Bridge (Location 1) and Newell Street Bridge (Location 2). The five remaining locations are situated in the Rest of the River: Holmes Road Bridge (Location 7); New Lenox Road Bridge (Location 9); Woods Pond Headwaters (Location 10); Schweitzer Bridge (Location 12); and Division Street Bridge (Location 13). Sampling activities were performed at all these locations on May 31, 2005 from downstream to upstream. Composite grab samples were collected at each location sampled and submitted to Northeast Analytical for analysis of PCBs (total), TSS, POC, and chlorophyll-a (see Table 15-1).

b. Sampling/Test Results

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted April 2005 Quarterly Inspection Report for Woods Pond Dam (May 16, 2005).*

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

- Continue Housatonic River monthly water column monitoring.

- Prepare plan for work on gate stem repairs at Rising Pond Dam, as identified in the Structural Integrity Report submitted in July 2003 for that dam, and based on the October 2003 gate stem inspection.*

ITEM 15
(cont'd)
HOUSATONIC RIVER AREA
REST OF THE RIVER
(GECD850)
MAY 2005

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

- Upon receipt of notification from EPA that EPA's Human Health and Environmental Risk Assessments have been completed, begin work on development of Interim Media Protection Goals (IMPGs) Proposal.*

- GE is working with EPA to collect cross-section (geometry) data for approximately 140 transects located on the Housatonic River between Woods Pond Dam and Rising Pond Dam. These data will be used to expand EPA's current model of the Housatonic River from Woods Pond Dam downstream to Rising Pond Dam.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Floodplain soil sampling for the remaining Reach 7 floodplain properties has been suspended as a result of property owners not granting access permission.

f. Proposed/Approved Work Plan Modifications

None

TABLE 15-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2005

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Additional Reach 7 Floodplain Soil Sampling	DUP-052505-1 (FP01-001-003)	5/25/05	0-1	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	DUP-052505-2 (FP01-005-002)	5/25/05	0-1	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	DUP-FPPROR-1 (FP02-004-001)	4/27/05	0-1	Soil	SGS	PCB	5/11/05
Additional Reach 7 Floodplain Soil Sampling	FP01-001-001	5/25/05	0-1	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-001-001	5/25/05	1-2	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-001-002	5/25/05	0-1	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-001-002	5/25/05	1-2	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-001-003	5/25/05	0-1	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-001-003	5/25/05	1-2	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-002-001	5/25/05	0-1	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-002-001	5/25/05	1-2	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-002-002	5/25/05	0-1	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-002-002	5/25/05	1-2	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-002-003	5/25/05	0-1	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-002-003	5/25/05	1-2	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-003-001	5/25/05	0-1	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-003-001	5/25/05	1-2	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-003-002	5/25/05	0-1	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-003-002	5/25/05	1-2	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-004-001	5/25/05	0-1	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-004-001	5/25/05	1-2	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-004-002	5/25/05	0-1	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-004-002	5/25/05	1-2	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-005-001	5/25/05	0-1	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-005-001	5/25/05	1-2	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-005-002	5/25/05	0-1	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-005-002	5/25/05	1-2	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-005-003	5/25/05	0-1	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-005-003	5/25/05	1-2	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-006-001	5/25/05	0-1	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-006-001	5/25/05	1-2	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-006-002	5/25/05	0-1	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-006-002	5/25/05	1-2	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-006-003	5/25/05	0-1	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-006-003	5/25/05	1-2	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-007-001	5/25/05	0-1	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-007-001	5/25/05	1-2	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-007-002	5/25/05	0-1	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-007-002	5/25/05	1-2	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-007-003	5/25/05	0-1	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP01-007-003	5/25/05	1-2	Soil	SGS	PCB	
Additional Reach 7 Floodplain Soil Sampling	FP02-004-001	4/27/05	0-1	Soil	SGS	PCB	5/11/05
Additional Reach 7 Floodplain Soil Sampling	FP02-004-001	4/27/05	1-2	Soil	SGS	PCB	5/11/05
Additional Reach 7 Floodplain Soil Sampling	FP02-005-001	4/27/05	0-1	Soil	SGS	PCB	5/11/05

TABLE 15-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2005

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Additional Reach 7 Floodplain Soil Sampling	FP02-005-001	4/27/05	1-2	Soil	SGS	PCB	5/11/05
Additional Reach 7 Floodplain Soil Sampling	FP03-001-001	4/29/05	0-1	Soil	SGS	PCB	5/11/05
Additional Reach 7 Floodplain Soil Sampling	FP03-001-001	4/29/05	1-2	Soil	SGS	PCB	5/11/05
Additional Reach 7 Floodplain Soil Sampling	FP03-001-002	4/29/05	0-1	Soil	SGS	PCB	5/11/05
Additional Reach 7 Floodplain Soil Sampling	FP03-001-002	4/29/05	1-2	Soil	SGS	PCB	5/11/05
Additional Reach 7 Floodplain Soil Sampling	FP03-001-003	4/29/05	0-1	Soil	SGS	PCB	5/11/05
Additional Reach 7 Floodplain Soil Sampling	FP03-001-003	4/29/05	1-2	Soil	SGS	PCB	5/11/05
Additional Reach 7 Floodplain Soil Sampling	FP03-002-001	4/29/05	0-1	Soil	SGS	PCB	5/11/05
Additional Reach 7 Floodplain Soil Sampling	FP03-002-001	4/29/05	1-2	Soil	SGS	PCB	5/11/05
Additional Reach 7 Floodplain Soil Sampling	FP03-002-002	4/29/05	0-1	Soil	SGS	PCB	5/11/05
Additional Reach 7 Floodplain Soil Sampling	FP03-002-002	4/29/05	1-2	Soil	SGS	PCB	5/11/05
Additional Reach 7 Floodplain Soil Sampling	FP03-002-003	4/29/05	0-1	Soil	SGS	PCB	5/11/05
Additional Reach 7 Floodplain Soil Sampling	FP03-002-003	4/29/05	1-2	Soil	SGS	PCB	5/11/05
Additional Reach 7 Floodplain Soil Sampling	FP03-003-001	4/29/05	0-1	Soil	SGS	PCB	5/11/05
Additional Reach 7 Floodplain Soil Sampling	FP03-003-001	4/29/05	1-2	Soil	SGS	PCB	5/11/05
Additional Reach 7 Floodplain Soil Sampling	FP03-003-002	4/29/05	0-1	Soil	SGS	PCB	5/11/05
Additional Reach 7 Floodplain Soil Sampling	FP03-003-002	4/29/05	1-2	Soil	SGS	PCB	5/11/05
Additional Reach 7 Floodplain Soil Sampling	FP03-003-003	4/29/05	0-1	Soil	SGS	PCB	5/11/05
Additional Reach 7 Floodplain Soil Sampling	FP03-003-003	4/29/05	1-2	Soil	SGS	PCB	5/11/05
Additional Reach 7 Floodplain Soil Sampling	FP03-DUP-1 (FP03-001-003)	4/29/05	0-1	Soil	SGS	PCB	5/11/05
Monthly Water Column Sampling	HR-D1 (Location-12)	4/28/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyl-A	5/13/05
Monthly Water Column Sampling	HR-D1 (Location-12)	5/31/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-1	4/28/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyl-A	5/13/05
Monthly Water Column Sampling	Location-1	5/31/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-10	5/31/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-10	4/28/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyl-A	5/13/05
Monthly Water Column Sampling	Location-12	5/31/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-12	4/28/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyl-A	5/13/05
Monthly Water Column Sampling	Location-13	4/28/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyl-A	5/13/05
Monthly Water Column Sampling	Location-13	5/31/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-2	4/28/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyl-A	5/13/05
Monthly Water Column Sampling	Location-2	5/31/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-7	4/28/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyl-A	5/13/05
Monthly Water Column Sampling	Location-7	5/31/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-9	5/31/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-9	4/28/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyl-A	5/13/05
2004 Biennial Housatonic CT Fish Monitoring	2558/F-2317	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2563/F-2322	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2564/F-2323	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2565/F-2324	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2604/F-1365	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2610/F-1368	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2612/F-1370	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2613/F-1371	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05

TABLE 15-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2005

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
2004 Biennial Housatonic CT Fish Monitoring	2617/F-1375	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2655/F-1377	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2656/F-1378	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2657/F-1379	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2934/F-1385	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2936/F-1387	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2937/F-1388	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3140/F-1398	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3143/F-1401	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3145/F-1403	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3147/F-1405	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3157/F-1415	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3317/F-1445	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3318/F-1446	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3319/F-1447	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3332/F-1460	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3334/F-1462	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3335/F-1464	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2588/F-1354	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2589/F-1355	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2602/F-1363	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2658/F-1379	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2659/F-1380	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2660/F-1381	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3286/F-1434	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3287/F-1435	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3288/F-1436	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3289/F-1437	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3328/F-1456	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3329/F-1457	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3330/F-1458	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3336/F-1465	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3337/F-1466	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2555/F-2314	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2556/F-2315	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2557/F-2316	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2559/F-2318	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2560/F-2319	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2561/F-2320	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2562/F-2321	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2574/F-1342	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2587/F-1353	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2590/F-1356	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2661/F-1382	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05

TABLE 15-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2005

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
2004 Biennial Housatonic CT Fish Monitoring	2662/F-1383	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2663/F-1384	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3141/F-1399	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3142/F-1400	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3146/F-1404	Sep-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3163/F-1421	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3178/F-1432	Sep-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3179/F-1433	Sep-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3290/F-1438	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3291/F-1439	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3292/F-1440	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3293/F-1441	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3294/F-1442	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3295/F-1443	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3296/F-1444	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3320/F-1448	Sep-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3323/F-1451	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3324/F-1452	Sep-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3325/F-1453	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2591/F-1357	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2603/F-1364	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2608/F-1366	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2609/F-1367	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2611/F-1369	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2614/F-1372	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2935/F-1386	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2938/F-1389	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2939/F-1390	Sep/Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3136/F-1394	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3137/F-1395	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3138/F-1396	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3139/F-1397	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3144/F-1402	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3155/F-1413	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3162/F-1420	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3321/F-1449	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3322/F-1450	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3326/F-1454	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3327/F-1455	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3331/F-1459	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3333/F-1461	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2566/F-2325	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2567/F-2326	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2568/F-1336	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05

TABLE 15-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2005

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
2004 Biennial Housatonic CT Fish Monitoring	2569/F-1337	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2570/F-1338	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2571/F-1339	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2572/F-1340	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2573/F-1341	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2578/F-1347	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2579/F-1348	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2580/F1349	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2581/F-1350	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2582/F-1351	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2583/F-1352	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2597/F-1358	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2598/F-1359	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2599/F-1360	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2600/F-1361	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2601/F-1362	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2615/F-1373	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	2616/F-1374	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3149/F-1407	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3150/F-1408	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3151/F-1409	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3152/F-1410	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3154/F-1412	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3158/F-1416	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3159/F-1417	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3160/F-1418	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3161/F-1419	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3164/F-1422	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3165/F-1423	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3166/F-1424	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3167/F-1425	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3168/F-1426	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3169/F-1427	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3173/F-1428	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3174/F-1429	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3176/F-1430	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3177/F-1431	Oct-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3153/F-1411	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05
2004 Biennial Housatonic CT Fish Monitoring	3156/F-1414	Aug-04	NA	Biota	Academy of Natural Sciences	PCB	5/31/05

TABLE 15-2
SAMPLE DATA RECEIVED DURING MAY 2005

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	4/28/05	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.177	1.30	0.00070
LOCATION-2	Newell Street Bridge	4/28/05	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.381	2.00	0.0011
LOCATION-7	Holmes Road Bridge	4/28/05	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.293	3.10	0.0018
LOCATION-9	New Lenox Road Bridge	4/28/05	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.0000230 AG	0.0000230	0.305	3.90	0.0020
LOCATION-10	Headwaters of Woods Pond	4/28/05	ND(0.0000220)	0.0000250 PE	0.0000240 AF	0.0000270 AG	0.0000760	0.367	2.10	0.0016
LOCATION-12	Schweitzer Bridge	4/28/05 4/28/05	ND(0.0000220) [ND(0.0000220)]	ND(0.0000220) [0.0000260 PE]	ND(0.0000220) [0.0000270 AF]	0.0000250 AG [0.0000340 AG]	0.0000250 [0.0000870]	0.208 [0.267]	2.10 [2.40]	0.0022 [0.0019]
LOCATION-13	Division Street Bridge	4/28/05	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.516	4.10	0.0064

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. 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.

TABLE 15-3
PCB DATA RECEIVED DURING MAY 2005

ADDITIONAL REACH 7 FLOODPLAIN SOIL SAMPLING
HOUSATONIC RIVER - REST OF RIVER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID	Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
35-17	FP02-004-001	0-1	4/27/2005	ND(0.045) [ND(0.045)]	ND(0.045) [ND(0.045)]	0.72 [0.67]	0.72 [0.67]
		1-2	4/27/2005	ND(0.043)	ND(0.043)	0.14	0.14
	FP02-005-001	0-1	4/27/2005	ND(0.33)	ND(0.33)	6.2	6.2
		1-2	4/27/2005	ND(0.051)	0.64	1.7	2.34
35-5A	FP03-001-001	0-1	4/29/2005	ND(0.039)	0.19	0.54	0.73
		1-2	4/29/2005	ND(0.038)	0.39	1.4	1.79
	FP03-001-002	0-1	4/29/2005	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
		1-2	4/29/2005	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	FP03-001-003	0-1	4/29/2005	ND(0.040) [ND(0.042)]	ND(0.040) [ND(0.042)]	ND(0.040) [ND(0.042)]	ND(0.040) [ND(0.042)]
		1-2	4/29/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	FP03-002-001	0-1	4/29/2005	ND(0.23)	1.5	2.2	3.7
		1-2	4/29/2005	ND(0.39)	2.9	5.8	8.7
	FP03-002-002	0-1	4/29/2005	ND(0.50)	2.8	5.1	7.9
		1-2	4/29/2005	ND(0.59)	ND(0.59)	8.0	8.0
	FP03-002-003	0-1	4/29/2005	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
		1-2	4/29/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	FP03-003-001	0-1	4/29/2005	ND(0.045)	ND(0.045)	0.26	0.26
		1-2	4/29/2005	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	FP03-003-002	0-1	4/29/2005	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
		1-2	4/29/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	FP03-003-003	0-1	4/29/2005	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
		1-2	4/29/2005	ND(0.042)	ND(0.042)	0.044	0.044

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

TABLE 15-4
DATA RECEIVED DURING MAY 2005

SUMMARY OF ACADEMY OF NATURAL SCIENCES 2004 BIENNIAL HOUSATONIC FISH PCB DATA
HOUSATONIC RIVER - REST OF RIVER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Location ID	Sample Identification Number	Month Collected	Species	Number of Individuals	Congener Total PCBs	Aroclor Total PCBs	Percent Lipids
Bulls Bridge	2558/F-2317	Aug-04	Smallmouth Bass	1	1.26	1.46	1.23
Bulls Bridge	2563/F-2322	Aug-04	Smallmouth Bass	1	0.623	0.738	0.86
Bulls Bridge	2564/F-2323	Aug-04	Bluegill	5	0.319	0.367	0.90
Bulls Bridge	2565/F-2324	Aug-04	Bluegill	5	0.206	0.238	1.10
Bulls Bridge	2604/F-1365	Aug-04	Bluegill	5	0.289	0.329	1.67
Bulls Bridge	2610/F-1368	Aug-04	Smallmouth Bass	1	0.702	0.830	0.60
Bulls Bridge	2612/F-1370	Aug-04	Smallmouth Bass	1	0.769	0.931	1.40
Bulls Bridge	2613/F-1371	Aug-04	Smallmouth Bass	1	1.62	1.88	1.48
Bulls Bridge	2617/F-1375	Aug-04	Smallmouth Bass	1	1.22	1.44	0.58
Bulls Bridge	2655/F-1377	Aug-04	Northern Pike	1	0.551	0.624	0.44
Bulls Bridge	2656/F-1378	Aug-04	Northern Pike	1	0.162	0.189	0.42
Bulls Bridge	2657/F-1379	Aug-04	Northern Pike	1	0.636	0.718	0.84
Bulls Bridge	2934/F-1385	Aug-04	Yellow Bullhead	5	0.361	0.424	1.08
Bulls Bridge	2936/F-1387	Aug-04	Brown Bullhead	5	0.417	0.533	1.48
Bulls Bridge	2937/F-1388	Aug-04	Brown Bullhead	5	0.319	0.396	1.25
Bulls Bridge	3140/F-1398	Aug-04	Smallmouth Bass	1	0.971	1.13	1.83
Bulls Bridge	3143/F-1401	Aug-04	Smallmouth Bass	1	0.861	0.986	1.53
Bulls Bridge	3145/F-1403	Aug-04	Smallmouth Bass	1	0.856	0.965	1.67
Bulls Bridge	3147/F-1405	Oct-04	Smallmouth Bass	1	1.63	1.85	1.22
Bulls Bridge	3157/F-1415	Aug-04	Largemouth Bass	5	0.565	0.647	1.47
Bulls Bridge	3317/F-1445	Aug-04	Pumpkinseed	2	0.228	0.271	0.66
Bulls Bridge	3318/F-1446	Aug-04	Pumpkinseed	2	0.200	0.224	0.79
Bulls Bridge	3319/F-1447	Aug-04	Pumpkinseed	2	0.272	0.307	1.22
Bulls Bridge	3332/F-1460	Aug-04	Yellow Perch	5	0.303	0.339	1.32
Bulls Bridge	3334/F-1462	Aug-04	Yellow Perch	5	0.337	0.379	1.16
Bulls Bridge	3335/F-1464	Aug-04	Yellow Perch	5	0.434	0.493	1.08
Falls Village	2588/F-1354	Aug-04	Bluegill	5	0.438	0.484	1.62
Falls Village	2589/F-1355	Aug-04	Bluegill	5	0.468	0.511	2.97
Falls Village	2602/F-1363	Aug-04	Bluegill	5	0.332	0.376	1.31
Falls Village	2658/F-1379	Aug-04	Northern Pike	1	0.747	0.851	1.26
Falls Village	2659/F-1380	Aug-04	Northern Pike	1	31.7	42.8	0.59
Falls Village	2660/F-1381	Aug-04	Northern Pike	1	0.945	1.11	0.96
Falls Village	3286/F-1434	Oct-04	Pumpkinseed	5	0.227	0.257	1.32
Falls Village	3287/F-1435	Oct-04	Yellow Perch	5	0.491	0.562	1.28
Falls Village	3288/F-1436	Oct-04	Smallmouth Bass	5	1.01	1.22	1.98
Falls Village	3289/F-1437	Oct-04	Brown Bullhead	1	0.133	0.161	2.26
Falls Village	3328/F-1456	Aug-04	Brown Bullhead	1	0.372	0.457	1.48
Falls Village	3329/F-1457	Aug-04	Brown Bullhead	1	0.417	0.516	0.91
Falls Village	3330/F-1458	Aug-04	Brown Bullhead	1	0.353	0.410	1.74
Falls Village	3336/F-1465	Aug-04	Pumpkinseed	5	0.330	0.370	1.16
Falls Village	3337/F-1466	Aug-04	Pumpkinseed	5	0.267	0.297	1.12
Lake Lillinonah	2555/F-2314	Aug-04	Smallmouth Bass	1	0.274	0.308	1.51
Lake Lillinonah	2556/F-2315	Aug-04	Smallmouth Bass	1	0.214	0.248	0.95
Lake Lillinonah	2557/F-2316	Aug-04	Smallmouth Bass	1	0.208	0.240	1.35
Lake Lillinonah	2559/F-2318	Aug-04	Smallmouth Bass	1	0.246	0.298	0.80
Lake Lillinonah	2560/F-2319	Aug-04	Smallmouth Bass	1	0.607	0.706	1.20
Lake Lillinonah	2561/F-2320	Aug-04	Smallmouth Bass	1	0.530	0.608	1.32
Lake Lillinonah	2562/F-2321	Aug-04	Smallmouth Bass	1	0.759	0.893	1.28
Lake Lillinonah	2574/F-1342	Aug-04	Bluegill	5	0.256	0.298	1.00
Lake Lillinonah	2587/F-1353	Aug-04	Bluegill	5	0.116	0.135	1.13
Lake Lillinonah	2590/F-1356	Aug-04	Bluegill	5	0.126	0.148	0.78
Lake Lillinonah	2661/F-1382	Aug-04	Northern Pike	1	1.54	1.77	2.05
Lake Lillinonah	2662/F-1383	Aug-04	Northern Pike	1	0.764	0.865	1.66
Lake Lillinonah	2663/F-1384	Aug-04	Northern Pike	1	0.965	1.11	2.41
Lake Lillinonah	3141/F-1399	Oct-04	Smallmouth Bass	1	0.388	0.465	1.47

TABLE 15-4
DATA RECEIVED DURING MAY 2005

SUMMARY OF ACADEMY OF NATURAL SCIENCES 2004 BIENNIAL HOUSATONIC FISH PCB DATA
HOUSATONIC RIVER - REST OF RIVER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Location ID	Sample Identification Number	Month Collected	Species	Number of Individuals	Congener Total PCBs	Aroclor Total PCBs	Percent Lipids
Lake Lillinonah	3142/F-1400	Oct-04	Smallmouth Bass	1	1.47	1.67	0.69
Lake Lillinonah	3146/F-1404	Sept-04	Smallmouth Bass	1	0.626	0.725	1.55
Lake Lillinonah	3163/F-1421	Aug-04	White Catfish	5	1.26	1.54	1.64
Lake Lillinonah	3178/F-1432	Sept-04	Brown Bullhead	1	0.396	0.563	2.18
Lake Lillinonah	3179/F-1433	Sept-04	Brown Bullhead	1	0.156	0.206	1.88
Lake Lillinonah	3290/F-1438	Oct-04	Yellow Bullhead	1	0.253	0.308	1.41
Lake Lillinonah	3291/F-1439	Aug-04	Yellow Bullhead	1	0.0780	0.0917	1.12
Lake Lillinonah	3292/F-1440	Aug-04	Yellow Bullhead	1	0.112	0.141	0.94
Lake Lillinonah	3293/F-1441	Aug-04	Yellow Bullhead	1	0.277	0.341	0.68
Lake Lillinonah	3294/F-1442	Aug-04	Yellow Bullhead	1	0.191	0.242	1.12
Lake Lillinonah	3295/F-1443	Aug-04	Redbreast Sunfish	4	0.122	0.143	0.84
Lake Lillinonah	3296/F-1444	Aug-04	Yellow Perch	5	0.120	0.140	0.76
Lake Lillinonah	3320/F-1448	Sept-04	Redbreast Sunfish	3	0.141	0.163	1.68
Lake Lillinonah	3323/F-1451	Oct-04	Pumpkinseed	4	0.0429	0.0495	1.63
Lake Lillinonah	3324/F-1452	Sept-04	Yellow Perch	5	0.154	0.184	1.57
Lake Lillinonah	3325/F-1453	Oct-04	Yellow Perch	5	0.147	0.171	1.08
Lake Zoar	2591/F-1357	Aug-04	Bluegill	5	0.0813	0.0924	1.24
Lake Zoar	2603/F-1364	Aug-04	Bluegill	5	0.245	0.280	1.49
Lake Zoar	2608/F-1366	Aug-04	Smallmouth Bass	1	0.227	0.258	1.18
Lake Zoar	2609/F-1367	Aug-04	Smallmouth Bass	1	0.474	0.552	0.70
Lake Zoar	2611/F-1369	Aug-04	Smallmouth Bass	1	0.127	0.148	0.24
Lake Zoar	2614/F-1372	Aug-04	Smallmouth Bass	1	0.239	0.298	0.48
Lake Zoar	2935/F-1386	Aug-04	Bluegill	5	0.120	0.140	1.06
Lake Zoar	2938/F-1389	Aug-04	White Perch	5	0.510	0.558	2.42
Lake Zoar	2939/F-1390	Sept-04/Oct-04	Yellow Perch	5	0.205	0.237	0.92
Lake Zoar	3136/F-1394	Aug-04	Smallmouth Bass	1	0.150	0.170	1.27
Lake Zoar	3137/F-1395	Oct-04	Smallmouth Bass	1	0.266	0.295	1.65
Lake Zoar	3138/F-1396	Oct-04	Smallmouth Bass	1	0.214	0.256	1.06
Lake Zoar	3139/F-1397	Oct-04	Smallmouth Bass	1	0.257	0.303	1.38
Lake Zoar	3144/F-1402	Oct-04	Smallmouth Bass	1	0.222	0.255	1.29
Lake Zoar	3155/F-1413	Oct-04	Smallmouth Bass	1	0.649	0.734	2.19
Lake Zoar	3162/F-1420	Oct-04	Pumpkinseed	5	0.0759	0.0867	1.46
Lake Zoar	3321/F-1449	Oct-04	White Catfish	4	0.780	0.922	3.29
Lake Zoar	3322/F-1450	Oct-04	White Catfish	4	0.402	0.469	3.93
Lake Zoar	3326/F-1454	Aug-04	Yellow Perch	5	0.122	0.139	0.98
Lake Zoar	3327/F-1455	Aug-04	Pumpkinseed	5	0.0744	0.0862	0.83
Lake Zoar	3331/F-1459	Aug-04	Yellow Perch	5	0.181	0.209	1.18
Lake Zoar	3333/F-1461	Aug-04	Yellow Bullhead	1	0.0495	0.0617	0.98
West Cornwall	2566/F-2325	Aug-04	Brown Trout	1	1.34	1.49	5.45
West Cornwall	2567/F-2326	Aug-04	Smallmouth Bass	1	1.48	1.69	1.82
West Cornwall	2568/F-1336	Aug-04	Brown Trout	1	3.73	4.25	4.67
West Cornwall	2569/F-1337	Aug-04	Brown Trout	1	1.77	2.15	4.18
West Cornwall	2570/F-1338	Aug-04	Brown Trout	1	0.979	1.13	3.06
West Cornwall	2571/F-1339	Aug-04	Smallmouth Bass	1	0.384	0.432	0.94
West Cornwall	2572/F-1340	Aug-04	Smallmouth Bass	1	0.720	0.832	2.22
West Cornwall	2573/F-1341	Aug-04	Brown Trout	1	1.98	2.39	8.16
West Cornwall	2578/F-1347	Aug-04	Brown Trout	1	1.59	1.77	7.01
West Cornwall	2579/F-1348	Aug-04	Brown Trout	1	1.12	1.28	4.11
West Cornwall	2580/F1349	Aug-04	Brown Trout	1	1.16	1.31	3.64
West Cornwall	2581/F-1350	Aug-04	Brown Trout	1	1.11	1.32	4.54
West Cornwall	2582/F-1351	Aug-04	Brown Trout	1	1.83	2.03	5.72
West Cornwall	2583/F-1352	Aug-04	Smallmouth Bass	1	0.759	0.839	1.90
West Cornwall	2597/F-1358	Aug-04	Brown Trout	1	1.47	1.67	4.46
West Cornwall	2598/F-1359	Aug-04	Brown Trout	1	1.59	1.87	5.21
West Cornwall	2599/F-1360	Aug-04	Smallmouth Bass	1	0.896	1.03	1.27

TABLE 15-4
DATA RECEIVED DURING MAY 2005

SUMMARY OF ACADEMY OF NATURAL SCIENCES 2004 BIENNIAL HOUSATONIC FISH PCB DATA
HOUSATONIC RIVER - REST OF RIVER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Location ID	Sample Identification Number	Month Collected	Species	Number of Individuals	Congener Total PCBs	Aroclor Total PCBs	Percent Lipids
West Cornwall	2600/F-1361	Aug-04	Brown Trout	1	1.76	1.96	5.54
West Cornwall	2601/F-1362	Aug-04	Smallmouth Bass	1	0.788	0.912	1.74
West Cornwall	2615/F-1373	Aug-04	Brown Trout	1	1.17	1.35	4.06
West Cornwall	2616/F-1374	Aug-04	Brown Trout	1	1.25	1.47	3.92
West Cornwall	3149/F-1407	Oct-04	Smallmouth Bass	1	0.719	0.836	1.84
West Cornwall	3150/F-1408	Oct-04	Smallmouth Bass	1	1.10	1.23	1.78
West Cornwall	3151/F-1409	Oct-04	Smallmouth Bass	1	1.05	1.17	2.18
West Cornwall	3152/F-1410	Oct-04	Smallmouth Bass	1	1.98	2.21	2.05
West Cornwall	3154/F-1412	Oct-04	Brown Trout	1	1.42	1.56	3.21
West Cornwall	3158/F-1416	Aug-04	Brown Trout	1	1.73	1.97	5.85
West Cornwall	3159/F-1417	Aug-04	Brown Trout	1	1.55	1.73	4.97
West Cornwall	3160/F-1418	Aug-04	Brown Trout	1	1.37	1.58	5.35
West Cornwall	3161/F-1419	Aug-04	Brown Trout	1	1.34	1.53	3.36
West Cornwall	3164/F-1422	Oct-04	Brown Trout	1	2.77	3.14	3.70
West Cornwall	3165/F-1423	Oct-04	Brown Trout	1	1.87	2.05	4.32
West Cornwall	3166/F-1424	Oct-04	Brown Trout	1	1.78	2.03	2.34
West Cornwall	3167/F-1425	Oct-04	Brown Trout	1	2.11	2.33	3.24
West Cornwall	3168/F-1426	Oct-04	Brown Trout	1	1.69	1.90	2.80
West Cornwall	3169/F-1427	Oct-04	Brown Trout	1	1.46	1.60	4.86
West Cornwall	3173/F-1428	Oct-04	Brown Trout	1	1.99	2.21	4.81
West Cornwall	3174/F-1429	Oct-04	Brown Trout	1	2.42	2.74	2.34
West Cornwall	3176/F-1430	Oct-04	Brown Trout	1	1.66	1.85	2.58
West Cornwall	3177/F-1431	Oct-04	Brown Trout	1	2.06	2.27	4.51
Burlington Hatchery	3153/F-1411	Aug-04	Brown Trout	1	0.0934	0.0983	9.54
Burlington Hatchery	3156/F-1414	Aug-04	Brown Trout	1	0.0854	0.0897	8.29

Note:
1. Samples were collected and analyzed by Academy of Natural Sciences of Philadelphia.

ITEMS 16 & 17
HOUSATONIC RIVER FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1½-MILE REACH (GECD710 AND GECD720)
MAY 2005

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

a. Activities Undertaken/Completed

- Selected Remediation Contractor for remediation of the Group 3A and 3B floodplain properties (May 11, 2005).

- Conducted floodplain topsoil sampling for use as backfill.

- On May 24, 2005, GE received sampling results for the backfill materials proposed for use at the Group 3A and 3B floodplain properties. The samples were collected and analyzed by the Remediation Contractor.

b. Sampling/Test Results Received

See attached table.

c. Work Plans/Reports/Documents Submitted

None

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

- Submit a Supplemental Information Package with more details on remediation plans for the Group 3A and 3B floodplain properties.

- Prepare and submit an Addendum to the RD/RA Work Plan for the Group 3A and 3B Floodplain Properties (due on or before June 9, 2005).

- Prepare and submit an RD/RA Work Plan for the Group 3C and 3D Floodplain Properties (due on or before June 10, 2005).

- Upon EPA approval of Pre-Design Investigation Report for Phase 4 properties, conduct additional sampling and survey activities at those properties.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

GE will discuss with EPA a schedule for pre-certification inspection and submittal of a Final Completion Report for Phase 1 and Phase 2 properties and ERE for City property in Phase 2.

ITEMS 16 & 17
(cont'd)
HOUSATONIC RIVER FLOODPLAIN
RESIDENTIAL AND NON-RESIDENTIAL
PROPERTIES ADJACENT TO 1½-MILE REACH
(GECD710 AND GECD720)
MAY 2005

f. Proposed/Approved Work Plan Modifications

Received conditional approval from EPA of the RD/RA Work Plan for the Group 3A and 3B Floodplain Properties (May 26, 2005).

TABLE 16&17-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2005

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
Floodplain Soil Sampling	FLOODPLAIN-TOPSOIL-1	5/19/05	Soil	SGS	PCB, VOC, SVOC, Metals	
Backfill Material Sampling (Common Fill)	H2-OT000056-0-5A21-1	4/21/2005	Soil	STL	PCB, VOC, SVOC, Metals	5/24/2005
Backfill Material Sampling (Common Fill)	H2-OT000056-0-5A21-2	4/21/2005	Soil	STL	PCB, VOC, SVOC, Metals	5/24/2005
Backfill Material Sampling (Common Fill)	H2-OT000056-0-5A21-3	4/21/2005	Soil	STL	PCB, VOC, SVOC, Metals	5/24/2005

TABLE 16&17-2
DATA RECEIVED DURING MAY 2005

BACKFILL MATERIAL SAMPLING (COMMON FILL)
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:	H2-OT000056-0-5A21-1 04/21/05	H2-OT000056-0-5A21-2 04/21/05	H2-OT000056-0-5A21-3 04/21/05
Volatile Organics			
Acetone	0.007	0.0083	0.0089
Methylene Chloride	ND(0.0053)	0.001J	0.0013 J
PCBs			
None Detected	--	--	--
Semivolatile Organics			
None Detected	--	--	--
Inorganics			
Arsenic	4.2	4.3	3.6
Barium	15.3	23.1	17.8
Beryllium	0.17	0.20	0.22
Cadmium	0.12	0.17	0.13
Chromium	3.9	4.1	4.4
Cobalt	6.1	7.5	8.2
Copper	10.5	9.9	11.5
Lead	4.7	4.2	4.1
Nickel	9.1	9.9	10.3
Silver	ND(0.15)	ND(0.16)	0.21
Vanadium	5.1	5.4	5.8
Zinc	35.2	39.2	39.8

Notes:
1. Samples were collected by Sevenson Environmental and submitted to Severn Trent Laboratories 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 those constituents detected in one or more samples are summarized.

Data Qualifiers:

Organics (PCBs, volatiles, semivolatiles)

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

ITEM 18
HOUSATONIC RIVER FLOODPLAIN
CURRENT RESIDENTIAL PROPERTIES
DOWNSTREAM OF CONFLUENCE
(ACTUAL/POTENTIAL LAWNS)
(GECD730)
MAY 2005

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

ITEM 20
OTHER AREAS
SILVER LAKE AREA
(GECD600)
MAY 2005

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

a. Activities Undertaken/Completed

- Completed Stage 1 of the Bench-Scale Study and delivered samples for sediment and pore water analysis for PCB, TOC, EPH, and VPH concentrations (see Table 20-1).

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

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted Second Interim Pre-Design Investigation Report for Silver Lake Soils (May 17, 2005).

- Submitted a response to EPA comments on the Supplemental Pre-Design Investigation Report for Silver Lake Sediments (May 24, 2005).

d. Upcoming Scheduled Activities (next six weeks)

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

- Continue Bench-Scale Study for sediments in accordance with Bench-Scale Study Work Plan, as conditionally approved by EPA on February 25, 2005.

- Send ERE requests to owners of certain commercial properties adjacent to Silver Lake.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Discussions underway with EPA regarding requests for EREs at above properties.

f. Proposed/Approved Work Plan Modifications

Received EPA conditional approval of the Supplemental Pre-Design Investigation Report for Sediments (May 19, 2005).

TABLE 20-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2005

SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Silver Lake Bench Scale Study	CAP MATERIAL 7	4/14/05	NA	Water	NEA	TOC	5/4/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	FD-1-050505 (SL-BS-SE-B3-CAP)	5/5/05	0-2	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	FD-1-050505 (SL-BS-SE-B3-CAP)	5/5/05	0-2	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	FD-2-050505 (SL-BS-SE-E3-CAP)	5/5/05	0-2	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	FD-2-050505 (SL-BS-SE-E3-CAP)	5/5/05	0-2	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-A3-CAP	5/5/05	0-2	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-A3-CAP	5/5/05	2-4	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-A3-CAP	5/5/05	4-6	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-A3-CAP	5/5/05	6-9.75	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-A3-CAP	5/5/05	0-2	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-A3-CAP	5/5/05	2-4	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-A3-CAP	5/5/05	4-6	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-A3-CAP	5/5/05	6-9.75	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-A3-SED	5/5/05	0-6	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-A3-SED	5/5/05	0-6	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-B3-CAP	5/5/05	0-2	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-B3-CAP	5/5/05	2-4	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-B3-CAP	5/5/05	4-6	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-B3-CAP	5/5/05	6-10.25	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-B3-CAP	5/5/05	0-2	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-B3-CAP	5/5/05	2-4	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-B3-CAP	5/5/05	4-6	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-B3-CAP	5/5/05	6-10.25	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-B3-SED	5/5/05	0-6	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-B3-SED	5/5/05	0-6	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-C8-CAP	5/5/05	0-2	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-C8-CAP	5/5/05	2-4	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-C8-CAP	5/5/05	4-6	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-C8-CAP	5/5/05	6-10.5	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-C8-CAP	5/5/05	0-2	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-C8-CAP	5/5/05	2-4	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-C8-CAP	5/5/05	4-6	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-C8-CAP	5/5/05	6-10.5	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-C8-SED	5/5/05	0-6	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-C8-SED	5/5/05	0-6	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-D3-CAP	5/5/05	0-2	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-D3-CAP	5/5/05	2-4	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-D3-CAP	5/5/05	4-6	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-D3-CAP	5/5/05	6-10	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-D3-CAP	5/5/05	0-2	Sediment	SGS	VPH, EPH	5/27/05

TABLE 20-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2005

SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-D3-CAP	5/5/05	2-4	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-D3-CAP	5/5/05	4-6	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-D3-CAP	5/5/05	6-10	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-D3-SED	5/5/05	0-6	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-D3-SED	5/5/05	0-6	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-E3-CAP	5/5/05	0-2	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-E3-CAP	5/5/05	2-4	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-E3-CAP	5/5/05	4-6	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-E3-CAP	5/5/05	6-10.75	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-E3-CAP	5/5/05	0-2	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-E3-CAP	5/5/05	2-4	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-E3-CAP	5/5/05	4-6	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-E3-CAP	5/5/05	6-10.75	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-E3-SED	5/5/05	0-6	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-E3-SED	5/5/05	0-6	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-F3-CAP	5/5/05	0-2	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-F3-CAP	5/5/05	2-4	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-F3-CAP	5/5/05	4-6	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-F3-CAP	5/5/05	6-10.75	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-F3-CAP	5/5/05	0-2	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-F3-CAP	5/5/05	2-4	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-F3-CAP	5/5/05	4-6	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-F3-CAP	5/5/05	6-10.75	Sediment	SGS	VPH, EPH	5/27/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-F3-SED	5/5/05	0-6	Sediment	NEA	PCB, TOC	5/25/05
Silver Lake Bench Scale Study - Stage 1 Post Consolidation	SL-BS-SE-F3-SED	5/5/05	0-6	Sediment	SGS	VPH, EPH	5/27/05

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

TABLE 20-2
TOC DATA RECEIVED DURING MAY 2005

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

Parameter / Sample ID: / Date Collected:	CAP MATERIAL 7 04/14/05
Total Organic Carbon	
TOC - Replicate 1	44000
TOC - Replicate 2	51000
TOC - Replicate 3	46000
TOC - Average	47000
TOC - % RSD	8.0

Notes:

1. Sample was collected by Blasland, Bouck & Lee, Inc., and submitted to Northeast Analytical, Inc. for analysis of total organic carbon (TOC).
2. % RSD - Percent relative standard deviation.

TABLE 20-3
DATA RECEIVED DURING MAY 2005

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

Parameter	Sample ID: / Sample Depth (Inches): / Date Collected:	SL-BS-SE-A3-CAP 0-2 05/05/05	SL-BS-SE-A3-CAP 2-4 05/05/05	SL-BS-SE-A3-CAP 4-6 05/05/05	SL-BS-SE-A3-CAP 6-9.75 05/05/05	SL-BS-SE-A3-SED 0-6 05/05/05	SL-BS-SE-B3-CAP 0-2 05/05/05
PCBs							
Aroclor-1221		ND(0.060)	ND(0.061)	ND(0.059)	ND(0.060)	ND(5.0)	ND(0.061) [ND(0.060)]
Aroclor-1248		ND(0.060)	ND(0.061)	ND(0.059)	ND(0.060)	85 PE	0.38 PE [0.38 PE]
Aroclor-1254		ND(0.060)	ND(0.061)	ND(0.059)	ND(0.060)	86 AF	0.11 AF [0.12 AF]
Aroclor-1260		ND(0.060)	ND(0.061)	ND(0.059)	ND(0.060)	110 AG	ND(0.061) [0.063 AG]
Total PCBs		ND(0.060)	ND(0.061)	ND(0.059)	ND(0.060)	281	0.49 [0.563]
Extractable Petroleum Hydrocarbons							
C11-C22 Aromatic Hydrocarbons		ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200) [ND(200)]
C19-C36 Aliphatic Hydrocarbons		ND(500)	ND(500)	ND(500)	ND(500)	1900	ND(500) [ND(500)]
C9-C18 Aliphatic Hydrocarbons		ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500) [ND(500)]
Volatile Petroleum Hydrocarbons							
C5-C8 Aliphatic Hydrocarbons		ND(100)	ND(100)	ND(100)	ND(100)	41	ND(100) [ND(100)]
C9-C10 Aromatic Hydrocarbons		ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100) [ND(100)]
C9-C12 Aliphatic Hydrocarbons		ND(100)	ND(100)	ND(100)	ND(100)	190	ND(100) [ND(100)]
Total Petroleum Hydrocarbons		ND(500)	ND(500)	ND(500)	ND(500)	2600	ND(500) [ND(500)]
Inorganics							
TOC - Replicate 1		8100	11000	10000	9700	120000	8800 [11000]
TOC - Replicate 2		9800	12000	12000	12000	140000	13000 [7800]
TOC - Replicate 3		8100	8000	9900	12000	150000	41000 [9200]
TOC - Replicate 4		NA	NA	NA	NA	NA	7000 [NA]
TOC - Average		8700	10000	11000	11000	140000	17000 [9400]
TOC - % RSD		11	21	8.1	13	10	92 [19]

TABLE 20-3
DATA RECEIVED DURING MAY 2005

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

Sample ID: / Sample Depth (Inches): / Parameter / Date Collected:	SL-BS-SE-B3-CAP 2-4 05/05/05	SL-BS-SE-B3-CAP 4-6 05/05/05	SL-BS-SE-B3-CAP 6-10.25 05/05/05	SL-BS-SE-B3-SED 0-6 05/05/05	SL-BS-SE-C8-CAP 0-2 05/05/05	SL-BS-SE-C8-CAP 2-4 05/05/05
PCBs						
Aroclor-1221	ND(0.064)	ND(0.065)	ND(0.060)	ND(5.6)	ND(0.059)	ND(0.060)
Aroclor-1248	0.23 PE	0.39 PE	0.75 PE	110 PE	0.13 PE	ND(0.060)
Aroclor-1254	ND(0.064)	0.090 AF	0.17 AF	120 AF	ND(0.059)	ND(0.060)
Aroclor-1260	ND(0.064)	ND(0.065)	0.066 AG	110 AG	ND(0.059)	ND(0.060)
Total PCBs	0.23	0.48	0.986	340	0.13	ND(0.060)
Extractable Petroleum Hydrocarbons						
C11-C22 Aromatic Hydrocarbons	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)
C19-C36 Aliphatic Hydrocarbons	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)
C9-C18 Aliphatic Hydrocarbons	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)
Volatile Petroleum Hydrocarbons						
C5-C8 Aliphatic Hydrocarbons	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)
C9-C10 Aromatic Hydrocarbons	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)
C9-C12 Aliphatic Hydrocarbons	ND(100)	ND(100)	ND(100)	300	ND(100)	ND(100)
Total Petroleum Hydrocarbons	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)
Inorganics						
TOC - Replicate 1	7500	8100	11000	110000	7600	18000
TOC - Replicate 2	6400	9700	12000	110000	11000	18000
TOC - Replicate 3	20000	12000	15000	110000	7600	7900
TOC - Replicate 4	14000	NA	NA	NA	NA	23000
TOC - Average	12000	10000	13000	110000	8800	17000
TOC - % RSD	54	22	19	2.4	23	38

TABLE 20-3
DATA RECEIVED DURING MAY 2005

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

Sample ID: / Sample Depth (Inches): / Parameter / Date Collected:	SL-BS-SE-C8-CAP 4-6 05/05/05	SL-BS-SE-C8-CAP 6-10.5 05/05/05	SL-BS-SE-C8-SED 0-6 05/05/05	SL-BS-SE-D3-CAP 0-2 05/05/05	SL-BS-SE-D3-CAP 2-4 05/05/05	SL-BS-SE-D3-CAP 4-6 05/05/05
PCBs						
Aroclor-1221	ND(0.058)	ND(0.058)	ND(4.6)	ND(0.061)	ND(0.061)	ND(0.062)
Aroclor-1248	ND(0.058)	ND(0.058)	85 PE	ND(0.061)	ND(0.061)	ND(0.062)
Aroclor-1254	ND(0.058)	ND(0.058)	62 AF	ND(0.061)	ND(0.061)	ND(0.062)
Aroclor-1260	ND(0.058)	ND(0.058)	40 AG	ND(0.061)	ND(0.061)	ND(0.062)
Total PCBs	ND(0.058)	ND(0.058)	187	ND(0.061)	ND(0.061)	ND(0.062)
Extractable Petroleum Hydrocarbons						
C11-C22 Aromatic Hydrocarbons	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)
C19-C36 Aliphatic Hydrocarbons	ND(500)	ND(500)	ND(620)	ND(500)	ND(500)	ND(500)
C9-C18 Aliphatic Hydrocarbons	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)
Volatile Petroleum Hydrocarbons						
C5-C8 Aliphatic Hydrocarbons	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)
C9-C10 Aromatic Hydrocarbons	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)
C9-C12 Aliphatic Hydrocarbons	ND(100)	ND(100)	100	ND(100)	ND(100)	ND(100)
Total Petroleum Hydrocarbons	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)
Inorganics						
TOC - Replicate 1	18000	8900	95000	9000	7500	8800
TOC - Replicate 2	17000	8100	95000	12000	4800	12000
TOC - Replicate 3	7800	11000	96000	8700	14000	8700
TOC - Replicate 4	23000	NA	NA	NA	7300	NA
TOC - Average	16000	9200	95000	9900	8500	9800
TOC - % RSD	38	14	0.66	19	48	19

TABLE 20-3
DATA RECEIVED DURING MAY 2005

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

Parameter	Sample ID: / Sample Depth (Inches): / Date Collected:	SL-BS-SE-D3-CAP 6-10 05/05/05	SL-BS-SE-D3-SED 0-6 05/05/05	SL-BS-SE-E3-CAP 0-2 05/05/05	SL-BS-SE-E3-CAP 2-4 05/05/05	SL-BS-SE-E3-CAP 4-6 05/05/05	SL-BS-SE-E3-CAP 6-10.75 05/05/05
PCBs							
Aroclor-1221		ND(0.062)	ND(7.3)	ND(0.058) [ND(0.060)]	ND(0.058)	ND(0.060)	ND(0.060)
Aroclor-1248		ND(0.062)	100 PE	ND(0.058) [ND(0.060)]	ND(0.058)	ND(0.060)	ND(0.060)
Aroclor-1254		ND(0.062)	150 AF	ND(0.058) [ND(0.060)]	ND(0.058)	ND(0.060)	ND(0.060)
Aroclor-1260		ND(0.062)	100 AG	ND(0.058) [ND(0.060)]	ND(0.058)	ND(0.060)	ND(0.060)
Total PCBs		ND(0.062)	350	ND(0.058) [ND(0.060)]	ND(0.058)	ND(0.060)	ND(0.060)
Extractable Petroleum Hydrocarbons							
C11-C22 Aromatic Hydrocarbons		ND(200)	ND(200)	ND(200) [ND(200)]	ND(200)	ND(200)	ND(200)
C19-C36 Aliphatic Hydrocarbons		ND(500)	1900	ND(500) [ND(500)]	ND(500)	ND(500)	ND(500)
C9-C18 Aliphatic Hydrocarbons		ND(500)	ND(500)	ND(500) [ND(500)]	ND(500)	ND(500)	ND(500)
Volatile Petroleum Hydrocarbons							
C5-C8 Aliphatic Hydrocarbons		ND(100)	ND(100)	ND(100) [ND(100)]	ND(100)	ND(100)	ND(100)
C9-C10 Aromatic Hydrocarbons		ND(100)	ND(100)	ND(100) [ND(100)]	ND(100)	ND(100)	ND(100)
C9-C12 Aliphatic Hydrocarbons		ND(100)	310	ND(100) [ND(100)]	ND(100)	ND(100)	ND(100)
Total Petroleum Hydrocarbons		ND(500)	2500	ND(500) [ND(500)]	ND(500)	ND(500)	ND(500)
Inorganics							
TOC - Replicate 1		12000	130000	8200 [12000]	8100	16000	8600
TOC - Replicate 2		8700	120000	15000 [8500]	6800	12000	8900
TOC - Replicate 3		9300	130000	19000 [8500]	10000	9800	12000
TOC - Replicate 4		NA	NA	9800	NA	NA	NA
TOC - Average		9900	130000	13000 [9600]	8300	13000	10000
TOC - % RSD		16	3.6	38 [20]	19	24	21

TABLE 20-3
DATA RECEIVED DURING MAY 2005

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

Parameter	Sample ID: / Sample Depth (Inches): / Date Collected:	SL-BS-SE-E3-SED 0-6 05/05/05	SL-BS-SE-F3-CAP 0-2 05/05/05	SL-BS-SE-F3-CAP 2-4 05/05/05	SL-BS-SE-F3-CAP 4-6 05/05/05	SL-BS-SE-F3-CAP 6-10.75 05/05/05	SL-BS-SE-F3-SED 0-6 05/05/05
PCBs							
Aroclor-1221		ND(0.78)	ND(0.062)	0.20 PB	ND(0.060)	ND(0.063)	82 PB
Aroclor-1248		9.9 PE	0.18 PE	0.36 PE	ND(0.060)	ND(0.063)	120 PE
Aroclor-1254		16 AF	0.15 AF	0.29 AF	ND(0.060)	ND(0.063)	100 AF
Aroclor-1260		9.7 AG	ND(0.062)	0.076 AG	ND(0.060)	ND(0.063)	13 AG
Total PCBs		35.6	0.33	0.926	ND(0.060)	ND(0.063)	315
Extractable Petroleum Hydrocarbons							
C11-C22 Aromatic Hydrocarbons		ND(200)	ND(200)	ND(200)	ND(200)	ND(200)	ND(200)
C19-C36 Aliphatic Hydrocarbons		ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)
C9-C18 Aliphatic Hydrocarbons		ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)
Volatile Petroleum Hydrocarbons							
C5-C8 Aliphatic Hydrocarbons		ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)
C9-C10 Aromatic Hydrocarbons		ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)
C9-C12 Aliphatic Hydrocarbons		ND(100)	ND(100)	ND(100)	ND(100)	ND(100)	ND(100)
Total Petroleum Hydrocarbons		ND(500)	ND(500)	ND(500)	ND(500)	ND(500)	ND(500)
Inorganics							
TOC - Replicate 1		84000	19000	8800	9800	15000	53000
TOC - Replicate 2		82000	13000	16000	25000	7400	55000
TOC - Replicate 3		83000	20000	13000	12000	8600	58000
TOC - Replicate 4		NA	NA	15000	9700	14000	NA
TOC - Average		83000	17000	13000	14000	11000	55000
TOC - % RSD		1.1	22	23	50	34	4.6

Notes:

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

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.

ITEM 21
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
MAY 2005

*** 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.

East Street Area 1-North and South:

- Continued automated groundwater and NAPL pumping at North Side and South Side Caissons. Approximately 20 gallons of LNAPL were recovered from the North Side Caisson, while recoverable quantities of LNAPL were not encountered in the South Side Caisson in May.

- Collected approximately 0.006 liter (0.002 gallon) of LNAPL from wells in this area in May.

East Street Area 2-South:

- Continued automated groundwater and LNAPL removal activities. A total of approximately 4,839,577 gallons of groundwater was recovered from pumping systems 64R, 64S, 64V, 64X, RW-1(S), RW-1(X), and RW-2(X). In addition, approximately 1,104 gallons of LNAPL were removed from pumping systems 64R, 64V, RW-1(S), RW-1(X), 64X, and 64S Caisson.

- Continued automated DNAPL removal activities. Removed approximately 51 gallons of DNAPL from pumping system RW-3(X).

- Continued routine well monitoring and manual NAPL removal activities. Approximately 10.25 liters (2.7 gallons) of LNAPL were removed from wells in this area during May.

- Approximately 2.35 liters (0.62 gallon) of DNAPL was removed from wells E2SC-03I and E2SC-17 utilizing the dedicated weighted bailer installed during the prior monitoring round at this location. New bailers were installed in wells E2SC-03I and E2SC-17 to be checked during the upcoming month.

- Treated/discharged 5,251,401 gallons of water through 64G Groundwater Treatment Facility.

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
MAY 2005

a. Activities Undertaken/Completed (cont'd)

East Street Area 2-South: (cont'd)

- Conducted LNAPL sampling and analysis activities at monitoring wells GMA1-15 and GMA1-16.

- Initiated LNAPL recovery testing at wells GMA1-15, GMA1-17W, and GMA1-19.

East Street Area 2-North:

- Continued routine well monitoring and NAPL removal activities. Recoverable quantities of NAPL were not encountered in this area during May.

20s, 30s, and 40s Complexes:

- Continued routine well monitoring and manual NAPL removal activities. Recoverable quantities of NAPL were not encountered in this area during May.

Lyman Street Area:

- Continued automated groundwater and NAPL removal activities. Approximately 5 gallons of LNAPL were removed from System RW-3.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 1.1 liters (0.29 gallon) of DNAPL were removed from wells in this area.

Newell Street Area II:

- Continued automated DNAPL recovery, with the collection of approximately 155 gallons of DNAPL from the automated collection systems.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 53.44 liters (14.1 gallons) of DNAPL were removed from wells in this area during May.

- Completed DNAPL recovery testing at wells associated with the automated collection systems.

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
MAY 2005

Newell Street Area II: (cont'd)

- Reinstalled DNAPL recovery pumps and re-activated the automated collection systems on May 9, 2005.

- Decommissioned 18 monitoring wells in preparation for the placement of an engineered barrier at this RAA.

Silver Lake Area:

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

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine monitoring activities.

- Complete LNAPL recovery testing at selected wells in East Street Area 2-South.

- Submit proposal to install additional LNAPL monitoring wells in East Street Area 2-South.

- Submit proposal to upgrade DNAPL recovery systems at Newell Street Area II.

- Evaluate NAPL thickness and groundwater elevation data and work on preparation of spring 2005 NAPL monitoring report.

- Decommission well LSSC-05 and convert above-grade wells LSSC-34S and LSSC-34I to flush-mount wells.

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
MAY 2005

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

- Received EPA conditional approval of GE's Newell Street Area II Groundwater and DNAPL Proposal (May 2, 2005).

- Received EPA approval of GE's January 2005 GMA 1 Groundwater Quality Interim Report for Fall 2005 (May 31, 2005).

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
May 2005

Caisson	Month	Vol. LNAPL Collected (gallon)	Vol. Water Recovered (gallon)	Percent Downtime
North Side	May 2004	0.0	22,300	
	June 2004	4.3	28,500	
	July 2004	4.4	16,700	
	August 2004	2.0	16,300	
	September 2004	4.0	24,300	
	October 2004	0.0	25,000	0.30
	November 2004	0.0	18,300	0.31 - Power Outage
	December 2004	35.0	32,200	
	January 2005	2.0	32,600	
	February 2005	3.0	24,700	
	March 2005	1.0	34,700	
	April 2005	0.0	37,100	1.72 - Power Outage
	May 2005	20.0	16,300	
South Side	May 2004	0.0	71,500	
	June 2004	0.0	75,300	
	July 2004	4.4	67,100	
	August 2004	0.0	67,300	
	September 2004	0.0	102,700	
	October 2004	2.0	82,700	0.30
	November 2004	2.0	69,600	0.31 - Power Outage
	December 2005	4.0	98,300	
	January 2005	1.0	77,400	
	February 2005	1.0	76,500	
	March 2005	1.0	98,200	
	April 2005	0.0	99,900	1.72 - Power Outage
	May 2005	0.0	86,600	

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
May 2005

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	May 2005 Removal (liters)
34	5/26/2005	5.92	5.91	0.01	0.006	0.006

Total Manual LNAPL Removal for May 2005: 0.006 liters
0.002 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
May 2005

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA 1 - East Street Area 1 - North									
North Caisson	997.84	5/4/2005	18.27	18.25	0.02	---	19.80	0.00	979.59
North Caisson	997.84	5/12/2005	18.33	18.30	0.03	---	19.80	0.00	979.54
North Caisson	997.84	5/17/2005	18.15	18.14	0.01	---	19.80	0.00	979.70
North Caisson	997.84	5/25/2005	17.73	17.71	0.02	---	19.80	0.00	980.13
GMA 1 - East Street Area 1 - South									
31R	1,000.23	5/26/2005	9.31	---	0.00	---	15.05	0.00	990.92
33	999.50	5/26/2005	Car Parked on Well; Could Not Gauge					0.00	NA
34	999.90	5/26/2005	5.92	5.91	0.01	---	21.01	0.00	993.99
37R	988.79	5/26/2005	7.22	---	0.00	---	17.65	0.00	981.57
72	1000.62	5/26/2005	6.72	---	0.00	---	21.98	0.00	993.90
72R	1000.92	5/26/2005	6.68	---	0.00	---	13.30	0.00	994.24
80	989.98	5/26/2005	6.38	---	0.00	---	24.72	0.00	983.60
89	993.89	5/26/2005	3.65	---	0.00	---	9.00	0.00	990.24
90	987.65	5/26/2005	5.92	---	0.00	---	12.11	0.00	981.73
139R	NA	5/26/2005	11.23	---	0.00	---	14.18	0.00	NA
ES1-13	999.93	5/26/2005	6.50	---	0.00	---	12.51	0.00	993.43
ES1-23R	989.94	5/26/2005	3.95	---	0.00	---	16.09	0.00	985.99
ES1-24	990.61	5/26/2005	5.02	---	0.00	---	12.40	0.00	985.59
GMA1-7	985.81	5/26/2005	11.98	---	0.00	---	14.88	0.00	973.83
GMA1-18	998.29	5/26/2005	7.68	---	0.00	---	13.58	0.00	990.61
South Caisson	1001.11	5/4/2005	13.25	13.19	0.06	---	15.00	0.00	987.92
South Caisson	1001.11	5/12/2005	13.40	13.34	0.06	---	15.00	0.00	987.77
South Caisson	1001.11	5/17/2005	11.55	11.54	0.01	---	15.00	0.00	989.57
South Caisson	1001.11	5/25/2005	14.05	14.03	0.02	---	15.00	0.00	987.08

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 21-4
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
May 2005

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
40R	May 2004	0		
	June 2004	0		
	July 2004	0		
	August 2004	0		
	September 2004	0		
	October 2004	0		0.30 - Power Outage
	November 2004	0		0.31 - Power Outage
	December 2004	0		
	January 2005	0		
	February 2005	0		
	March 2005	0		
	April 2005	0		1.72 - Power Outage
	May 2005	0		0.96 - Maintenance
64R	May 2004	125	629,500	
	June 2004	736	923,500	
	July 2004	380	693,900	
	August 2004	250	330,800	
	September 2004	350	675,600	
	October 2004	175	472,200	0.30 - Power Outage
	November 2004	150	566,100	0.31 - Power Outage
	December 2004	350	630,500	
	January 2005	575	357,900	
	February 2005	400	228,400	
	March 2005	175	292,400	
	April 2005	575	1,071,000	1.72 - Power Outage
	May 2005	550	931,300	0.96 - Maintenance
64S System	May 2004	1,045	1,062,518	
	June 2004	772	968,659	
	July 2004	154	349,705	
	August 2004	230	240,781	
	September 2004	479	681,275	
	October 2004	324	1,034,272	0.30 - Power Outage
	November 2004	625	902,053	0.31 - Power Outage
	December 2004	91	1,147,526	
	January 2005	75	844,225	
	February 2005	97	821,010	
	March 2005	282	905,525	
	April 2005	499	1,039,179	1.72 - Power Outage
	May 2005	300	660,761	0.96 - Maintenance
64V [1]	May 2004	933	1,313,100	
	June 2004	879	1,444,400	
	July 2004	773	940,100	
	August 2004	772	875,900	
	September 2004	1,170	1,385,900	
	October 2004	920	1,221,100	0.30 - Power Outage
	November 2004	551	1,108,200	0.31 - Power Outage
	December 2004	832	1,460,100	
	January 2005	747	1,103,300	
	February 2005	622	1,095,400	
	March 2005	675	1,342,900	
	April 2005	785	1,221,000	1.72 - Power Outage
	May 2005	254	996,400	0.96 - Maintenance

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
May 2005

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64X	May 2004	10	403,200	
	June 2004	5	518,400	
	July 2004	10	403,200	
	August 2004	31	388,800	
	September 2004	51	518,400	
	October 2004	5	403,200	0.30 - Power Outage
	November 2004	10	388,800	0.31 - Power Outage
	December 2004	10	518,400	
	January 2005	5	388,800	
	February 2005	5	403,200	
	March 2005	5	532,800	
	April 2005	0	417,600	1.72 - Power Outage
	May 2005	0	374,400	0.96 - Maintenance
RW-2(X)	May 2004	0	427,200	
	June 2004	0	458,500	
	July 2004	0	1,029,700	
	August 2004	0	1,020,000	
	September 2004	0	1,138,800	0.93
	October 2004	0	911,800	0.30 - Power Outage
	November 2004	0	836,300	0.31 - Power Outage
	December 2004	0	1,111,700	
	January 2005	0	822,500	
	February 2005	0	825,200	
	March 2005	0	1,019,600	
	April 2005	0	859,500	1.72 - Power Outage
	May 2005	0	730,600	0.96 - Maintenance
RW-1(S) [2]	May 2004	36	1,056,169	
	June 2004	419	1,108,600	
	July 2004	196	669,474	
	August 2004	158	709,815	
	September 2004	159	914,647	9.72
	October 2004	1	1,092,740	0.30 - Power Outage
	November 2004	0	977,271	0.31 - Power Outage
	December 2004	11	1,362,634	0.35 - Maintenance
	January 2005	50	998,655	
	February 2005	41	934,203	
	March 2005	43	1,117,949	
	April 2005	1	864,198	22.41 - Maint. & Power Outage
	May 2005	0	912,416	0.96 - Maintenance
RW-1(X)	May 2004	0	397,200	
	June 2004	5	453,900	
	July 2004	0	363,900	
	August 2004	0	473,200	
	September 2004	10	500,500	
	October 2004	0	501,400	0.30 - Power Outage
	November 2004	0	402,900	0.31 - Power Outage
	December 2004	0	443,700	4.17 - Maintenance
	January 2005	0	389,000	
	February 2005	0	330,400	
	March 2005	0	399,300	
	April 2005	0	354,700	1.72 - Power Outage
	May 2005	0	233,700	0.96 - Maintenance

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
May 2005

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
RW-3(X)	May 2004	55		
	June 2004	169		
	July 2004	57		
	August 2004	47		
	September 2004	67		
	October 2004	52		0.30 - Power Outage
	November 2004	46		0.31 - Power Outage
	December 2004	66		
	January 2005	53		
	February 2005	37		
	March 2005	64		
	April 2005	53		1.72 - Power Outage
	May 2005	51		0.96 - Maintenance

Summary of Total Automated Removal	
Water:	**4,839,577 Gallons**
LNAPL:	**1,104 Gallons**
DNAPL:	**51 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 February 2005.

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
May 2005

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	May 2005 Removal (liters)
13	5/20/2005	17.20	16.90	0.30	0.185	0.185
14	5/20/2005	17.16	17.12	0.04	0.025	0.025
26RR	5/20/2005	21.43	20.45	0.98	0.605	0.605
55	5/20/2005	16.90	16.15	0.75	0.463	0.463
GMA1-15	5/20/2005	15.45	14.61	0.84	0.518	1.476
	5/31/2005	15.14	14.55	0.59	0.958	
GMA1-16	5/20/2005	13.10	12.60	0.50	0.308	0.308
GMA1-17W	5/20/2005	16.04	14.50	1.54	0.950	3.316
	5/31/2005	16.21	14.76	1.45	2.366	
GMA1-19	5/6/2005	10.95	9.89	1.06	0.654	3.869
	5/13/2005	11.40	10.13	1.27	0.784	
	5/20/2005	11.82	10.38	1.44	0.888	
	5/27/2005	11.33	10.19	1.14	0.703	
	5/31/2005	10.80	10.09	0.71	0.840	

Total LNAPL Removal East Street Area 2 - South for May 2005: 10.247 liters
2.704 gallons

Total LNAPL Removal East Street Area 2 - North for May 2005: 0.000 liters
0.000 gallons

Total LNAPL Removal 20's, 30's & 40's Complexs for May 2005: 0.000 liters
0.000 gallons

Total LNAPL Removal for May 2005: 10.247 liters
2.704 gallons

Notes:

1. ft BMP - feet Below Measuring Point.
2. LNAPL recovery testing was performed on 5/31/2005 at wells GMA1-15, GMA1-17W, and GMA1-19.
   LNAPL thickness data represents the initial measurements at these wells on that date.
   LNAPL removal data represents the total volume recovered from these wells on that date.

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2005

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	May 2005 Removal (liters)
E2SC-03I	5/27/2005	8.78	38.18	10.27	1.851	1.851
E2SC-03I	5/27/2005	NM	NM	3.00 (2)	0.463	0.463
E2SC-17	5/27/2005	NM	NM	0.25 (2)	0.039	0.039

Total DNAPL Removal East Street Area 2 - South for May 2005: 2.353 liters
0.621 gallons

Total DNAPL Removal East Street Area 2 - North for May 2005: 0.000 liters
0.000 gallons

Total DNAPL Removal 20's, 30's & 40's Complexs for May 2005: 0.000 liters
0.000 gallons

Total DNAPL Removal for May 2005: 2.353 liters
0.621 gallons

Notes:

1. ft BMP - feet Below Measuring Point.
2. DNAPL thickness as measured in the weighted bailer upon retrieval from the well.

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2005

Date	Housatonic River Discharge (gallons)	Recharge Pond Discharge (gallons)	Total Discharge (gallons)
May 2004	5,678,620	236,862	5,915,482
June 2004	4,709,390	350,668	5,060,058
July 2004	4,585,370	316,805	4,902,175
August 2004	4,844,107	310,199	5,154,306
September 2004	5,075,190	248,505	5,323,695
October 2004	6,097,384	260,847	6,358,231
November 2004	5,521,300	180,462	5,701,762
December 2004	5,656,177	152,428	5,808,605
January 2005	5,650,380	112,791	5,763,171
February 2005	4,576,005	195,380	4,771,385
March 2005	5,005,313	235,153	5,240,466
April 2005	5,759,380	172,867	5,932,247
May 2005	4,962,650	288,751	5,251,401

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

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2005

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
30's Complex									
95-15	986.38	5/23/2005	8.15	---	0.00	---	16.65	0.00	978.23
GMA1-10	984.86	5/23/2005	7.45	---	0.00	---	19.73	0.00	977.41
GMA1-12	992.26	5/23/2005	16.25	---	0.00	---	22.14	0.00	976.01
RF-02	982.43	5/23/2005	5.60	---	0.00	---	18.30	0.00	976.83
RF-03	985.40	5/23/2005	9.42	---	0.00	---	18.45	0.00	975.98
RF-03D	985.31	5/23/2005	7.50	---	0.00	---	36.00	0.00	977.81
RF-16	987.91	5/23/2005	9.38	---	0.00	---	20.71	0.00	978.53
40s Complex									
95-17	1,007.67	5/25/2005	24.30	---	0.00	---	28.42	0.00	983.37
RF-4	1,011.99	5/25/2005	15.20	---	0.00	---	24.00	0.00	996.79
East Street Area 2 - South									
13	990.88	5/20/2005	17.20	16.90	0.30	---	22.57	0.00	973.96
14	991.61	5/20/2005	17.16	17.12	0.04	---	25.70	0.00	974.49
19	983.59	5/6/2005	9.70	---	0.00	---	19.89	0.00	973.89
19	983.59	5/13/2005	10.05	---	0.00	---	19.91	0.00	973.54
19	983.59	5/20/2005	10.47	---	0.00	---	19.91	0.00	973.12
19	983.59	5/27/2005	10.10	---	0.00	---	19.85	0.00	973.49
26RR	1,000.58	5/20/2005	21.43	20.45	0.98	---	28.55	0.00	980.06
40R	991.60	5/4/2005	16.37	---	0.00	---	25.00	0.00	975.23
40R	991.60	5/12/2005	16.65	---	0.00	---	25.00	0.00	974.95
40R	991.60	5/17/2005	15.10	---	0.00	---	25.00	0.00	976.50
40R	991.60	5/25/2005	17.05	---	0.00	---	25.00	0.00	974.55
49R	988.71	5/20/2005	15.05	---	0.00	---	24.89	0.00	973.66
49RR	989.80	5/20/2005	16.05	---	0.00	---	23.05	0.00	973.75
55	989.45	5/20/2005	16.90	16.15	0.75	---	30.03	0.00	973.25
64R	993.37	5/4/2005	17.14	17.13	0.01	---	19.00	0.00	976.24
64R	993.37	5/12/2005	16.90	16.85	0.05	---	19.00	0.00	976.52
64R	993.37	5/17/2005	17.45	17.44	0.01	---	19.00	0.00	975.93
64R	993.37	5/25/2005	16.86	16.83	0.03	---	19.00	0.00	976.54
64S	984.48	5/4/2005	17.39	---	0.00	---	28.70	0.00	967.09
64S	984.48	5/12/2005	17.00	---	0.00	---	28.70	0.00	967.48
64S	984.48	5/17/2005	16.84	---	0.00	---	28.70	0.00	967.64
64S	984.48	5/25/2005	17.03	---	0.00	---	28.70	0.00	967.45
64S-Caisson	NA	5/4/2005	10.12	9.82	0.30	---	14.55	0.00	NA
64S-Caisson	NA	5/12/2005	10.00	9.90	0.10	---	14.55	0.00	NA
64S-Caisson	NA	5/17/2005	9.95	9.70	0.25	---	14.55	0.00	NA
64S-Caisson	NA	5/25/2005	9.78	9.73	0.05	---	14.55	0.00	NA
64V	987.29	5/4/2005	21.70	21.30	0.40	P	29.60	< 0.01	965.96
64V	987.29	5/12/2005	22.10	21.50	0.60	P	29.60	< 0.01	965.75
64V	987.29	5/17/2005	22.10	21.70	0.40	P	29.60	< 0.01	965.56
64V	987.29	5/25/2005	21.60	21.30	0.30	---	29.60	0.00	965.97
64X(N)	984.83	5/4/2005	11.30	11.27	0.03	---	15.85	0.00	973.56
64X(N)	984.83	5/12/2005	11.35	11.34	0.01	---	15.85	0.00	973.49

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2005

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
64X(N)	984.83	5/17/2005	11.95	11.94	0.01	---	15.85	0.00	972.89
64X(N)	984.83	5/25/2005	11.59	11.58	0.01	---	15.85	0.00	973.25
64X(S)	981.56	5/4/2005	13.91	---	0.00	---	23.82	0.00	967.65
64X(S)	981.56	5/12/2005	14.20	P	< 0.01	---	23.82	0.00	967.36
64X(S)	981.56	5/17/2005	13.60	P	< 0.01	---	23.82	0.00	967.96
64X(S)	981.56	5/25/2005	14.25	P	< 0.01	---	23.82	0.00	967.31
64X(W)	984.87	5/4/2005	17.18	17.16	0.02	---	24.35	0.00	967.71
64X(W)	984.87	5/12/2005	17.40	17.38	0.02	---	24.35	0.00	967.49
64X(W)	984.87	5/17/2005	17.80	17.78	0.02	---	24.35	0.00	967.09
64X(W)	984.87	5/25/2005	17.53	17.50	0.03	---	24.35	0.00	967.37
95-01	983.77	5/20/2005	9.60	---	0.00	---	17.20	0.00	974.17
3-6C-EB-22	986.94	5/20/2005	13.45	---	0.00	---	20.01	0.00	973.49
E2SC-03I	982.12	5/27/2005	8.78	---	0.00	38.18	48.45	10.27	973.34
E2SC-03I	982.12	5/27/2005	See Note 8 regarding DNAPL Thickness:					3.00	NM
E2SC-17	985.38	5/27/2005	11.00	---	0.00	---	45.46	0.00	974.38
E2SC-17	985.38	5/27/2005	See Note 8 regarding DNAPL Thickness:					0.25	NM
E2SC-23	992.07	5/20/2005	16.25	---	0.00	---	21.16	0.00	975.82
E2SC-24	987.90	5/20/2005	15.35	---	0.00	---	21.64	0.00	972.55
GMA1-13	991.41	5/20/2005	17.16	---	0.00	---	27.18	0.00	974.25
GMA1-14	997.43	5/20/2005	18.10	---	0.00	---	23.45	0.00	979.33
GMA1-15	988.59	5/20/2005	15.45	14.61	0.84	---	17.84	0.00	973.92
GMA1-15	988.59	5/31/2005	15.14	14.55	0.59	---	17.85	0.00	974.00
GMA1-16	986.82	5/20/2005	13.10	12.60	0.50	---	20.03	0.00	974.19
GMA1-17E	993.03	5/20/2005	14.85	---	0.00	---	17.30	0.00	978.18
GMA1-17W	992.63	5/20/2005	16.04	14.50	1.54	---	23.30	0.00	978.02
GMA1-17W	992.63	5/31/2005	16.21	14.76	1.45	---	23.30	0.00	977.77
GMA1-19	984.28	5/6/2005	10.95	9.89	1.06	---	17.14	0.00	974.32
GMA1-19	984.28	5/13/2005	11.40	10.13	1.27	---	17.14	0.00	974.06
GMA1-19	984.28	5/20/2005	11.82	10.38	1.44	---	17.14	0.00	973.80
GMA1-19	984.28	5/27/2005	11.33	10.19	1.14	---	17.15	0.00	974.01
GMA1-19	984.28	5/31/2005	10.80	10.09	0.71	---	17.20	0.00	974.14
GMA1-20	983.49	5/6/2005	9.40	---	0.00	---	17.30	0.00	974.09
GMA1-20	983.49	5/13/2005	9.71	---	0.00	---	17.30	0.00	973.78
GMA1-20	983.49	5/20/2005	10.05	---	0.00	---	17.30	0.00	973.44
GMA1-20	983.49	5/27/2005	9.70	---	0.00	---	17.30	0.00	973.79
GMA1-21	985.68	5/6/2005	11.60	---	0.00	---	19.54	0.00	974.08
GMA1-21	985.68	5/13/2005	11.90	---	0.00	---	19.55	0.00	973.78
GMA1-21	985.68	5/20/2005	12.15	---	0.00	---	19.54	0.00	973.53
GMA1-21	985.68	5/27/2005	11.85	---	0.00	---	19.54	0.00	973.83
HR-G2-MW-1	982.60	5/20/2005	10.30	---	0.00	---	18.24	0.00	972.30
HR-G2-MW-2	981.39	5/20/2005	8.05	---	0.00	---	17.67	0.00	973.34
HR-G2-MW-3	987.14	5/20/2005	14.25	---	0.00	---	22.00	0.00	972.89
HR-G2-RW-1	976.88	5/20/2005	5.81	5.80	0.01	---	18.72	0.00	972.55
RW-1(S)	987.23	5/4/2005	18.80	P	< 0.01	---	28.60	0.00	968.43
RW-1(S)	987.23	5/12/2005	18.55	---	0.00	P	28.60	< 0.01	968.68

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2005

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
RW-1(S)	987.23	5/17/2005	19.20	19.19	0.01	P	28.60	< 0.01	968.04
RW-1(S)	987.23	5/25/2005	19.10	---	0.00	---	28.60	0.00	968.13
RW-1(X)	982.68	5/4/2005	14.49	---	0.00	---	20.80	0.00	968.19
RW-1(X)	982.68	5/12/2005	14.00	---	0.00	---	20.80	0.00	968.68
RW-1(X)	982.68	5/17/2005	14.18	---	0.00	---	20.80	0.00	968.50
RW-1(X)	982.68	5/25/2005	14.00	---	0.00	---	20.80	0.00	968.68
RW-2(X)	985.96	5/4/2005	12.29	---	0.00	---	15.30	0.00	973.67
RW-2(X)	985.96	5/12/2005	12.65	---	0.00	---	15.30	0.00	973.31
RW-2(X)	985.96	5/17/2005	12.10	---	0.00	---	15.30	0.00	973.86
RW-2(X)	985.96	5/25/2005	18.80	---	0.00	---	15.30	0.00	967.16
RW-3(X)	980.28	5/4/2005	7.63	---	0.00	42.20	44.40	2.20	972.65
RW-3(X)	980.28	5/12/2005	8.10	---	0.00	42.20	44.40	2.20	972.18
RW-3(X)	980.28	5/17/2005	7.40	---	0.00	42.38	44.40	2.02	972.88
RW-3(X)	980.28	5/25/2005	8.20	---	0.00	42.10	44.40	2.30	972.08
Housatonic River									
SG-HR-1	990.73	5/6/2005	15.73	See Note 7 regarding depth to water					975.00
SG-HR-1	990.73	5/13/2005	17.76	See Note 7 regarding depth to water					972.97
SG-HR-1	990.73	5/19/2005	19.25	See Note 7 regarding depth to water					971.48
SG-HR-1	990.73	5/25/2005	16.21	See Note 7 regarding depth to water					974.52

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
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.
9. LNAPL recovery testing was performed on 5/31/2005 at wells GMA1-15, GMA1-17W, and GMA1-19. LNAPL thickness data represents the initial measurements at these wells on that date.

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2005

Month / Year	Volume Water Pumped (gallon)	RW-1 DNAPL Recovered (gallon)	RW-1R LNAPL Recovered (gallon)	RW-3 LNAPL Recovered (gallon)
May 2003	281,349	--	--	10
June 2003	266,987	--	--	10
July 2003	244,776	--	--	10
August 2003	290,984	--	--	10
September 2003	309,162	--	--	20
October 2003	485,653	--	--	20
November 2003	363,979	--	--	10
December 2003	490,517	--	--	--
January 2004	299,584	--	--	--
February 2004	305,485	--	--	--
March 2004	409,514	--	--	--
April 2004	344,707	--	--	1
May 2004	307,361	--	--	--
June 2004	410,230	--	--	--
July 2004	328,363	--	--	--
August 2004	310,473	--	--	--
September 2004	499,209	--	1	20
October 2004	426,078	--	--	--
November 2004	421,409	--	--	12
December 2004	539,528	--	--	10
January 2005	443,634	--	--	10
February 2005	409,113	--	--	5
March 2005	455,192	--	--	5
April 2005	425,145	--	--	5
May 2005	357,497	--	--	5

Notes:
1. Volume of water pumped is total from Wells RW-1R, RW-2, and RW-3.
2. -- indicates LNAPL or DNAPL was not recovered by the system.
3. There was no downtime during May 2005.

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2005

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	May 2005 Removal (liters)
LS-31	5/25/2005	13.06	22.78	0.54	0.333	0.333
LS-38	5/25/2005	14.28	24.97	0.09	0.056	0.056
LSSC-07	5/6/2005	8.80	24.86	0.22	0.136	0.587
	5/13/2005	9.45	24.81	0.27	0.167	
	5/19/2005	9.65	24.85	0.23	0.142	
	5/25/2005	9.45	24.85	0.23	0.142	
LSSC-08I	5/6/2005	9.95	23.37	0.02	0.012	0.036
	5/19/2005	11.20	23.36	0.02	0.012	
	5/25/2005	10.73	23.37	0.02	0.012	
LSSC-16I	5/25/2005	7.81	28.39	0.15	0.093	0.093

Total Manual DNAPL Removal for May 2005: 1.105 liters
0.292 gallons

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

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2005

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
E-07	982.87	5/23/2005	6.85	---	0.00	---	19.71	0.00	976.02
EPA-01	983.04	5/23/2005	11.05	---	0.00	---	22.66	0.00	971.99
LS-24	986.58	5/23/2005	13.48	---	0.00	---	15.31	0.00	973.10
LS-30	986.440	5/25/2005	13.16	---	0.000	21.80	22.22	0.42	973.28
LS-31	987.090	5/25/2005	13.06	---	0.000	22.78	23.32	0.54	974.03
LS-38	986.95	5/25/2005	14.28	---	0.00	24.97	25.06	0.09	972.67
LS-44	980.78	5/23/2005	8.72	---	0.00	---	24.78	0.00	972.06
LSSC-07	982.48	5/6/2005	8.80	---	0.00	24.86	25.08	0.22	973.68
LSSC-07	982.48	5/13/2005	9.45	---	0.00	24.81	25.08	0.27	973.03
LSSC-07	982.48	5/19/2005	9.65	---	0.00	24.85	25.08	0.23	972.83
LSSC-07	982.48	5/25/2005	9.45	---	0.00	24.85	25.08	0.23	973.03
LSSC-08I	983.13	5/6/2005	9.95	---	0.00	23.37	23.39	0.02	973.18
LSSC-08I	983.13	5/13/2005	10.85	---	0.00	---	23.40	0.00	972.28
LSSC-08I	983.13	5/19/2005	11.20	---	0.00	23.36	23.38	0.02	971.93
LSSC-08I	983.13	5/25/2005	10.73	---	0.00	23.37	23.39	0.02	972.40
LSSC-08S	983.11	5/23/2005	11.21	---	0.00	---	14.69	0.00	971.90
LSSC-16I	980.88	5/25/2005	7.81	---	0.00	28.39	28.54	0.15	973.07
LSSC-18	987.32	5/23/2005	14.14	---	0.00	---	18.59	0.00	973.18
LSSC-32	980.68	5/23/2005	8.25	---	0.00	---	35.26	0.00	972.43
LSSC-33	980.49	5/23/2005	7.95	---	0.00	---	29.77	0.00	972.54
MW-6R	985.14	5/23/2005	10.31	---	0.00	---	13.94	0.00	974.83
RW-1	984.88	5/4/2005	11.95	---	0.00	P	21.00	< 0.01	972.93
RW-1	984.88	5/12/2005	11.70	---	0.00	P	21.00	< 0.01	973.18
RW-1	984.88	5/17/2005	11.70	---	0.00	P	21.00	< 0.01	973.18
RW-1	984.88	5/25/2005	12.10	---	0.00	P	21.00	< 0.01	972.78
RW-1 (R)	985.07	5/4/2005	15.82	---	0.00	P	20.42	< 0.01	969.25
RW-1 (R)	985.07	5/12/2005	15.55	---	0.00	20.22	20.42	0.20	969.52
RW-1 (R)	985.07	5/17/2005	15.70	---	0.00	P	20.42	< 0.01	969.37
RW-1 (R)	985.07	5/25/2005	15.60	---	0.00	20.00	20.42	0.42	969.47
RW-2	987.82	5/4/2005	19.76	---	0.00	---	21.75	0.00	968.06
RW-2	987.82	5/12/2005	15.05	---	0.00	---	21.75	0.00	972.77
RW-2	987.82	5/17/2005	13.58	---	0.00	---	21.75	0.00	974.24
RW-2	987.82	5/25/2005	15.60	---	0.00	---	21.75	0.00	972.22
RW-3	984.08	5/4/2005	16.85	16.75	0.10	---	21.57	0.00	967.32
RW-3	984.08	5/12/2005	16.64	16.50	0.14	---	21.57	0.00	967.57
RW-3	984.08	5/17/2005	16.95	16.71	0.24	---	21.57	0.00	967.35
RW-3	984.08	5/25/2005	16.95	16.75	0.20	---	21.57	0.00	967.32
Housatonic River (Lyman Street Bridge)									
BM-2A	986.32	5/6/2005	12.55	See Note 4 regarding depth to water					973.77
BM-2A	986.32	5/13/2005	13.90	See Note 4 regarding depth to water					972.42
BM-2A	986.32	5/19/2005	14.85	See Note 4 regarding depth to water					971.47
BM-2A	986.32	5/25/2005	11.52	See Note 4 regarding depth to water					974.80

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2005

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2005

Recovery System	Date	Total Gallons Recovered
System 1 [(1)]	May 2004	16.0
	June 2004	16.5
	July 2004	14.3
	August 2004	14.6
	September 2004	16.5
	October 2004	11.0
	November 2004	15.4
	December 2004	15.4
	January 2005 [(3)]	8.8
	February 2005	13.2
	March 2005	17.3
	April 2005	24.2
	May 2005	9.9
System 2 [(2)]	May 2004	138.8
	June 2004	97.2
	July 2004	16.2
	August 2004	226.0
	September 2004	129.6
	October 2004	78.2
	November 2004	81.0
	December 2004	64.8
	January 2005 [(3)]	157.2
	February 2005	126.9
	March 2005	16.2
	April 2005	16.2
	May 2005	145.8
Total Automated DNAPL Removal for May 2005:		**155.7 Gallons**

Notes:
1. System 1 wells are NS-15, NS-30, and NS-32.
2. System 2 wells are N2SC-01I, N2SC-03I, and N2SC-14.
3. In January 2005, System 2 malfunctioned during weeks 2 and 3, pumping mostly water. The volume reported for those two weeks is an estimated quantity that was included in the total volume removed.
4. The automated recovery systems were inactive from April 21, 2005 through May 8, 2005 to allow for DNAPL recovery tests at the individual wells.

TABLE 21-13
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

CONSENT DECREE MONTHLY STATUS REPORT
GROUNDWATER MANAGEMENT AREA 1 - NEWELL STREET AREA II
MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL
May 2005

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	May 2005 Removal (liters)
N2SC-01I	5/2/2005	12.20	38.40	3.19	1.970	11.030
	5/3/2005	12.15	38.60	2.98	3.130	
	5/4/2005	12.22	38.84	2.74	3.000	
	5/5/2005	11.88	38.92	2.68	2.930	
N2SC-03I	5/2/2005	12.07	37.65	3.04	1.880	6.842
	5/3/2005	12.10	38.08	2.60	2.257	
	5/4/2005	12.17	39.44	1.26	1.624	
	5/5/2005	11.87	39.52	1.18	1.081	
N2SC-07	5/25/2005	11.10	38.05	0.11	0.068	0.068
N2SC-08	5/2/2005	11.54	42.40	0.19	0.117	1.049
	5/3/2005	11.50	42.37	0.22	0.136	
	5/4/2005	11.61	42.58	0.01	0.006	
	5/25/2005	11.90	41.30	1.28	0.790	
N2SC-14	5/2/2005	13.50	38.58	1.70	9.558	34.038
	5/3/2005	13.41	38.58	1.70	9.861	
	5/4/2005	13.55	38.67	1.61	8.449	
	5/5/2005	13.19	38.66	1.62	6.170	
NS-15	5/2/2005	11.42	39.15	0.28	0.173	0.371
	5/3/2005	11.36	39.29	0.14	0.086	
	5/4/2005	11.44	39.34	0.09	0.056	
	5/5/2005	11.09	39.34	0.09	0.056	
NS-30	5/2/2005	12.91	38.45	0.03	0.019	0.031
	5/3/2005	12.86	38.47	0.01	0.006	
	5/5/2005	12.56	38.47	0.01	0.006	
NS-32	5/2/2005	13.04	41.02	0.02	0.010	0.010

Total DNAPL Removal for May 2005: 53.439 liters
14.100 gallons

Notes:

1. ft BMP - feet Below Measuring Point.
2. DNAPL recovery testing was performed from 5/2/2005 to 5/5/2005 at wells N2SC-01I, N2SC-03I, N2SC-08, N2SC-14, NS-15, NS-30, and NS-32.
   DNAPL thickness data represents the initial measurements on each date.
   DNAPL removal data represents the total volume recovered on each date.

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2005

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
N2SC-01I	984.99	5/2/2005	12.20	---	0.00	38.40	41.59	3.19	972.79
N2SC-01I	984.99	5/3/2005	12.15	---	0.00	38.60	41.58	2.98	972.84
N2SC-01I	984.99	5/4/2005	12.22	---	0.00	38.84	41.58	2.74	972.77
N2SC-01I	984.99	5/5/2005	11.88	---	0.00	38.92	41.60	2.68	973.11
N2SC-01S	985.10	5/18/2005	9.50	---	0.00	---	21.59	0.00	975.60
N2SC-02	985.56	5/25/2005	12.26	---	0.00	---	40.44	0.00	973.30
N2SC-03I	985.33	5/2/2005	12.07	---	0.00	37.65	40.69	3.04	973.26
N2SC-03I	985.33	5/3/2005	12.10	---	0.00	38.08	40.68	2.60	973.23
N2SC-03I	985.33	5/4/2005	12.17	---	0.00	39.44	40.70	1.26	973.16
N2SC-03I	985.33	5/5/2005	11.87	---	0.00	39.52	40.70	1.18	973.46
N2SC-03S	985.18	5/18/2005	8.60	---	0.00	---	21.50	0.00	976.58
N2SC-06	985.27	5/19/2005	12.42	---	0.00	---	34.83	0.00	972.85
N2SC-07	984.61	5/25/2005	11.10	---	0.00	38.05	38.16	0.11	973.51
N2SC-08	986.07	5/2/2005	11.54	---	0.00	42.40	42.59	0.19	974.53
N2SC-08	986.07	5/3/2005	11.50	---	0.00	42.37	42.59	0.22	974.57
N2SC-08	986.07	5/4/2005	11.61	---	0.00	42.58	42.59	0.01	974.46
N2SC-08	986.07	5/5/2005	11.40	---	0.00	---	42.59	0.00	974.67
N2SC-08	986.07	5/25/2005	11.90	---	0.00	41.30	42.58	1.28	NM
N2SC-11	988.08	5/19/2005	11.50	---	0.00	---	37.40	0.00	976.58
N2SC-13S	985.15	5/23/2005	8.30	---	0.00	---	16.15	0.00	976.85
N2SC-14	985.06	5/2/2005	13.50	---	0.00	38.58	40.28	1.70	971.56
N2SC-14	985.06	5/3/2005	13.41	---	0.00	38.58	40.28	1.70	971.65
N2SC-14	985.06	5/4/2005	13.55	---	0.00	38.67	40.28	1.61	971.51
N2SC-14	985.06	5/5/2005	13.19	---	0.00	38.66	40.28	1.62	971.87
N2SC-15	985.58	5/23/2005	11.61	---	0.00	---	41.48	0.00	973.97
NS-1	983.40	5/19/2005	11.50	---	0.00	---	17.40	0.00	971.90
NS-11	984.54	5/23/2005	DRY	---	0.00	---	9.30	0.00	< 975.24
NS-15	982.76	5/2/2005	11.42	---	0.00	39.15	39.43	0.28	971.34
NS-15	982.76	5/3/2005	11.36	---	0.00	39.29	39.43	0.14	971.40
NS-15	982.76	5/4/2005	11.44	---	0.00	39.34	39.43	0.09	971.32
NS-15	982.76	5/5/2005	11.09	---	0.00	39.34	39.43	0.09	971.67
NS-18	985.20	5/19/2005	NM	---	0.00	---	17.70	0.00	NM
NS-19	985.72	5/19/2005	10.60	---	0.00	---	18.12	0.00	975.12
NS-21	983.39	5/16/2005	9.75	---	0.00	---	17.59	0.00	973.64
NS-24	984.37	5/17/2005	10.52	---	0.00	---	17.87	0.00	973.85
NS-30	985.99	5/2/2005	12.91	---	0.00	38.45	38.48	0.03	973.08
NS-30	985.99	5/3/2005	12.86	---	0.00	38.47	38.48	0.01	973.13
NS-30	985.99	5/4/2005	13.08	---	0.00	---	38.48	0.00	972.91
NS-30	985.99	5/5/2005	12.56	---	0.00	38.47	38.48	0.01	973.43
NS-31	986.05	5/20/2005	13.40	---	0.00	---	38.45	0.00	972.65
NS-32	986.20	5/2/2005	13.04	---	0.00	41.02	41.04	0.02	973.16
NS-32	986.20	5/3/2005	13.01	---	0.00	---	41.04	0.00	973.19
NS-32	986.20	5/4/2005	12.89	---	0.00	---	41.04	0.00	973.31
NS-32	986.20	5/5/2005	12.70	---	0.00	---	41.16	0.00	973.50
NS-33	987.21	5/18/2005	11.80	---	0.00	---	17.91	0.00	975.41
NS-34	986.81	5/19/2005	13.74	---	0.00	---	36.71	0.00	973.07
NS-35	982.99	5/20/2005	9.70	---	0.00	---	31.39	0.00	973.29
NS-36	985.20	5/17/2005	11.60	---	0.00	---	19.40	0.00	973.60

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2005

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity.
3. NM indicates information not measured.
4. DNAPL recovery testing was performed from 5/2/2005 to 5/5/2005 at wells N2SC-01I, N2SC-03I, N2SC-08, N2SC-14, NS-15, NS-30, and NS-32.
   DNAPL thickness data represents the initial measurements at these wells on each date.

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2005

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	5/26/2005	4.60	---	0.00	---	36.98	0.00	978.53
SLGW-01S	982.94	5/26/2005	7.10	---	0.00	---	16.25	0.00	975.84
SLGW-02D	985.10	5/26/2005	7.40	---	0.00	---	36.86	0.00	977.70
SLGW-02S	985.39	5/26/2005	8.01	---	0.00	---	16.76	0.00	977.38
SLGW-03D	979.14	5/26/2005	1.24	---	0.00	---	32.05	0.00	977.90
SLGW-03S	980.21	5/26/2005	4.20	---	0.00	---	14.63	0.00	976.01
SLGW-04D	983.51	5/26/2005	6.05	---	0.00	---	37.09	0.00	977.46
SLGW-04S	984.02	5/26/2005	8.12	---	0.00	---	16.69	0.00	975.90
SLGW-05D	979.30	5/26/2005	3.41	---	0.00	---	34.92	0.00	975.89
SLGW-05S	979.12	5/26/2005	3.28	---	0.00	---	11.68	0.00	975.84
SLGW-06D	981.63	5/26/2005	5.58	---	0.00	---	34.98	0.00	976.05
SLGW-06S	981.66	5/26/2005	5.55	---	0.00	---	13.76	0.00	976.11
Staff Gauge within Silver Lake									
Silver Lake Gauge	NA	5/6/2005	4.44	See Note 4 regarding depth to water					NA
Silver Lake Gauge	NA	5/13/2005	4.51	See Note 4 regarding depth to water					NA
Silver Lake Gauge	NA	5/19/2005	4.55	See Note 4 regarding depth to water					NA
Silver Lake Gauge	NA	5/25/2005	4.48	See Note 4 regarding depth to water					NA

Notes:

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

ITEM 22
GROUNDWATER MANAGEMENT AREAS
FORMER OXBOWS J & K (GMA 2)
(GECD320)
MAY 2005

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

a. Activities Undertaken/Completed

Conducted monthly river elevation monitoring.

b. Sampling/Test Results Received

See attached table.

c. Work Plans/Reports/Documents Submitted

None

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

- Conduct monthly river elevation monitoring.
- Annual groundwater sampling anticipated to be conducted in October 2005.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 22-1
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 2

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2005

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Housatonic River (Foot Bridge)									
GMA2-SG-1	989.82	5/25/2005	15.17	See Note 2 regarding depth to water					974.65

Notes:

1. ft BMP - feet Below Measuring Point.
2. A survey reference point was established on the Oxbow J & K foot bridge. The "Depth to Water" value(s) provided in the above table refer to the vertical distance from the surveyed reference point to the water surface.

ITEM 23
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 2 (GMA 3)
(GECD330)
MAY 2005

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

a. Activities Undertaken/Completed

- Conducted routine groundwater elevation monitoring and NAPL monitoring/removal activities. Approximately 9.1 liters (2.4 gallons) of LNAPL were removed by the automatic skimmer located in well 51-21 and an additional 11.0 liters (2.9 gallons) of LNAPL were manually removed from the wells in this area (see Table 23-4).

- Completed spring 2005 groundwater sampling event.

- Conducted LNAPL sampling and analysis activities at monitoring wells GMA3-10 and UB-MW-8.

- Conducted LNAPL recovery testing at wells GMA3-12 and GMA3-13.

b. Sampling/Test Results Received

- See attached tables.

- Preliminary analytical results received in May 2005 from the spring 2005 GMA 3 baseline groundwater quality monitoring activities are shown in Table 23-2. These preliminary results have been compared to the current Method 1 GW-2 and GW-3 groundwater standards and UCLs for groundwater set forth in the MCP. These comparisons indicate the following:

  - The MCP UCL for chlorobenzene in groundwater (10 ppm) was exceeded in the samples from monitoring wells 89A and 114A. Similar exceedances were previously observed in these wells.

  - There were no other exceedances of UCLs in any of the groundwater sample results received in May 2005.

  - The MCP GW-2 standards were not exceeded in any of the GW-2 groundwater sample results received in May 2005.

  - The MCP GW-3 standard for chlorobenzene (0.5 ppm) was exceeded in the samples from GW-3 monitoring wells 89B and 114B-R. Similar exceedances were previously observed in these wells.

ITEM 23
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 2 (GMA 3)
(GECD330)
MAY 2005

b. Sampling/Test Results Received (cont'd)

- Although wells 89A and 114A are 50-foot-deep natural attenuation wells and not monitoring points for GW-3 standards, we note, for completeness, that the concentrations of chlorobenzene in the samples from those wells were greater than the MCP GW-3 standards. The chlorobenzene concentrations at these locations were also greater than MCP UCL for chlorobenzene in groundwater, as discussed above. This was also true in previous sampling events.

- No other MCP GW-3 standards were exceeded in any of the groundwater sample results received in May 2005.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue ongoing groundwater and NAPL monitoring and recovery activities.

- Inspect manholes along Plastics Avenue for the presence of LNAPL (see Item 23.f).

- Evaluate NAPL thickness and groundwater elevation and analytical data and work on preparation of spring 2005 monitoring report.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

LNAPL was observed in monitoring well GMA3-13 during the initial monitoring round on April 19, 2005. The LNAPL was removed from the well and EPA and MDEP were contacted regarding this observation. Per the Plant Site NAPL monitoring protocols, this well has been monitored on a weekly basis. GE will also perform a visual inspection of the sanitary sewer line in this area at manholes located along Plastics Avenue, including sampling of water, NAPL, and/or sediment if NAPL is observed during these inspections. GE will evaluate additional potential response actions and, if any are determined to be warranted, will submit a proposal for EPA approval.

TABLE 23-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2005

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
NAPL Sampling	GMA3-10	5/12/05	Oil	SGS	VOC	5/27/05
NAPL Sampling	UB-PZ-3	5/12/05	Oil	SGS	VOC	5/27/05
Semi-Annual Groundwater Sampling	111A-R	4/14/05	Water	SGS	VOC, Natural Attenuation	5/5/05
Semi-Annual Groundwater Sampling	111B-R	4/21/05	Water	SGS	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), CN, CN (f), Sulfide, PCDD/PCDF, Natural Attenuation	5/12/05
Semi-Annual Groundwater Sampling	114A	4/21/05	Water	SGS	VOC, Natural Attenuation	5/12/05
Semi-Annual Groundwater Sampling	114B-R	4/21/05	Water	SGS	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), CN, CN (f), Sulfide, PCDD/PCDF, Pest, Herb, Natural Attenuation	5/12/05
Semi-Annual Groundwater Sampling	16C-R	5/2/05	Water	SGS	Alkanity, Chloride, Nitrite, Nitrate, DOC, Iron, Sulfate	Cancel
Semi-Annual Groundwater Sampling	16C-R	4/27/05	Water	SGS	VOC, Natural Attenuation	5/16/05
Semi-Annual Groundwater Sampling	39E	4/13/05	Water	SGS	VOC, Natural Attenuation	5/4/05
Semi-Annual Groundwater Sampling	43A	4/12/05	Water	SGS	VOC, Natural Attenuation	5/2/05
Semi-Annual Groundwater Sampling	51-14	4/15/05	Water	SGS	VOC	5/2/05
Semi-Annual Groundwater Sampling	54B-R	4/27/05	Water	SGS	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), CN, CN (f), Sulfide, PCDD/PCDF, Pest, Herb	5/16/05
Semi-Annual Groundwater Sampling	89A	5/2/05	Water	SGS	VOC, Natural Attenuation	5/23/05
Semi-Annual Groundwater Sampling	89B	5/3/05	Water	SGS	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), CN, CN (f), Sulfide, PCDD/PCDF, Pest, Herb, Natural Attenuation	5/23/05
Semi-Annual Groundwater Sampling	89D-R	5/2/05	Water	SGS	Alkanity, Chloride, Nitrite, Nitrate, DOC, Iron, Sulfate	5/23/05
Semi-Annual Groundwater Sampling	89D-R	4/26/05	Water	SGS	VOC, Ethene, Ethane, Methane	5/16/05
Semi-Annual Groundwater Sampling	90A	4/14/05	Water	SGS	VOC, Natural Attenuation	5/5/05
Semi-Annual Groundwater Sampling	90B	4/14/05	Water	SGS	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), CN, CN (f), Sulfide, PCDD/PCDF, Pest, Herb, Natural Attenuation	5/5/05
Semi-Annual Groundwater Sampling	95A	4/22/05	Water	SGS	VOC, SVOC, Natural Attenuation	5/12/05
Semi-Annual Groundwater Sampling	95B-R	4/21/05	Water	SGS	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), CN, CN (f), Sulfide, PCDD/PCDF, Pest, Herb, Natural Attenuation	5/12/05
Semi-Annual Groundwater Sampling	DUP-3 (GMA3-4)	4/12/05	Water	SGS	VOC	5/2/05
Semi-Annual Groundwater Sampling	GMA3-3	4/13/05	Water	SGS	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), CN, CN (f), Sulfide, PCDD/PCDF, Pest, Herb	5/4/05
Semi-Annual Groundwater Sampling	GMA3-4	4/12/05	Water	SGS	VOC	5/2/05
Semi-Annual Groundwater Sampling	GMA3-5	4/13/05	Water	SGS	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), CN, CN (f), Sulfide, PCDD/PCDF	5/4/05
Semi-Annual Groundwater Sampling	GMA3-6	4/12/05	Water	SGS	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), CN, CN (f), Sulfide, PCDD/PCDF	5/2/05
Semi-Annual Groundwater Sampling	GMA3-9	4/12/05	Water	SGS	VOC	5/2/05
Semi-Annual Groundwater Sampling	GMA3-DUP-1 (89B)	5/3/05	Water	SGS	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), CN, CN (f), Sulfide, PCDD/PCDF, Pest, Herb, Natural Attenuation	5/23/05
Semi-Annual Groundwater Sampling	OBG-2	4/14/05	Water	SGS	VOC	5/5/05

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

TABLE 23-2
DATA RECEIVED DURING MAY 2005

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

Parameter / Sample ID: / Date Collected:	16C-R 04/27/05	39E 04/13/05	43A 04/12/05	51-14 04/15/05	54B-R 04/27/05
Volatile Organics					
1,1,2,2-Tetrachloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,4-Dioxane	ND(0.20)	ND(0.20)	0.077 J	ND(0.20)	ND(0.20)
Acetone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzene	0.0039 J	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.0036 J	ND(0.0050)
Chlorobenzene	0.013	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	0.00064 J	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene Chloride	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Toluene	0.0026 J	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.0060
trans-1,2-Dichloroethene	0.00096 J	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	0.0020 J	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichlorofluoromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Total VOCs	0.023 J	ND(0.20)	0.077 J	0.0036 J	0.0060
PCBs-Unfiltered					
Aroclor-1254	NA	NA	NA	NA	ND(0.000065)
Aroclor-1260	NA	NA	NA	NA	ND(0.000065)
Total PCBs	NA	NA	NA	NA	ND(0.000065)
PCBs-Filtered					
Aroclor-1254	NA	NA	NA	NA	ND(0.000065)
Aroclor-1260	NA	NA	NA	NA	ND(0.000065)
Total PCBs	NA	NA	NA	NA	ND(0.000065)
Semivolatile Organics					
1,2,4-Trichlorobenzene	NA	NA	NA	ND(0.0050)	ND(0.010)
1,2-Dichlorobenzene	NA	NA	NA	ND(0.0050)	ND(0.010)
1,3-Dichlorobenzene	NA	NA	NA	ND(0.0050)	ND(0.010)
1,4-Dichlorobenzene	NA	NA	NA	ND(0.0050)	ND(0.010)
2-Chlorophenol	NA	NA	NA	NA	ND(0.010)
Acenaphthene	NA	NA	NA	NA	ND(0.010)
Naphthalene	NA	NA	NA	ND(0.0050)	ND(0.010)
Organochlorine Pesticides					
None Detected	NA	NA	NA	NA	--
Organophosphate Pesticides					
None Detected	NA	NA	NA	NA	--
Herbicides					
None Detected	NA	NA	NA	NA	--
Furans					
2,3,7,8-TCDF	NA	NA	NA	NA	ND(0.0000000021)
TCDFs (total)	NA	NA	NA	NA	ND(0.0000000021)
1,2,3,7,8-PeCDF	NA	NA	NA	NA	ND(0.0000000018)
2,3,4,7,8-PeCDF	NA	NA	NA	NA	ND(0.0000000017)
PeCDFs (total)	NA	NA	NA	NA	ND(0.0000000022)
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	ND(0.0000000017)
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	ND(0.0000000017)
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	ND(0.0000000019)
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	ND(0.0000000018)
HxCDFs (total)	NA	NA	NA	NA	ND(0.0000000019)
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	ND(0.0000000033)
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	ND(0.0000000012)
HpCDFs (total)	NA	NA	NA	NA	ND(0.0000000044)
OCDF	NA	NA	NA	NA	ND(0.0000000055)

TABLE 23-2
DATA RECEIVED DURING MAY 2005

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

Parameter / Sample ID: / Date Collected:	16C-R 04/27/05	39E 04/13/05	43A 04/12/05	51-14 04/15/05	54B-R 04/27/05
Dioxins					
2,3,7,8-TCDD	NA	NA	NA	NA	ND(0.0000000019)
TCDDs (total)	NA	NA	NA	NA	ND(0.0000000019)
1,2,3,7,8-PeCDD	NA	NA	NA	NA	ND(0.0000000026)
PeCDDs (total)	NA	NA	NA	NA	ND(0.0000000026)
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	ND(0.0000000018)
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	ND(0.0000000017)
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	ND(0.0000000016)
HxCDDs (total)	NA	NA	NA	NA	ND(0.0000000018)
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	ND(0.0000000046)
HpCDDs (total)	NA	NA	NA	NA	ND(0.0000000046)
OCDD	NA	NA	NA	NA	0.000000058 J
Total TEQs (WHO TEFs)	NA	NA	NA	NA	0.0000000035
Inorganics-Unfiltered					
Antimony	NA	NA	NA	NA	ND(0.0600)
Arsenic	NA	NA	NA	NA	ND(0.0100)
Barium	NA	NA	NA	NA	0.210
Beryllium	NA	NA	NA	NA	ND(0.00100)
Cadmium	NA	NA	NA	NA	ND(0.00500)
Chromium	NA	NA	NA	NA	ND(0.0100)
Cobalt	NA	NA	NA	NA	0.00170 B
Copper	NA	NA	NA	NA	0.00380 B
Cyanide	NA	NA	NA	NA	ND(0.0100)
Lead	NA	NA	NA	NA	ND(0.00300)
Mercury	NA	NA	NA	NA	ND(0.000200)
Nickel	NA	NA	NA	NA	ND(0.0400)
Selenium	NA	NA	NA	NA	ND(0.00500)
Silver	NA	NA	NA	NA	ND(0.00500)
Sulfide	NA	NA	NA	NA	3.20 B
Vanadium	NA	NA	NA	NA	0.00260 B
Zinc	NA	NA	NA	NA	0.00630 B
Inorganics-Filtered					
Antimony	NA	NA	NA	NA	ND(0.0600)
Arsenic	NA	NA	NA	NA	ND(0.0100)
Barium	NA	NA	NA	NA	0.160 B
Beryllium	NA	NA	NA	NA	ND(0.00100)
Cadmium	NA	NA	NA	NA	ND(0.00500)
Chromium	NA	NA	NA	NA	0.00220 B
Cobalt	NA	NA	NA	NA	0.00420 B
Copper	NA	NA	NA	NA	0.00620 B
Cyanide	NA	NA	NA	NA	ND(0.0100)
Lead	NA	NA	NA	NA	ND(0.00300)
Mercury	NA	NA	NA	NA	ND(0.000200)
Nickel	NA	NA	NA	NA	0.00400 B
Selenium	NA	NA	NA	NA	ND(0.00500)
Silver	NA	NA	NA	NA	0.00290 B
Vanadium	NA	NA	NA	NA	ND(0.0500)
Zinc	NA	NA	NA	NA	0.0100 B
Natural Attenuation Parameters					
Alkalinity (Total)	130	43.0	350	NA	NA
Chloride	9.0	62	40	NA	NA
Dissolved Organic Carbon	1.00	1.40	ND(1.00)	NA	NA
Dissolved Iron	0.0480 B	0.0900	ND(0.0500)	NA	NA
Ethane	ND(0.0040)	ND(0.0040)	ND(0.0040)	NA	NA
Ethene	ND(0.0030)	ND(0.0030)	ND(0.0030)	NA	NA
Methane	ND(0.00200)	0.140	0.0830	NA	NA
Nitrate Nitrogen	0.0690	0.840	ND(0.0500)	NA	NA
Nitrite Nitrogen	0.0140 B	0.00770 B	ND(0.0500)	NA	NA
Sulfate (turbidimetric)	3.20	4.90	43.0	NA	NA

TABLE 23-2
DATA RECEIVED DURING MAY 2005

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

Parameter / Sample ID: / Date Collected:	89A 05/02/05	89B 05/03/05	89D-R 4/26-5/2/2005
Volatile Organics			
1,1,2,2-Tetrachloroethane	ND(1.0)	ND(0.10) [ND(0.10)]	ND(0.010)
1,4-Dioxane	ND(1.0)	ND(0.20) [ND(0.20)]	ND(0.20)
Acetone	ND(1.0)	ND(0.10) [ND(0.10)]	ND(0.010)
Benzene	5.5	0.16 [0.17]	0.15
Carbon Disulfide	ND(1.0)	ND(0.10) [ND(0.10)]	ND(0.010)
Carbon Tetrachloride	ND(1.0)	ND(0.10) [ND(0.10)]	ND(0.010)
Chlorobenzene	16	1.4 [1.3]	0.45
Chloroform	ND(1.0)	ND(0.10) [ND(0.10)]	0.024
Methylene Chloride	ND(1.0)	ND(0.10) [ND(0.10)]	ND(0.010)
Toluene	ND(1.0)	ND(0.10) [ND(0.10)]	ND(0.010)
trans-1,2-Dichloroethene	ND(1.0)	ND(0.10) [ND(0.10)]	ND(0.010)
Trichloroethene	ND(1.0)	ND(0.10) [ND(0.10)]	ND(0.010)
Trichlorofluoromethane	ND(1.0)	ND(0.10) [ND(0.10)]	ND(0.010)
Total VOCs	22	1.6 [1.5]	0.62
PCBs-Unfiltered			
Aroclor-1254	NA	ND(0.000065) [0.000075]	NA
Aroclor-1260	NA	ND(0.000065) [ND(0.000065)]	NA
Total PCBs	NA	ND(0.000065) [0.000075]	NA
PCBs-Filtered			
Aroclor-1254	NA	ND(0.000065) [ND(0.000065)]	NA
Aroclor-1260	NA	ND(0.000065) [ND(0.000065)]	NA
Total PCBs	NA	ND(0.000065) [ND(0.000065)]	NA
Semivolatile Organics			
1,2,4-Trichlorobenzene	NA	ND(0.010) [ND(0.010)]	NA
1,2-Dichlorobenzene	NA	ND(0.010) [0.0012 J]	NA
1,3-Dichlorobenzene	NA	ND(0.010) [ND(0.010)]	NA
1,4-Dichlorobenzene	NA	0.0060 J [0.0073 J]	NA
2-Chlorophenol	NA	0.0049 J [0.0068 J]	NA
Acenaphthene	NA	ND(0.010) [ND(0.010)]	NA
Naphthalene	NA	0.0033 J [0.0042 J]	NA
Organochlorine Pesticides			
None Detected	NA	--	NA
Organophosphate Pesticides			
None Detected	NA	--	NA
Herbicides			
None Detected	NA	--	NA
Furans			
2,3,7,8-TCDF	NA	ND(0.0000000017) [ND(0.0000000020)]	NA
TCDFs (total)	NA	ND(0.0000000017) [ND(0.0000000032)]	NA
1,2,3,7,8-PeCDF	NA	ND(0.0000000013) [ND(0.0000000016)]	NA
2,3,4,7,8-PeCDF	NA	ND(0.0000000013) [ND(0.0000000016)]	NA
PeCDFs (total)	NA	ND(0.0000000017) [ND(0.0000000020)]	NA
1,2,3,4,7,8-HxCDF	NA	ND(0.0000000017) [ND(0.0000000017)]	NA
1,2,3,6,7,8-HxCDF	NA	ND(0.0000000017) [ND(0.0000000017)]	NA
1,2,3,7,8,9-HxCDF	NA	ND(0.0000000019) [ND(0.0000000019)]	NA
2,3,4,6,7,8-HxCDF	NA	ND(0.0000000018) [ND(0.0000000019)]	NA
HxCDFs (total)	NA	ND(0.0000000019) [ND(0.0000000019)]	NA
1,2,3,4,6,7,8-HpCDF	NA	ND(0.0000000026) [ND(0.0000000018)]	NA
1,2,3,4,7,8,9-HpCDF	NA	ND(0.0000000010) [ND(0.0000000010)]	NA
HpCDFs (total)	NA	ND(0.0000000026) [ND(0.0000000018)]	NA
OCDF	NA	ND(0.0000000032) [ND(0.0000000023)]	NA

TABLE 23-2
DATA RECEIVED DURING MAY 2005

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

Parameter / Sample ID: / Date Collected:	89A 05/02/05	89B 05/03/05	89D-R 4/26-5/2/2005
Dioxins			
2,3,7,8-TCDD	NA	ND(0.0000000011) [ND(0.0000000014)]	NA
TCDDs (total)	NA	ND(0.0000000011) [ND(0.0000000014)]	NA
1,2,3,7,8-PeCDD	NA	ND(0.0000000022) [ND(0.0000000029)]	NA
PeCDDs (total)	NA	ND(0.0000000022) [ND(0.0000000029)]	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.0000000015) [ND(0.0000000020)]	NA
1,2,3,6,7,8-HxCDD	NA	ND(0.0000000014) [ND(0.0000000019)]	NA
1,2,3,7,8,9-HxCDD	NA	ND(0.0000000014) [ND(0.0000000018)]	NA
HxCDDs (total)	NA	ND(0.0000000015) [ND(0.0000000020)]	NA
1,2,3,4,6,7,8-HpCDD	NA	ND(0.0000000052) [ND(0.0000000061)]	NA
HpCDDs (total)	NA	ND(0.0000000062) [ND(0.0000000065)]	NA
OCDD	NA	ND(0.000000035) [ND(0.000000051)]	NA
Total TEQs (WHO TEFs)	NA	0.0000000027 [0.0000000034]	NA
Inorganics-Unfiltered			
Antimony	NA	0.00770 B [ND(0.0600)]	NA
Arsenic	NA	ND(0.0100) [ND(0.0100)]	NA
Barium	NA	0.0630 B [0.0590 B]	NA
Beryllium	NA	ND(0.00100) [ND(0.00100)]	NA
Cadmium	NA	ND(0.00500) [ND(0.00500)]	NA
Chromium	NA	ND(0.0100) [ND(0.0100)]	NA
Cobalt	NA	ND(0.0500) [ND(0.0500)]	NA
Copper	NA	ND(0.0250) [ND(0.0250)]	NA
Cyanide	NA	ND(0.0100) [ND(0.0100)]	NA
Lead	NA	ND(0.00300) [ND(0.00300)]	NA
Mercury	NA	ND(0.000200) [ND(0.000200)]	NA
Nickel	NA	ND(0.0400) [ND(0.0400)]	NA
Selenium	NA	ND(0.00500) [ND(0.00500)]	NA
Silver	NA	ND(0.00500) [ND(0.00500)]	NA
Sulfide	NA	3.20 B [3.20 B]	NA
Vanadium	NA	0.00170 B [0.00140 B]	NA
Zinc	NA	0.00370 B [0.00270 B]	NA
Inorganics-Filtered			
Antimony	NA	ND(0.0600) [ND(0.0600)]	NA
Arsenic	NA	ND(0.0100) [ND(0.0100)]	NA
Barium	NA	0.0620 B [0.0630 B]	NA
Beryllium	NA	ND(0.00100) [ND(0.00100)]	NA
Cadmium	NA	ND(0.00500) [ND(0.00500)]	NA
Chromium	NA	ND(0.0100) [ND(0.0100)]	NA
Cobalt	NA	ND(0.0500) [ND(0.0500)]	NA
Copper	NA	ND(0.0250) [ND(0.0250)]	NA
Cyanide	NA	ND(0.0100) [ND(0.0100)]	NA
Lead	NA	ND(0.00300) [ND(0.00300)]	NA
Mercury	NA	ND(0.000200) [ND(0.000200)]	NA
Nickel	NA	ND(0.0400) [ND(0.0400)]	NA
Selenium	NA	ND(0.00500) [ND(0.00500)]	NA
Silver	NA	ND(0.00500) [ND(0.00500)]	NA
Vanadium	NA	0.00180 B [0.00160 B]	NA
Zinc	NA	ND(0.0200) [0.00410 B]	NA
Natural Attenuation Parameters			
Alkalinity (Total)	340	270 [260]	330
Chloride	320	130 [110]	540
Dissolved Organic Carbon	11.0	6.90 [5.20]	7.60
Dissolved Iron	ND(0.0500)	5.60 [5.80]	ND(0.0500)
Ethane	0.023	ND(0.0040) [ND(0.0040)]	ND(0.0040)
Ethene	0.0054	ND(0.0030) [ND(0.0030)]	0.0032
Methane	1.40	2.80 [2.80]	0.00890
Nitrate Nitrogen	0.0170 B	0.0150 B [0.0510]	0.00480 B
Nitrite Nitrogen	ND(0.0500)	0.00790 B [0.0130 B]	ND(0.0500)
Sulfate (turbidimetric)	ND(2.00)	ND(2.00) [ND(2.00)]	18.0

TABLE 23-2
DATA RECEIVED DURING MAY 2005

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

Parameter / Sample ID: / Date Collected:	90A 04/14/05	90B 04/14/05	95A 04/22/05	95B-R 04/21/05
Volatile Organics				
1,1,2,2-Tetrachloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)
1,4-Dioxane	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
Acetone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.047
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)
Carbon Tetrachloride	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)
Chlorobenzene	ND(0.0050)	ND(0.0050)	0.00053 J	0.37
Chloroform	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)
Methylene Chloride	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)
Toluene	0.00072 J	ND(0.0050)	0.0038 J	ND(0.010)
trans-1,2-Dichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)
Trichlorofluoromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)
Total VOCs	0.00072 J	ND(0.20)	0.0043 J	0.42
PCBs-Unfiltered				
Aroclor-1254	NA	ND(0.000065)	NA	0.00010
Aroclor-1260	NA	ND(0.000065)	NA	ND(0.000065)
Total PCBs	NA	ND(0.000065)	NA	0.00010
PCBs-Filtered				
Aroclor-1254	NA	ND(0.000065)	NA	0.000060 J
Aroclor-1260	NA	ND(0.000065)	NA	ND(0.000065)
Total PCBs	NA	ND(0.000065)	NA	0.000060 J
Semivolatile Organics				
1,2,4-Trichlorobenzene	NA	ND(0.010)	NA	ND(0.010)
1,2-Dichlorobenzene	NA	ND(0.010)	NA	0.0012 J
1,3-Dichlorobenzene	NA	ND(0.010)	NA	ND(0.010)
1,4-Dichlorobenzene	NA	ND(0.010)	NA	0.0046 J
2-Chlorophenol	NA	ND(0.010)	ND(0.010)	ND(0.010)
Acenaphthene	NA	ND(0.010)	NA	ND(0.010)
Naphthalene	NA	ND(0.010)	NA	ND(0.010)
Organochlorine Pesticides				
None Detected	NA	--	NA	--
Organophosphate Pesticides				
None Detected	NA	--	NA	--
Herbicides				
None Detected	NA	--	NA	--
Furans				
2,3,7,8-TCDF	NA	ND(0.0000000079)	NA	ND(0.0000000018)
TCDFs (total)	NA	ND(0.0000000079)	NA	ND(0.0000000018)
1,2,3,7,8-PeCDF	NA	ND(0.000000011)	NA	ND(0.0000000040)
2,3,4,7,8-PeCDF	NA	ND(0.000000011)	NA	ND(0.0000000040)
PeCDFs (total)	NA	ND(0.000000011)	NA	ND(0.0000000040)
1,2,3,4,7,8-HxCDF	NA	ND(0.0000000082)	NA	ND(0.0000000037)
1,2,3,6,7,8-HxCDF	NA	ND(0.0000000067)	NA	ND(0.0000000030)
1,2,3,7,8,9-HxCDF	NA	ND(0.0000000090)	NA	ND(0.0000000040)
2,3,4,6,7,8-HxCDF	NA	ND(0.0000000080)	NA	ND(0.0000000036)
HxCDFs (total)	NA	ND(0.0000000090)	NA	ND(0.0000000040)
1,2,3,4,6,7,8-HpCDF	NA	ND(0.0000000067)	NA	ND(0.0000000044)
1,2,3,4,7,8,9-HpCDF	NA	ND(0.0000000084)	NA	ND(0.0000000056)
HpCDFs (total)	NA	ND(0.0000000084)	NA	ND(0.0000000056)
OCDF	NA	ND(0.000000014)	NA	ND(0.000000010)

TABLE 23-2
DATA RECEIVED DURING MAY 2005

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

Parameter / Sample ID: / Date Collected:	90A 04/14/05	90B 04/14/05	95A 04/22/05	95B-R 04/21/05
Dioxins				
2,3,7,8-TCDD	NA	ND(0.0000000082)	NA	ND(0.0000000027)
TCDDs (total)	NA	ND(0.0000000082)	NA	ND(0.0000000027)
1,2,3,7,8-PeCDD	NA	ND(0.000000016)	NA	ND(0.0000000058)
PeCDDs (total)	NA	ND(0.000000016)	NA	ND(0.0000000058)
1,2,3,4,7,8-HxCDD	NA	ND(0.000000012)	NA	ND(0.0000000068)
1,2,3,6,7,8-HxCDD	NA	ND(0.0000000093)	NA	ND(0.0000000052)
1,2,3,7,8,9-HxCDD	NA	ND(0.000000010)	NA	ND(0.0000000056)
HxCDDs (total)	NA	ND(0.000000012)	NA	ND(0.0000000068)
1,2,3,4,6,7,8-HpCDD	NA	ND(0.000000012)	NA	ND(0.0000000062)
HpCDDs (total)	NA	ND(0.000000012)	NA	ND(0.0000000062)
OCDD	NA	ND(0.000000013)	NA	ND(0.000000012)
Total TEQs (WHO TEFs)	NA	0.000000019	NA	0.0000000071
Inorganics-Unfiltered				
Antimony	NA	ND(0.0600)	NA	ND(0.0600)
Arsenic	NA	ND(0.0100)	NA	ND(0.0100)
Barium	NA	0.0210 B	NA	0.0770 B
Beryllium	NA	ND(0.00100)	NA	0.000350 B
Cadmium	NA	ND(0.00500)	NA	ND(0.00500)
Chromium	NA	0.00330 B	NA	ND(0.0100)
Cobalt	NA	ND(0.0500)	NA	ND(0.0500)
Copper	NA	ND(0.0250)	NA	ND(0.0250)
Cyanide	NA	ND(0.0100)	NA	ND(0.0100)
Lead	NA	ND(0.00300)	NA	ND(0.00300)
Mercury	NA	ND(0.000200)	NA	ND(0.000200)
Nickel	NA	0.00180 B	NA	ND(0.0400)
Selenium	NA	0.00730	NA	ND(0.00500)
Silver	NA	ND(0.00500)	NA	ND(0.00500)
Sulfide	NA	ND(5.00)	NA	3.20 B
Vanadium	NA	ND(0.0500)	NA	ND(0.0500)
Zinc	NA	0.00590 B	NA	0.00260 B
Inorganics-Filtered				
Antimony	NA	ND(0.0600)	NA	ND(0.0600)
Arsenic	NA	ND(0.0100)	NA	ND(0.0100)
Barium	NA	0.0210 B	NA	0.0760 B
Beryllium	NA	ND(0.00100)	NA	ND(0.00100)
Cadmium	NA	ND(0.00500)	NA	ND(0.00500)
Chromium	NA	0.00260 B	NA	ND(0.0100)
Cobalt	NA	ND(0.0500)	NA	ND(0.0500)
Copper	NA	ND(0.0250)	NA	ND(0.0250)
Cyanide	NA	ND(0.0100)	NA	ND(0.0100)
Lead	NA	ND(0.00300)	NA	ND(0.00300)
Mercury	NA	ND(0.000200)	NA	ND(0.000200)
Nickel	NA	ND(0.0400)	NA	ND(0.0400)
Selenium	NA	ND(0.00500)	NA	ND(0.00500)
Silver	NA	ND(0.00500)	NA	ND(0.00500)
Vanadium	NA	ND(0.0500)	NA	ND(0.0500)
Zinc	NA	ND(0.0200)	NA	ND(0.0200)
Natural Attenuation Parameters				
Alkalinity (Total)	160	140	100	180
Chloride	7.4	4.1	2.1	97
Dissolved Organic Carbon	0.810 B	6.40	0.930 B	3.40
Dissolved Iron	ND(0.0500)	2.60	0.720	0.820
Ethane	ND(0.0040)	ND(0.0040)	ND(0.0040)	ND(0.020)
Ethene	ND(0.0030)	ND(0.0030)	ND(0.0030)	ND(0.015)
Methane	0.0190	0.0340	0.270	0.600
Nitrate Nitrogen	0.0540	0.140	0.0190 B	0.0130 B
Nitrite Nitrogen	ND(0.0500)	0.00260 B	0.00370 B	0.00440 B
Sulfate (turbidimetric)	20.0	4.20	0.700 B	2.00 B

TABLE 23-2
DATA RECEIVED DURING MAY 2005

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

Parameter / Sample ID: / Date Collected:	111A-R 04/14/05	111B-R 04/21/05	114A 04/21/05	114B-R 04/21/05
Volatile Organics				
1,1,2,2-Tetrachloroethane	ND(0.0050)	0.00058 J	ND(1.0)	ND(0.050)
1,4-Dioxane	ND(0.20)	ND(0.20)	ND(1.0)	ND(0.20)
Acetone	ND(0.010)	ND(0.010)	ND(1.0)	ND(0.050)
Benzene	ND(0.0050)	ND(0.0050)	ND(1.0)	ND(0.050)
Carbon Disulfide	0.0081	ND(0.0050)	ND(1.0)	ND(0.050)
Carbon Tetrachloride	ND(0.0050)	ND(0.0050)	ND(1.0)	ND(0.050)
Chlorobenzene	ND(0.0050)	0.0030 J	12	1.4
Chloroform	ND(0.0050)	ND(0.0050)	ND(1.0)	ND(0.050)
Methylene Chloride	ND(0.0050)	ND(0.0050)	ND(1.0)	ND(0.050)
Toluene	0.0088	0.0014 J	ND(1.0)	ND(0.050)
trans-1,2-Dichloroethene	ND(0.0050)	ND(0.0050)	ND(1.0)	ND(0.050)
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(1.0)	ND(0.050)
Trichlorofluoromethane	ND(0.0050)	ND(0.0050)	ND(1.0)	ND(0.050)
Total VOCs	0.017	0.0050 J	12	1.4
PCBs-Unfiltered				
Aroclor-1254	NA	0.000028 J	NA	0.000030 J
Aroclor-1260	NA	ND(0.000065)	NA	ND(0.000065)
Total PCBs	NA	0.000028 J	NA	0.000030 J
PCBs-Filtered				
Aroclor-1254	NA	ND(0.000065)	NA	ND(0.000065)
Aroclor-1260	NA	ND(0.000065)	NA	ND(0.000065)
Total PCBs	NA	ND(0.000065)	NA	ND(0.000065)
Semivolatile Organics				
1,2,4-Trichlorobenzene	NA	ND(0.010)	NA	0.0018 J
1,2-Dichlorobenzene	NA	ND(0.010)	NA	0.012
1,3-Dichlorobenzene	NA	ND(0.010)	NA	0.0039 J
1,4-Dichlorobenzene	NA	ND(0.010)	NA	0.028
2-Chlorophenol	NA	ND(0.010)	NA	ND(0.010)
Acenaphthene	NA	ND(0.010)	NA	ND(0.010)
Naphthalene	NA	ND(0.010)	NA	ND(0.010)
Organochlorine Pesticides				
None Detected	NA	NA	NA	--
Organophosphate Pesticides				
None Detected	NA	NA	NA	--
Herbicides				
None Detected	NA	NA	NA	--
Furans				
2,3,7,8-TCDF	NA	ND(0.0000000022)	NA	ND(0.0000000040)
TCDFs (total)	NA	ND(0.0000000022)	NA	ND(0.0000000040)
1,2,3,7,8-PeCDF	NA	ND(0.0000000039)	NA	ND(0.0000000089)
2,3,4,7,8-PeCDF	NA	ND(0.0000000040)	NA	ND(0.0000000090)
PeCDFs (total)	NA	ND(0.0000000040)	NA	ND(0.0000000090)
1,2,3,4,7,8-HxCDF	NA	ND(0.0000000036)	NA	ND(0.0000000077)
1,2,3,6,7,8-HxCDF	NA	ND(0.0000000029)	NA	ND(0.0000000064)
1,2,3,7,8,9-HxCDF	NA	ND(0.0000000039)	NA	ND(0.0000000085)
2,3,4,6,7,8-HxCDF	NA	ND(0.0000000035)	NA	ND(0.0000000076)
HxCDFs (total)	NA	ND(0.0000000039)	NA	ND(0.0000000085)
1,2,3,4,6,7,8-HpCDF	NA	ND(0.0000000039)	NA	ND(0.0000000086)
1,2,3,4,7,8,9-HpCDF	NA	ND(0.0000000049)	NA	ND(0.000000011)
HpCDFs (total)	NA	ND(0.0000000049)	NA	ND(0.000000011)
OCDF	NA	ND(0.000000011)	NA	ND(0.000000023)

TABLE 23-2
DATA RECEIVED DURING MAY 2005

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

Parameter / Sample ID: / Date Collected:	111A-R 04/14/05	111B-R 04/21/05	114A 04/21/05	114B-R 04/21/05
Dioxins				
2,3,7,8-TCDD	NA	ND(0.0000000030)	NA	ND(0.0000000060)
TCDDs (total)	NA	ND(0.0000000030)	NA	ND(0.0000000060)
1,2,3,7,8-PeCDD	NA	ND(0.0000000062)	NA	ND(0.000000013)
PeCDDs (total)	NA	ND(0.0000000062)	NA	ND(0.000000013)
1,2,3,4,7,8-HxCDD	NA	ND(0.0000000058)	NA	ND(0.000000013)
1,2,3,6,7,8-HxCDD	NA	ND(0.0000000045)	NA	ND(0.0000000099)
1,2,3,7,8,9-HxCDD	NA	ND(0.0000000049)	NA	ND(0.000000011)
HxCDDs (total)	NA	ND(0.0000000058)	NA	ND(0.000000013)
1,2,3,4,6,7,8-HpCDD	NA	ND(0.0000000076)	NA	ND(0.000000013)
HpCDDs (total)	NA	ND(0.0000000076)	NA	ND(0.000000013)
OCDD	NA	ND(0.0000000094)	NA	ND(0.000000022)
Total TEQs (WHO TEFs)	NA	0.0000000073	NA	0.000000016
Inorganics-Unfiltered				
Antimony	NA	ND(0.0600)	NA	ND(0.0600)
Arsenic	NA	ND(0.0100)	NA	ND(0.0100)
Barium	NA	0.0290 B	NA	0.170 B
Beryllium	NA	0.000860 B	NA	ND(0.00100)
Cadmium	NA	ND(0.00500)	NA	ND(0.00500)
Chromium	NA	0.00220 B	NA	0.00460 B
Cobalt	NA	ND(0.0500)	NA	ND(0.0500)
Copper	NA	0.00150 B	NA	ND(0.0250)
Cyanide	NA	0.00330 B	NA	0.00170 B
Lead	NA	ND(0.00300)	NA	ND(0.00300)
Mercury	NA	ND(0.000200)	NA	0.0000500 B
Nickel	NA	ND(0.0400)	NA	0.00210 B
Selenium	NA	ND(0.00500)	NA	ND(0.00500)
Silver	NA	ND(0.00500)	NA	ND(0.00500)
Sulfide	NA	3.20 B	NA	ND(5.00)
Vanadium	NA	ND(0.0500)	NA	ND(0.0500)
Zinc	NA	0.00500 B	NA	0.00220 B
Inorganics-Filtered				
Antimony	NA	ND(0.0600)	NA	ND(0.0600)
Arsenic	NA	ND(0.0100)	NA	ND(0.0100)
Barium	NA	0.0280 B	NA	0.170 B
Beryllium	NA	0.000340 B	NA	ND(0.00100)
Cadmium	NA	ND(0.00500)	NA	ND(0.00500)
Chromium	NA	0.00120 B	NA	0.00120 B
Cobalt	NA	ND(0.0500)	NA	ND(0.0500)
Copper	NA	ND(0.0250)	NA	ND(0.0250)
Cyanide	NA	0.00190 B	NA	ND(0.0100)
Lead	NA	0.00460	NA	ND(0.00300)
Mercury	NA	ND(0.000200)	NA	ND(0.000200)
Nickel	NA	ND(0.0400)	NA	ND(0.0400)
Selenium	NA	ND(0.00500)	NA	ND(0.00500)
Silver	NA	ND(0.00500)	NA	ND(0.00500)
Vanadium	NA	ND(0.0500)	NA	ND(0.0500)
Zinc	NA	ND(0.0200)	NA	ND(0.0200)
Natural Attenuation Parameters				
Alkalinity (Total)	120	180	130	250
Chloride	110	13	1.5	87
Dissolved Organic Carbon	1.40	1.90	0.510 B	2.50
Dissolved Iron	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Ethane	ND(0.0040)	ND(0.0040)	ND(0.0040)	ND(0.0040)
Ethene	ND(0.0030)	ND(0.0030)	ND(0.0030)	ND(0.0030)
Methane	ND(0.00200)	ND(0.00200)	0.100	0.170
Nitrate Nitrogen	0.00810 B	5.90	0.0260 B	0.0810
Nitrite Nitrogen	ND(0.0500)	0.0240 B	0.00470 B	0.00470 B
Sulfate (turbidimetric)	54.0	250	1.20 B	5.50

TABLE 23-2
DATA RECEIVED DURING MAY 2005

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

Parameter / Sample ID: / Date Collected:	GMA3-3 04/13/05	GMA3-4 04/12/05	GMA3-5 04/13/05
Volatile Organics			
1,1,2,2-Tetrachloroethane	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
1,4-Dioxane	ND(0.20)	ND(0.20) [ND(0.20)]	ND(0.20)
Acetone	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Benzene	0.00094 J	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Carbon Disulfide	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Carbon Tetrachloride	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Chlorobenzene	0.0095	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Chloroform	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Methylene Chloride	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Toluene	ND(0.0050)	0.0021 J [0.0042 J]	0.00087 J
trans-1,2-Dichloroethene	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Trichloroethene	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Trichlorofluoromethane	ND(0.0050)	ND(0.0050) [ND(0.0050)]	0.0024 J
Total VOCs	0.010 J	0.0021 J [0.0042 J]	0.0033 J
PCBs-Unfiltered			
Aroclor-1254	0.00052	NA	ND(0.000065)
Aroclor-1260	0.000097	NA	ND(0.000065)
Total PCBs	0.000617	NA	ND(0.000065)
PCBs-Filtered			
Aroclor-1254	0.00013	NA	ND(0.000065)
Aroclor-1260	ND(0.000065)	NA	ND(0.000065)
Total PCBs	0.00013	NA	ND(0.000065)
Semivolatile Organics			
1,2,4-Trichlorobenzene	ND(0.010)	ND(0.0050) [ND(0.0050)]	ND(0.010)
1,2-Dichlorobenzene	ND(0.010)	ND(0.0050) [ND(0.0050)]	ND(0.010)
1,3-Dichlorobenzene	ND(0.010)	ND(0.0050) [ND(0.0050)]	ND(0.010)
1,4-Dichlorobenzene	ND(0.010)	ND(0.0050) [ND(0.0050)]	ND(0.010)
2-Chlorophenol	ND(0.010)	NA	ND(0.010)
Acenaphthene	0.0023 J	NA	ND(0.010)
Naphthalene	ND(0.010)	ND(0.0050) [ND(0.0050)]	ND(0.010)
Organochlorine Pesticides			
None Detected	--	NA	NA
Organophosphate Pesticides			
None Detected	--	NA	NA
Herbicides			
None Detected	--	NA	NA
Furans			
2,3,7,8-TCDF	ND(0.0000000078)	NA	ND(0.0000000023)
TCDFs (total)	ND(0.0000000078)	NA	ND(0.0000000023)
1,2,3,7,8-PeCDF	ND(0.000000011)	NA	ND(0.0000000034)
2,3,4,7,8-PeCDF	ND(0.000000011)	NA	ND(0.0000000035)
PeCDFs (total)	ND(0.000000011)	NA	ND(0.0000000035)
1,2,3,4,7,8-HxCDF	ND(0.0000000086)	NA	ND(0.0000000025)
1,2,3,6,7,8-HxCDF	ND(0.0000000070)	NA	ND(0.0000000021)
1,2,3,7,8,9-HxCDF	ND(0.0000000094)	NA	ND(0.0000000028)
2,3,4,6,7,8-HxCDF	ND(0.0000000084)	NA	ND(0.0000000025)
HxCDFs (total)	ND(0.0000000094)	NA	ND(0.0000000028)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000064)	NA	ND(0.0000000054)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000081)	NA	ND(0.0000000068)
HpCDFs (total)	ND(0.0000000081)	NA	ND(0.0000000068)
OCDF	ND(0.000000017)	NA	ND(0.0000000041)

TABLE 23-2
DATA RECEIVED DURING MAY 2005

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

Parameter / Sample ID: / Date Collected:	GMA3-3 04/13/05	GMA3-4 04/12/05	GMA3-5 04/13/05
Dioxins			
2,3,7,8-TCDD	ND(0.0000000089)	NA	ND(0.0000000026)
TCDDs (total)	ND(0.0000000089)	NA	ND(0.0000000026)
1,2,3,7,8-PeCDD	ND(0.000000015)	NA	ND(0.0000000048)
PeCDDs (total)	ND(0.000000015)	NA	ND(0.0000000048)
1,2,3,4,7,8-HxCDD	ND(0.000000013)	NA	ND(0.0000000043)
1,2,3,6,7,8-HxCDD	ND(0.000000010)	NA	ND(0.0000000033)
1,2,3,7,8,9-HxCDD	ND(0.000000011)	NA	ND(0.0000000036)
HxCDDs (total)	ND(0.000000013)	NA	ND(0.0000000043)
1,2,3,4,6,7,8-HpCDD	ND(0.000000012)	NA	ND(0.0000000035)
HpCDDs (total)	ND(0.000000012)	NA	ND(0.0000000035)
OCDD	ND(0.000000019)	NA	ND(0.0000000072)
Total TEQs (WHO TEFs)	0.000000019	NA	0.0000000059
Inorganics-Unfiltered			
Antimony	ND(0.0600)	NA	ND(0.0600)
Arsenic	0.00420 B	NA	ND(0.0100)
Barium	0.100 B	NA	0.0270 B
Beryllium	ND(0.00100)	NA	ND(0.00100)
Cadmium	ND(0.00500)	NA	0.000720 B
Chromium	ND(0.0100)	NA	ND(0.0100)
Cobalt	ND(0.0500)	NA	0.00770 B
Copper	0.00170 B	NA	0.00150 B
Cyanide	0.00530 B	NA	ND(0.0100)
Lead	ND(0.00300)	NA	ND(0.00300)
Mercury	ND(0.000200)	NA	ND(0.000200)
Nickel	0.00680 B	NA	0.00270 B
Selenium	ND(0.00500)	NA	ND(0.00500)
Silver	0.00110 B	NA	0.00200 B
Sulfide	3.20 B	NA	3.20 B
Vanadium	0.00220 B	NA	0.00280 B
Zinc	0.0160 B	NA	0.00730 B
Inorganics-Filtered			
Antimony	ND(0.0600)	NA	ND(0.0600)
Arsenic	ND(0.0100)	NA	ND(0.0100)
Barium	0.100 B	NA	0.0300 B
Beryllium	ND(0.00100)	NA	ND(0.00100)
Cadmium	ND(0.00500)	NA	ND(0.00500)
Chromium	ND(0.0100)	NA	ND(0.0100)
Cobalt	0.00140 B	NA	0.00950 B
Copper	0.00200 B	NA	0.00190 B
Cyanide	0.00490 B	NA	ND(0.0100)
Lead	ND(0.00300)	NA	ND(0.00300)
Mercury	ND(0.000200)	NA	ND(0.000200)
Nickel	0.00590 B	NA	0.00260 B
Selenium	ND(0.00500)	NA	0.00540
Silver	ND(0.00500)	NA	ND(0.00500)
Vanadium	ND(0.0500)	NA	ND(0.0500)
Zinc	0.0100 B	NA	0.00360 B
Natural Attenuation Parameters			
Alkalinity (Total)	NA	NA	NA
Chloride	NA	NA	NA
Dissolved Organic Carbon	NA	NA	NA
Dissolved Iron	NA	NA	NA
Ethane	NA	NA	NA
Ethene	NA	NA	NA
Methane	NA	NA	NA
Nitrate Nitrogen	NA	NA	NA
Nitrite Nitrogen	NA	NA	NA
Sulfate (turbidimetric)	NA	NA	NA

TABLE 23-2
DATA RECEIVED DURING MAY 2005

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

Parameter / Sample ID: / Date Collected:	GMA3-6 04/12/05	GMA3-9 04/12/05	OBG-2 04/14/05
Volatile Organics			
1,1,2,2-Tetrachloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,4-Dioxane	ND(0.20)	ND(0.20)	ND(0.20)
Acetone	0.0031 J	0.0037 J	ND(0.010)
Benzene	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	0.0018 J	ND(0.0050)	ND(0.0050)
Chloroform	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene Chloride	0.011	ND(0.0050)	ND(0.0050)
Toluene	0.0026 J	0.0013 J	0.00051 J
trans-1,2-Dichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichlorofluoromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)
Total VOCs	0.019 J	0.0050 J	0.00051 J
PCBs-Unfiltered			
Aroclor-1254	ND(0.000065)	NA	NA
Aroclor-1260	ND(0.000065)	NA	NA
Total PCBs	ND(0.000065)	NA	NA
PCBs-Filtered			
Aroclor-1254	ND(0.000065)	NA	NA
Aroclor-1260	ND(0.000065)	NA	NA
Total PCBs	ND(0.000065)	NA	NA
Semivolatile Organics			
1,2,4-Trichlorobenzene	ND(0.010)	ND(0.0050)	ND(0.0050)
1,2-Dichlorobenzene	ND(0.010)	ND(0.0050)	ND(0.0050)
1,3-Dichlorobenzene	ND(0.010)	ND(0.0050)	ND(0.0050)
1,4-Dichlorobenzene	0.0035 J	ND(0.0050)	ND(0.0050)
2-Chlorophenol	ND(0.010)	NA	NA
Acenaphthene	ND(0.010)	NA	NA
Naphthalene	ND(0.010)	ND(0.0050)	ND(0.0050)
Organochlorine Pesticides			
None Detected	NA	NA	NA
Organophosphate Pesticides			
None Detected	NA	NA	NA
Herbicides			
None Detected	NA	NA	NA
Furans			
2,3,7,8-TCDF	ND(0.0000000047)	NA	NA
TCDFs (total)	ND(0.0000000047)	NA	NA
1,2,3,7,8-PeCDF	ND(0.000000016)	NA	NA
2,3,4,7,8-PeCDF	ND(0.000000016)	NA	NA
PeCDFs (total)	ND(0.000000016)	NA	NA
1,2,3,4,7,8-HxCDF	ND(0.000000012)	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.0000000097)	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.000000013)	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.000000012)	NA	NA
HxCDFs (total)	ND(0.000000013)	NA	NA
1,2,3,4,6,7,8-HpCDF	ND(0.0000000090)	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.000000011)	NA	NA
HpCDFs (total)	ND(0.000000011)	NA	NA
OCDF	ND(0.000000020)	NA	NA

TABLE 23-2
DATA RECEIVED DURING MAY 2005

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

Parameter / Sample ID: / Date Collected:	GMA3-6 04/12/05	GMA3-9 04/12/05	OBG-2 04/14/05
Dioxins			
2,3,7,8-TCDD	ND(0.0000000064)	NA	NA
TCDDs (total)	ND(0.0000000064)	NA	NA
1,2,3,7,8-PeCDD	ND(0.000000021)	NA	NA
PeCDDs (total)	ND(0.000000021)	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.000000017)	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.000000013)	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.000000014)	NA	NA
HxCDDs (total)	ND(0.000000017)	NA	NA
1,2,3,4,6,7,8-HpCDD	ND(0.000000015)	NA	NA
HpCDDs (total)	ND(0.000000015)	NA	NA
OCDD	ND(0.000000018)	NA	NA
Total TEQs (WHO TEFs)	0.000000023	NA	NA
Inorganics-Unfiltered			
Antimony	ND(0.0600)	NA	NA
Arsenic	ND(0.0100)	NA	NA
Barium	0.180 B	NA	NA
Beryllium	ND(0.00100)	NA	NA
Cadmium	ND(0.00500)	NA	NA
Chromium	ND(0.0100)	NA	NA
Cobalt	ND(0.0500)	NA	NA
Copper	ND(0.0250)	NA	NA
Cyanide	ND(0.0100)	NA	NA
Lead	0.00180 B	NA	NA
Mercury	ND(0.000200)	NA	NA
Nickel	ND(0.0400)	NA	NA
Selenium	ND(0.00500)	NA	NA
Silver	0.00120 B	NA	NA
Sulfide	3.20 B	NA	NA
Vanadium	ND(0.0500)	NA	NA
Zinc	0.00630 B	NA	NA
Inorganics-Filtered			
Antimony	ND(0.0600)	NA	NA
Arsenic	ND(0.0100)	NA	NA
Barium	0.160 B	NA	NA
Beryllium	ND(0.00100)	NA	NA
Cadmium	ND(0.00500)	NA	NA
Chromium	ND(0.0100)	NA	NA
Cobalt	ND(0.0500)	NA	NA
Copper	ND(0.0250)	NA	NA
Cyanide	ND(0.0100)	NA	NA
Lead	ND(0.00300)	NA	NA
Mercury	ND(0.000200)	NA	NA
Nickel	ND(0.0400)	NA	NA
Selenium	ND(0.00500)	NA	NA
Silver	ND(0.00500)	NA	NA
Vanadium	ND(0.0500)	NA	NA
Zinc	ND(0.0200)	NA	NA
Natural Attenuation Parameters			
Alkalinity (Total)	NA	NA	NA
Chloride	NA	NA	NA
Dissolved Organic Carbon	NA	NA	NA
Dissolved Iron	NA	NA	NA
Ethane	NA	NA	NA
Ethene	NA	NA	NA
Methane	NA	NA	NA
Nitrate Nitrogen	NA	NA	NA
Nitrite Nitrogen	NA	NA	NA
Sulfate (turbidimetric)	NA	NA	NA

TABLE 23-2
DATA RECEIVED DURING MAY 2005

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

Notes:

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

Data Qualifiers:

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

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

Inorganics and Natural Attenuation Parameters

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

TABLE 23-3
DATA RECEIVED DURING MAY 2005

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

Parameter / Sample ID: / Date Collected:	GMA3-10 05/12/05	UB-PZ-3 05/12/05
Volatile Organics		
Ethylbenzene	0.0064 J	ND(0.31)
Iodomethane	0.0058 J	ND(0.31)
Toluene	0.0086 J	ND(0.31)
Xylenes (total)	0.051	0.049 J

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

Data Qualifiers:

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

TABLE 23-4
MEASUREMENT AND REMOVAL OF RECOVERABLE LNAPL
GROUNDWATER MANAGEMENT AREA 3

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2005

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	May 2005 Removal (liters)
51-19	5/24/2005	10.55	9.81	0.74	0.457	0.457
51-21	5/4/2005	14.50	P	< 0.01	2.274	9.096
	5/12/2005	14.50	P	< 0.01	2.274	
	5/17/2005	14.66	P	< 0.01	2.274	
	5/25/2005	14.77	---	0.00	2.274	
59-03R	5/24/2005	11.85	10.76	1.09	0.561	0.561
GMA3-10	5/6/2005	11.01	10.20	0.81	0.500	1.883
	5/12/2005	11.09	10.28	0.81	0.500	
	5/19/2005	11.10	10.42	0.68	0.420	
	5/24/2005	11.30	10.55	0.75	0.463	
GMA3-12	5/6/2005	11.00	10.55	0.45	1.112	5.713
	5/10/2005	11.05	10.65	0.40	1.283	
	5/11/2005	10.79	10.68	0.11	0.480	
	5/12/2005	10.80	10.70	0.10	0.514	
	5/19/2005	11.25	10.82	0.43	1.063	
	5/24/2005	11.44	10.93	0.51	1.261	
GMA3-13	5/6/2005	11.00	10.35	0.65	0.401	2.297
	5/10/2005	10.95	10.40	0.55	0.523	
	5/11/2005	10.74	10.46	0.28	0.442	
	5/12/2005	10.84	10.48	0.36	0.363	
	5/19/2005	11.05	10.59	0.46	0.284	
	5/24/2005	11.18	10.72	0.46	0.284	
UB-PZ-3	5/24/2005	11.70	11.32	0.38	0.132	0.132

Total Automated LNAPL Removal at well 51-21 for May 2005: 9.096 liters
2.40 Gallons

Total Manual LNAPL Removal at all other wells for May 2005: 11.043 liters
2.91 Gallons

Total LNAPL Removed for May 2005: 20.139 liters
5.31 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.
3. LNAPL recovery testing was performed from 5/10/2005 to 5/12/2005 at wells GMA3-12 and GMA3-13.
   LNAPL thickness data represents the initial measurements on each date.
   LNAPL removal data represents the total volume recovered on each date.

TABLE 23-5
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2005

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
51-05	996.44	5/24/2005	8.70	---	0.00	---	12.38	0.00	987.74
51-06	997.36	5/24/2005	10.30	---	0.00	---	14.64	0.00	987.06
51-07	997.08	5/24/2005	10.25	---	0.00	---	11.28	0.00	986.83
51-08	997.08	5/6/2005	9.97	9.95	0.02	---	14.66	0.00	987.13
51-08	997.08	5/12/2005	10.14	10.11	0.03	---	14.66	0.00	986.97
51-08	997.08	5/19/2005	10.29	10.26	0.03	---	14.67	0.00	986.82
51-08	997.08	5/24/2005	10.43	10.41	0.02	---	14.66	0.00	986.67
51-09	997.70	5/24/2005	10.20	---	0.00	---	11.60	0.00	987.50
51-11	994.37	5/24/2005	8.13	---	0.00	---	13.41	0.00	986.24
51-12	996.55	5/24/2005	7.45	---	0.00	---	11.80	0.00	989.10
51-13	997.42	5/24/2005	DRY	---	0.00	---	10.05	0.00	987.37
51-14	996.77	5/24/2005	8.82	---	0.00	---	15.00	0.00	987.95
51-15	996.43	5/24/2005	9.91	---	0.00	---	14.50	0.00	986.52
51-16R	996.39	5/24/2005	9.78	9.69	0.09	---	14.55	0.00	986.69
51-17	996.43	5/24/2005	Well was paved over; needs to be replaced						NA
51-18	997.12	5/24/2005	10.46	---	0.00	---	12.60	0.00	986.66
51-19	996.43	5/24/2005	10.55	9.81	0.74	---	14.05	0.00	986.57
51-21	1001.49	5/4/2005	14.50	P	< 0.01	---	NM	0.00	986.99
51-21	1001.49	5/12/2005	14.50	P	< 0.01	---	NM	0.00	986.99
51-21	1001.49	5/17/2005	14.66	P	< 0.01	---	NM	0.00	986.83
51-21	1001.49	5/25/2005	14.77	---	0.00	---	NM	0.00	986.72
59-01	997.52	5/24/2005	10.73	---	0.00	---	11.35	0.00	986.79
59-03R	997.64	5/24/2005	11.85	10.76	1.09	---	17.05	0.00	986.80
59-07	997.96	5/24/2005	11.14	11.12	0.02	---	23.51	0.00	986.84
GMA3-10	997.54	5/6/2005	11.01	10.20	0.81	---	18.02	0.00	987.28
GMA3-10	997.54	5/12/2005	11.09	10.28	0.81	---	18.02	0.00	987.20
GMA3-10	997.54	5/19/2005	11.10	10.42	0.68	---	18.02	0.00	987.07
GMA3-10	997.54	5/24/2005	11.30	10.55	0.75	---	18.02	0.00	986.94
GMA3-11	997.25	5/24/2005	10.05	---	0.00	---	18.42	0.00	987.20
GMA3-12	997.84	5/6/2005	11.00	10.55	0.45	---	21.23	0.00	987.26
GMA3-12	997.84	5/10/2005	11.05	10.65	0.40	---	21.25	0.00	987.16
GMA3-12	997.84	5/11/2005	10.79	10.68	0.11	---	21.25	0.00	987.15
GMA3-12	997.84	5/12/2005	10.80	10.70	0.10	---	21.25	0.00	987.13
GMA3-12	997.84	5/19/2005	11.25	10.82	0.43	---	21.25	0.00	986.99
GMA3-12	997.84	5/24/2005	11.44	10.93	0.51	---	21.25	0.00	986.87
GMA3-13	997.73	5/6/2005	11.00	10.35	0.65	---	17.83	0.00	987.33
GMA3-13	997.73	5/10/2005	10.95	10.40	0.55	---	17.82	0.00	987.29
GMA3-13	997.73	5/11/2005	10.74	10.46	0.28	---	17.82	0.00	987.25
GMA3-13	997.73	5/12/2005	10.84	10.48	0.36	---	17.82	0.00	987.22
GMA3-13	997.73	5/19/2005	11.05	10.59	0.46	---	17.82	0.00	987.11
GMA3-13	997.73	5/24/2005	11.18	10.72	0.46	---	17.82	0.00	986.98
GMA3-14	997.42	5/24/2005	10.45	---	0.00	---	17.05	0.00	986.97
UB-MW-10	995.99	5/24/2005	9.15	---	0.00	---	15.80	0.00	986.84
UB-PZ-3	998.15	5/24/2005	11.70	11.32	0.38	---	13.38	0.00	986.80

TABLE 23-5
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2005

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. LNAPL recovery testing was performed from 5/10/2005 to 5/12/2005 at wells GMA3-12 and GMA3-13. LNAPL thickness data represents the initial measurements at these wells on each date.

ITEM 24
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 3 (GMA 4)
(GECD340)
MAY 2005

*** 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.

b. Sampling/Test Results Received

See attached table.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine monitoring at well GMA4-3.
- Evaluate groundwater elevation and analytical data and work on preparation of spring 2005 monitoring report.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

Received EPA approval of GE's February 2005 GMA 4 Groundwater Quality Interim Report for Fall 2004 (May 31, 2005).

TABLE 24-1
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 4

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2005

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA4-3	1,003.95	5/23/2005	16.90	---	0.00	---	26.25	0.00	987.05

Notes:

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

ITEM 25
GROUNDWATER MANAGEMENT AREAS
FORMER OXBOWS A & C (GMA 5)
(GECD350)
MAY 2005

*** 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)

Annual groundwater sampling anticipated to be conducted in October 2005.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

Attachment A

NPDES Sampling Records and Results
May 2005

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

TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2005

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
NPDES Sampling	001-A6451	5/2/05	Water	SGS	Oil & Grease	5/11/05
NPDES Sampling	001-A6453	5/2/05	Water	SGS	PCB	5/11/05
NPDES Sampling	001-A6461	5/3/05	Water	SGS	TSS	5/11/05
NPDES Sampling	005-A6445/A6446	4/26/05	Water	SGS	PCB	5/3/05
NPDES Sampling	005-A6462/A6463	5/3/05	Water	SGS	PCB, TSS, BOD	5/11/05
NPDES Sampling	005-A6473/A6474	5/10/05	Water	SGS	PCB	5/18/05
NPDES Sampling	005-A6485/A6486	5/17/05	Water	SGS	PCB	5/26/05
NPDES Sampling	005-A6498/A6499	5/24/05	Water	SGS	PCB	5/31/05
NPDES Sampling	005-A6509/A6510	5/31/05	Water	SGS	PCB	
NPDES Sampling	09B-A6438	4/24/05	Water	SGS	TSS	5/3/05
NPDES Sampling	09B-A6443	4/25/05	Water	SGS	BOD	5/3/05
NPDES Sampling	09B-A6448	5/1/05	Water	SGS	TSS	5/11/05
NPDES Sampling	09B-A6458	5/2/05	Water	SGS	BOD	5/11/05
NPDES Sampling	09B-A6467	5/9/05	Water	SGS	TSS	5/18/05
NPDES Sampling	09B-A6475	5/10/05	Water	SGS	BOD	5/18/05
NPDES Sampling	09B-A6476	5/15/05	Water	SGS	TSS	5/24/05
NPDES Sampling	09B-A6483	5/16/05	Water	SGS	BOD	5/24/05
NPDES Sampling	09B-A6491	5/22/05	Water	SGS	TSS	5/31/05
NPDES Sampling	09B-A6496	5/23/05	Water	SGS	BOD	5/31/05
NPDES Sampling	09B-A6503	5/29/05	Water	SGS	TSS	
NPDES Sampling	09B-A6511	5/31/05	Water	SGS	BOD	
NPDES Sampling	09C-A6436	4/24/05	Water	SGS	Oil & Grease	5/3/05
NPDES Sampling	09C-A6449	5/1/05	Water	SGS	Oil & Grease	5/11/05
NPDES Sampling	09C-A6465	5/8/05	Water	SGS	Oil & Grease	5/18/05
NPDES Sampling	09C-A6477	5/15/05	Water	SGS	Oil & Grease	5/24/05
NPDES Sampling	09C-A6489	5/22/05	Water	SGS	Oil & Grease	5/31/05
NPDES Sampling	09C-A6501	5/29/05	Water	SGS	Oil & Grease	
NPDES Sampling	64G-A6441	4/25/05	Water	SGS	Oil & Grease	5/3/05
NPDES Sampling	64G-A6456	5/2/05	Water	SGS	Oil & Grease	5/11/05
NPDES Sampling	64G-A6470	5/9/05	Water	SGS	Oil & Grease	5/18/05
NPDES Sampling	64G-A6481	5/16/05	Water	SGS	Oil & Grease	5/24/05
NPDES Sampling	64G-A6494	5/23/05	Water	SGS	Oil & Grease	5/31/05
NPDES Sampling	64G-A6506	5/30/05	Water	SGS	Oil & Grease	
NPDES Sampling	64T-A6439	4/25/05	Water	SGS	Oil & Grease	5/3/05
NPDES Sampling	64T-A6454	5/2/05	Water	SGS	Oil & Grease	5/11/05
NPDES Sampling	64T-A6468	5/9/05	Water	SGS	Oil & Grease	5/18/05
NPDES Sampling	64T-A6479	5/16/05	Water	SGS	Oil & Grease	5/24/05
NPDES Sampling	64T-A6492	5/23/05	Water	SGS	Oil & Grease	5/31/05
NPDES Sampling	64T-A6504	5/30/05	Water	SGS	Oil & Grease	
NPDES Sampling	A6459R	5/3/05	Water	SGS	Acute Toxicity Test	5/16/05
NPDES Sampling	A6459RCN	5/3/05	Water	SGS	CN	5/11/05

TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2005

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
NPDES Sampling	A6459RTM	5/3/05	Water	SGS	Metals (10)	5/11/05
NPDES Sampling	A6460C	5/3/05	Water	SGS	Acute Toxicity Test	5/16/05
NPDES Sampling	A6460CCN	5/3/05	Water	SGS	CN	5/11/05
NPDES Sampling	A6460CDM	5/3/05	Water	SGS	Filtered Metals (8)	5/11/05
NPDES Sampling	A6460CTM	5/3/05	Water	SGS	Metals (10)	5/11/05
NPDES Sampling	APR05WK5	4/26/05	Water	SGS	Cu, Pb, Zn	5/3/05
NPDES Sampling	JUN05WK1	5/31/05	Water	SGS	Cu, Pb, Zn	
NPDES Sampling	MAY05WK2	5/10/05	Water	SGS	Cu, Pb, Zn	5/18/05
NPDES Sampling	MAY05WK3	5/17/05	Water	SGS	Cu, Pb, Zn	5/26/05
NPDES Sampling	MAY05WK4	5/24/05	Water	SGS	Cu, Pb, Zn	5/31/05

TABLE A-2
DATA RECEIVED DURING MAY 2005

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

Parameter / Sample ID: / Date Collected:	001-A6451 05/02/05	001-A6453 05/02/05	001-A6461 05/03/05	005-A6445/A6446 04/26/05	005-A6462/A6463 05/03/05	005-A6473/A6474 05/10/05	005-A6485/A6486 05/17/05
PCBs-Unfiltered							
Aroclor-1254	NA	0.00016	NA	ND(0.000065)	0.000067	ND(0.000065)	ND(0.000065)
Aroclor-1260	NA	ND(0.000065)	NA	ND(0.000065)	0.000055 J	ND(0.000065)	ND(0.000065)
Total PCBs	NA	0.00016	NA	ND(0.000065)	0.000122	ND(0.000065)	ND(0.000065)
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	ND(2.0)	NA	NA
Oil & Grease	ND(5.0)	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	43.0	NA	ND(5.00)	NA	NA

TABLE A-2
DATA RECEIVED DURING MAY 2005

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

Parameter / Sample ID: / Date Collected:	005-A6498/A6499 05/24/05	09B-A6438 04/24/05	09B-A6443 04/25/05	09B-A6448 05/01/05	09B-A6458 05/02/05	09B-A6467 05/09/05	09B-A6475 05/10/05	09B-A6476 05/15/05	09B-A6483 05/16/05
PCBs-Unfiltered									
Aroclor-1254	0.000025 J	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	ND(0.000065)	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	0.000025 J	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals									
Biological Oxygen Demand (5-day)	NA	NA	ND(2.0)	NA	ND(2.0)	NA	2.9	NA	2.7
Oil & Grease	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	16.0	NA	9.00	NA	9.00	NA	ND(5.00)	NA

TABLE A-2
DATA RECEIVED DURING MAY 2005

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

Parameter / Sample ID: / Date Collected:	09B-A6491 05/22/05	09B-A6496 05/23/05	09C-A6436 04/24/05	09C-A6449 05/01/05	09C-A6465 05/08/05	09C-A6477 05/15/05	09C-A6489 05/22/05	64G-A6441 04/25/05	64G-A6456 05/02/05
PCBs-Unfiltered									
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals									
Biological Oxygen Demand (5-day)	NA	2.0	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	ND(5.0)	ND(5.0)	1.6 B	1.0 B	1.9 B	ND(5.0)	ND(5.0)
Total Suspended Solids	11.0	NA	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING MAY 2005

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

Parameter / Sample ID: / Date Collected:	64G-A6470 05/09/05	64G-A6481 05/16/05	64G-A6494 05/23/05	64T-A6439 04/25/05	64T-A6454 05/02/05	64T-A6468 05/09/05	64T-A6479 05/16/05	64T-A6492 05/23/05	A6459RCN 05/03/05
PCBs-Unfiltered									
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.0200)
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals									
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	ND(5.0)	2.1 B	ND(5.0)	ND(5.0)	2.1 B	ND(5.0)	1.5 B	ND(5.0)	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING MAY 2005

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

Parameter / Sample ID: / Date Collected:	A6459RTM 05/03/05	A6460CCN 05/03/05	A6460CDM 05/03/05	A6460CTM 05/03/05	APR05WK5 04/26/05	MAY05WK2 05/10/05	MAY05WK3 05/17/05	MAY05WK4 05/24/05
PCBs-Unfiltered								
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered								
Aluminum	ND(0.100)	NA	NA	0.120	NA	NA	NA	NA
Cadmium	ND(0.00100)	NA	NA	ND(0.00100)	NA	NA	NA	NA
Calcium	14.0	NA	NA	49.0	NA	NA	NA	NA
Chromium	0.000940 B	NA	NA	0.00130 B	NA	NA	NA	NA
Copper	ND(0.00500)	NA	NA	0.0110	0.00200 B	0.00280 B	0.00660	0.00760
Cyanide	NA	0.00850 B	NA	NA	NA	NA	NA	NA
Lead	ND(0.00500)	NA	NA	0.0160	ND(0.00500)	0.00300 B	ND(0.00500)	0.00590
Magnesium	4.90	NA	NA	20.0	NA	NA	NA	NA
Nickel	0.00200 B	NA	NA	ND(0.00500)	NA	NA	NA	NA
Silver	ND(0.00500)	NA	NA	ND(0.00500)	NA	NA	NA	NA
Zinc	0.00620 B	NA	NA	0.0510	0.0130 B	0.0190 B	0.0140 B	0.0350
Inorganics-Filtered								
Aluminum	NA	NA	ND(0.100)	NA	NA	NA	NA	NA
Cadmium	NA	NA	ND(0.00100)	NA	NA	NA	NA	NA
Chromium	NA	NA	ND(0.00500)	NA	NA	NA	NA	NA
Copper	NA	NA	0.00370 B	NA	NA	NA	NA	NA
Lead	NA	NA	ND(0.00500)	NA	NA	NA	NA	NA
Nickel	NA	NA	ND(0.00500)	NA	NA	NA	NA	NA
Silver	NA	NA	ND(0.00500)	NA	NA	NA	NA	NA
Zinc	NA	NA	0.0410	NA	NA	NA	NA	NA
Conventionals								
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA

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

Data Qualifiers:

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

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

Attachment B

NPDES Discharge Monitoring Reports
April 2005

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

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	001 1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	04	01	TO	05	04	30

MAJOR
(SUBR W)
F - FINAL
DISCHARGE TO SILVER LAKE

*** 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	*******	*******		7.4	*******	8.1	(12)	0	01/07	GR
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*******	*******	**** ****	6.0 MINIMUM	*******	9.0 MAXIMUM	SU SU		WEEKLY	RANG
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*******	*******	*******		0	01/30	CP
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	138 MO AVG	628 DAILY MX	LBS/DY	*******	*******	*******	**** ****		ONCE/ MONTH	COMPOS
OIL & GREASE	SAMPLE MEASUREMENT	*******	5.9	(26) LBS/DY	*******	*******	3.0	(19) MG/L	0	01/30	GR
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*******	319 DAILY MX	LBS/DY	*******	*******	15 DAILY MX	MG/L		ONCE/ MONTH	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	*******	0.0005	(26) LBS/DY	*******	*******	*******		0	01/30	GR
39516 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY	*******	*******	*******	**** ****		ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.141	0.453	(03) MGD	*******	*******	*******		0	99/99	RC
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	1.10 MO AVG	2.55 DAILY MX	MGD	*******	*******	*******	**** ****		CONTIN UOUS	RCORDR
	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	2004	5 6	25 7c
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 THE DISCHARGE FROM OIL/WATER SEPERATOR.

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	004 1
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR
(SUBR W)
F - FINAL
DISCHARGE TO SILVER LAKE

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	04	01	TO	05	04	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 [C]	******	NODI [C]	(12)			
00400 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	5.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE	SAMPLE MEASUREMENT	******	NODI [C]	(26)	******	******	NODI [C]	(19)			
00556 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	26 NODI [C] DAILY MX	LBS/DY	******	******	15 NODI [C] DAILY MX	MG/L		ONCE/ MONTH	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	NODI [C]	(26)	******	******	******				
39516 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	[illegible] DAILY MX	LBS/DY	******	******	******	**** ****		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	NODI [C]	NODI [C]	(03)	******	******	******				
50050 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	0. NODI [C] MO AVG	2. NODI [C] DAILY MX	MGD	******	******	******	**** ****		ONCE/ MONTH	RECORD
	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	AREA CODE 413 NUMBER 448-5902	YEAR 2005	MO 5	DAY 25

TYPED OR PRINTED

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
SAMPLE IN PLANT MANHOLE STATION ON 004.

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	005 1
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	04	01	TO	05	04	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			
BOD, 5-DAY (20 DEG. C) 00310 T 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	******	******	******		0	01/30	CP
	PERMIT REQUIREMENT	90 MO AVG	135 DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 T 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	******	******	******		0	01/30	CP
	PERMIT REQUIREMENT	188 MO AVG	270 DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
OIL & GREASE 00556 T 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	11.7	(26) LBS/DY	******	******	2.6	(19) MG/L	0	01/07	GR
	PERMIT REQUIREMENT	*******	135 DAILY MX	LBS/DY	*******	*******	15 DAILY MX	MG/L		WEEKLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS) 39516 T 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.0003	0.0014	(26) LBS/DY	******	******	******		0	01/07	CP
	PERMIT REQUIREMENT	0.01 MO AVG	0.03 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 T 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.252	0.534	(03) MGD	******	******	******		0	99/99	RC
	PERMIT REQUIREMENT	2.09 MO AVG	2.09 DAILY MX	MGD	*******	*******	*******	**** ****		CONTINUOUS	RECORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2005	5	25
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE / NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
SEE PAGE 8 + 9 OF PERMIT FOR SAMPLING REQUIREMENTS. SEE DMR(S) 064G + 064T FOR FURTHER PARAMETERS.

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

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

Form Approved.
OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	064 G

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	04	01	TO	05	04	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	*******	*******		7.3	*******	7.9	(12) SU	0	99/99	RCDR
00400 T O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	**** ****	6.0 MINIMUM	*******	9.0 MAXIMUM	SU		WEEKLY	RANG-G
BASE NEUTRALS & ACID (METHOD 625), TOTAL	SAMPLE MEASUREMENT	*******	*******		*******	NODI [9]	NODI [9]	(19)			
76030 T O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	**** ****	*******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
VOLATILE COMPOUNDS, (GC/MS)	SAMPLE MEASUREMENT	*******	*******		*******	NODI [9]	NODI [9]	(19)			
78732 T O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	**** ****	*******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2005	5	25
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.

00394705011 3-1254

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	064 T
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	04	01	TO	05	04	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	*******	*******		7.0	*******	8.2	(12) SU	0	99/99	RCDR
00400 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	***** *****	6.0 MINIMUM	*******	9.0 MAXIMUM	SU		WEEKLY	GRAB
DIBENZOFURAN	SAMPLE MEASUREMENT	*******	*******		*******	NODI [8]	NODI [8]	(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	2005	5	25
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE / NUMBER	YEAR	MO	DAY

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

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	007 1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	04	01	TO	05	04	30

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

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

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2005	5	25
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE / NUMBER	YEAR	MO	DAY

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

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	009 1
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	04	01	TO	05	04	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			
BOD, 5-DAY (20 DEG. C) 00310 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.4	1.5	(26) LBS/DY	*******	*******	*******		0	01/DW	CP
	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	*******	*******	*******	****** ****		WEEKLY	COMPOS
PH 00400 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*******	*******		6.4	*******	7.2	(12) SU	0	01/DW	GR
	PERMIT REQUIREMENT	*******	*******	****** ****	6.0 MINIMUM	*******	9.0 MAXIMUM	SU		WEEKLY	RANG-G
SOLIDS, TOTAL SUSPENDED 00530 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	7.7	20.4	(26) LBS/DY	*******	*******	*******		0	01/07	CP
	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	LBS/DY	*******	*******	*******	****** ****		WEEKLY	COMPOS
OIL & GREASE 00556 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*******	0	(26) LBS/DY	*******	*******	0	(19) MG/L	0	01/DW	GR
	PERMIT REQUIREMENT	*******	438 DAILY MX	LBS/DY	*******	*******	15 DAILY MX	MG/L		WEEKLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS) 39516 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*******	*******		*******	NODI [9]	NODI [9]	(19)			
	PERMIT REQUIREMENT	*******	*******	****** ****	*******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.023	0.218	(03) MGD	*******	*******	*******		0	99/99	RC
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*******	*******	*******	****** ****		CONTIN UOUS	COORDP
	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	2005	5	25
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE / NUMBER	YEAR	MO	DAY

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

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	009 A
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	04	01	TO	05	04	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
BOD, 5-DAY (20 DEG. C) 00310 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	NODI[C]	NODI[C]	(26)	*******	*******	*******				
	PERMIT REQUIREMENT	108 MO AVG	438 DAILY MX	LBS/DY	*******	*******	*******	***** *****		WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	NODI[C]	NODI[C]	(26)	*******	*******	*******				
	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	LBS/DY	*******	*******	*******	***** *****		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	NODI[C]	NODI[C]	(03)	*******	*******	*******				
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*******	*******	*******	***** *****		CONTINUOUS	RECORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2005	5 25
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE / NUMBER	YEAR	MO DAY

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

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	009 B
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	04	01	TO	05	04	30

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

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

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG. C) 00310 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.4	1.5	(26) LBS/DY	******	******	******		0	01/DW	CP
	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	7.7	20.4	(26) LBS/DY	******	******	******		0	01/07	CP
	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.023	0.218	(03) MGD	******	******	******		0	99/99	RC
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		CONTINUOUS	RECORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			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		2005	5	25
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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

00359/050113-1258

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	SUM A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	04	01	TO	05	04	30

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

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

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	0	(26) LBS/DY	*******	*******	*******		0	01/30	CP
	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY	*******	*******	*******	***** *****		ONCE/ MONTH	COMPOS
NICKEL TOTAL RECOVERABLE 01074 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	0	(26) LBS/DY	*******	*******	*******		0	02/30	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	02/30	CP
	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY	*******	*******	*******	***** *****		ONCE/ MONTH	COMPOS
ZINC TOTAL RECOVERABLE 01094 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	3.2	(26) LBS/DY	*******	*******	*******		0	01/07	CP
	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY	*******	*******	*******	***** *****		WEEKLY	COMPOS
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	0	(26) LBS/DY	*******	*******	*******		0	02/30	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	02/30	CP
	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY	*******	*******	*******	***** *****		ONCE/ MONTH	COMPOS
LEAD TOTAL RECOVERABLE 01114 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	0.91	(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	2005	5	23
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE / NUMBER	YEAR	MO	DAY

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

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	SUM A
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	04	01	TO	05	04	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			
CHROMIUM TOTAL RECOVERABLE 01118 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	0.01	(26) LBS/DY	*******	*******	*******		0	02/30	CP
	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY	*******	*******	*******	***** *****		ONCE/ MONTH	COMPOS
COPPER TOTAL RECOVERABLE 01119 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	0.78	(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	*******	0.18	(26) LBS/DY	*******	*******	*******		0	02/30	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	2005	5	25
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE / NUMBER	YEAR	MO	DAY

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

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

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

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

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	SUM B

	MONITORING PERIOD						
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	04	01	TO	05	04	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	UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
NOAEL STATRE 48HR AC U D. PULEX	SAMPLE MEASUREMENT	******	******		100	******	******	(23) %	0	01/30	CP
TDM3D 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	35 DAILY MN	******	******	PER-CENT		ONCE/ MONTH	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

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

TELEPHONE		DATE		
413	448-5902	2005	5	25
AREA CODE	NUMBER	YEAR	MO	DAY

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

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

EPA Form 3320-1 (Rev. 3/99) Previous editions may be used. This is a 4-part form. PAGE 1 OF 1

00229/050113-1254

Attachment C

Toxicity Evaluation of Wastewaters Discharged From the General Electric Plant; Pittsfield, Massachusetts [Samples Collected in May 2005]

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

Toxicity Evaluation of Wastewaters Discharged from The General Electric Plant Pittsfield, Massachusetts

Samples collected in May 2005

Submitted to:

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

SGS Sample ID: TA5-E0-P053

Study Director: Ken Holliday

12 May 2005

SGS Environmental Services
1258 Greenbrier Street
Charleston, West Virginia 25311-1002
Tel: 304.346.0725 Fax: 304.346.0761
www.sgs.com

Signatures and Approval

Submitted by: SGS Environmental Services
1258 Greenbrier Street
Charleston, West Virginia 25311-1002

Tel: 304.346.0725
Fax: 304.346.0761
www.sgs.com

Ken Holliday
Study Director
ken_holliday@sgs.com

May 12, 2005
Date

Titshina L. Mims
Technical Writer

May 12, 2005
Date

Barbara Hensley
Project Manager
barbara_hensley@sgs.com

May 12, 2005
Date

Whole Effluent Toxicity Test
Report Certification

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

Executed on: May 12, 2005
Date

Jeannie Latterner
Authorized signature

Jeannie Latterner
Name

QA/QC Manager
Title

SGS Environmental Services
Laboratory

Table of Contents

List of Tables

Summary

Static Acute Toxicity Test with *Daphnia pulex*

Sponsor:	General Electric
Protocol Title:	*Acute Aquatic Toxicity Testing*, SGS Document Control Number 7002, version 4.0
SGS Study Number:	TA5-E0-P053
Test Material:	Composite effluent from the General Electric Company located in Pittsfield, Massachusetts
GE Sample ID:	A6460C
Dilution Water:	Water from the Housatonic River (grab sample)
GE Sample ID:	A6459R
Dates Collected:	May 02, 2005 to May 03, 2005
Date Received:	May 04, 2005
Test Dates:	May 04, 2005 to May 06, 2005
Test Concentrations:	100% effluent 75% effluent 50% effluent 35% effluent 15% effluent 5% effluent dilution water control reference control secondary reference control (sodium thiosulfate)
Results:	The 48-hour LC50 value was determined to be >100% effluent. The No-Observed-Acute-Effect-Level (NOAEL) was observed to be 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 process wastewater and municipal sewage.

The purpose of the National Pollutant Discharge Elimination System (NPDES) Program is to protect human health and the environment. The Clean Water Act requires that all point sources discharging pollutants into waters of the United States must obtain an NPDES permit. By point sources, EPA means discrete conveyances such as pipes or man made ditches.

For many years, discharge limits were based on available technology for wastewater treatment. However, in 1984, the U.S. Environmental Protection Agency (EPA) released a national policy statement entitled "Policy for the Development of Water Quality-Based Permit Limitations for Toxic Pollutants" (U.S. EPA, 1984) which addresses the control of toxic pollutants beyond technology-based requirements in order to meet water quality standards. To implement the new policy, guidance was provided to the respective state and regional permit personnel in the EPA's "Technical Support Document for Water Quality-Based Toxics Control" (U.S. EPA, 1985; U.S. EPA, 1991). The EPA's policy statement and the support document recommended that, where appropriate, permit limits should be based on effluent toxicity as measured in aquatic toxicity tests.

1.2 Clean Water Act, 33 U.S.C. s/s 1251 et seq. (1977)

The Clean Water Act is a 1977 amendment to the Federal Water Pollution Control Act of 1972, which set the basic structure for regulating discharges of pollutants to waters of the United States. The law gave EPA the authority to set effluent standards on an industry basis (technology-based) and continued the requirements to set water quality standards for all contaminants in surface waters. The CWA makes it unlawful for any person to discharge any pollutant from a point source into navigable waters unless a permit (NPDES) is obtained under the Act. The 1977 amendments focused on toxic pollutants. In 1987, the CWA was reauthorized and again focused on toxic substances, authorized citizen suit provisions, and funded sewage treatment plants (POTWs) under the Construction Grants Program. The CWA provisions for the delegation by EPA of many permitting, administrative, and enforcement aspects of the law to state governments. In states with the authority to implement CWA programs, EPA still retains oversight responsibilities.

1.3 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, using *Daphnia pulex* under static conditions. Whereas *D. pulex* are not considered locally important, they are routinely used by regulatory agencies and contract laboratories nationwide for toxicity testing. A toxicity test was conducted from May 04, 2005 to May 06, 2005 at SGS Environmental Services, Charleston, West Virginia. All original raw data and the final report produced for this study are stored in SGS's archives at the above location.

2.0 Materials and Methods

2.1 Protocol

Procedures used in this acute toxicity test followed those described in the SGS Standard Operating Procedure (SOP) entitled *Acute Aquatic Toxicity Testing*, SGS document control number 7002, version 4.0. This SOP generally follows the standard methodology presented in *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms* (U.S. EPA, 1993. Additional SOPs used in this study are outlined below:

Title	Document Number	Version
Culture Waters for Aquatic Toxicity Testing	7005	4.0
Culture of *Daphnia*	7006	5.0
Reference Toxicant Testing	7008	5.0
Sample Handling for Aquatic Toxicity Testing	7009	4.0

Copies of these documents are included in the References section of this report.

2.2 Effluent Sample

The effluent sample (A6460C) was collected by GE personnel May 02, 2005 to May 03, 2005. Upon receipt at SGS on May 04, 2005, the sample temperature was 4.7° C. The effluent sample was characterized as having

Parameter	Result
Total Hardness	290
Alkalinity (as $CaCO_3$)	207
pH	6.97
Specific Conductance	809
Dissolved Oxygen Concentration*	8.72

*Dissolved oxygen concentration was recorded after sample was aerated and warmed to approximately 20°C).

The effluent sample was observed to be clear and colorless.

2.3 Dilution Water

Dilution water consisted of receiving water collected from the Housatonic River. The receiving water (A6459R) was collected by General Electric personnel on May 03, 2005. Upon receipt at SGS on May 04, 2005, the sample temperature was 4.7°C. The dilution water was characterized as having

Parameter	Result
Total Hardness	300
Alkalinity (as $CaCO_3$)	53
pH	6.29
Specific Conductance	175
Dissolved Oxygen Concentration*	8.74

*Dissolved oxygen concentration was recorded after sample was aerated and warmed to approximately 20°C).

The dilution water sample was observed to be slightly cloudy with a straw color.

2.4 Reference Control Water

Water used in the reference control vessels was deionized (DI) water adjusted to the appropriate hardness (moderately hard reconstituted water) by the addition of reagent grade chemicals (U.S. EPA, 1993). Characterization of this water resulted in:

Parameter	Result
Total Hardness	110
Alkalinity (as $CaCO_3$)	68
pH	7.12
Specific Conductance	343
Dissolved Oxygen	8.78

2.5 Test Organisms

Daphnids (*Daphnia pulex*), less than 24-hours old, were obtained from SGS laboratory cultures maintained in Charleston. The culture system consisted of twenty-four (24) 100 ml disposable plastic beakers each containing 80 ml of culture medium and one (1) daphnid. The culture medium was deionized (DI) water for which the hardness was raised by addition of reagent grade chemicals (U.S. EPA, 1993). Prior to use, the culture water was characterized:

Parameter	Result
Total Hardness	within range of 80-110 mg/L
Alkalinity (as $CaCO_3$)	within range of 60-70 mg/L
pH	within range of 7.0 to 7.2

The culture area was maintained at a temperature of 20°C (± 1°C) with a regulated photoperiod of 16 hours of light and 8 hours of darkness.

Daphnid cultures were fed a combination of green algae (*Selanastrum capricorium*), approximately 4.0 x 10^7 cells/ml) and YCT (yeast, cereal leaves and trout chow). Approximately 1.0 ml of algae and 0.5 ml of YCT was added to each culture vessel daily. Three times per week, daphnids are transferred to fresh culture media.

Approximately twenty-four hours before test initiation, all immature daphnids were removed from the culture flasks. Offspring produced during the period were used in the toxicity test.

2.6 Test Procedures

A subsample of the effluent and the dilution water (approximately 2250 ml) was analyzed by SGS for total phosphorus, chloride, total suspended solids, and total solids. The 48-hour toxicity test was conducted at 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 250 ml. Test solutions were then divided into replicate (5 replicates per concentration) 30 ml medicine cups, each containing 20 ml of test solution. One set of five control beakers (containing Housatonic River water) and one set of five reference control beakers (containing moderately hard reconstituted water) were established and maintained under the same conditions as the exposure concentrations. A secondary set of five reference control beakers (containing sodium thiosulfate) was also maintained. Test solutions were placed in an incubator to maintain solution temperature of 20°C (± 1°C). Light was provided on a 16-hour light and 8-hour dark photoperiod. Florescent bulbs provided an illumination of 90 to 100 foot-candles in the test area.

Prior to test initiation, daphnids less than 24-hours old were culled individually with a plastic pipette and placed into a 1000 ml holding beaker containing approximately 500 ml of reference water. The test was initiated when daphnids were individually transferred from the holding beaker to the test solutions (4 daphnids per replicate). The daphnids were fed prior to test initiation but were not fed during the exposure period.

2.7 Test Monitoring

The number of mortalities and observations in each replicate vessel were recorded at 24 and 48 hours of exposure and observed mortalities were removed from the test solutions. Biological observations and observations from the physical characteristics of each replicate test solution and control were also made and recorded at 0, 24 and 48 hours. Dissolved oxygen concentrations pH and temperature were measured at test initiation and at 24-hour intervals thereafter, in one replicate vessel (a) for each test concentration in which there were surviving organisms.

Total hardness concentrations were measured by the EDTA titrimetric method and total alkalinity concentrations were determined by potentiometric titration to an endpoint of pH 4.5 (APHA, 1989). Total residual chorine was measured by Hach test. Concentrations of ammonia were determined using a Buchi model 212 distillation unit and titrated automatically with a Brinkman titroprocessor. Specific conductivity was measured with a Cole Palmer Model 71250 salinity-conductivity-temperature meter and probe; pH was measured with a Fisher Scientific Accumet 910 pH meter and combination electrode; dissolved oxygen concentration was measured with an YSI Model 59 dissolved oxygen meter. Daily temperature measurements were performed with a Princo mercury thermometer and a Fisher minimum-maximum thermometer. Light intensity was measured with a General Electric type 217 light meter.

2.8 Reference Toxicity Test

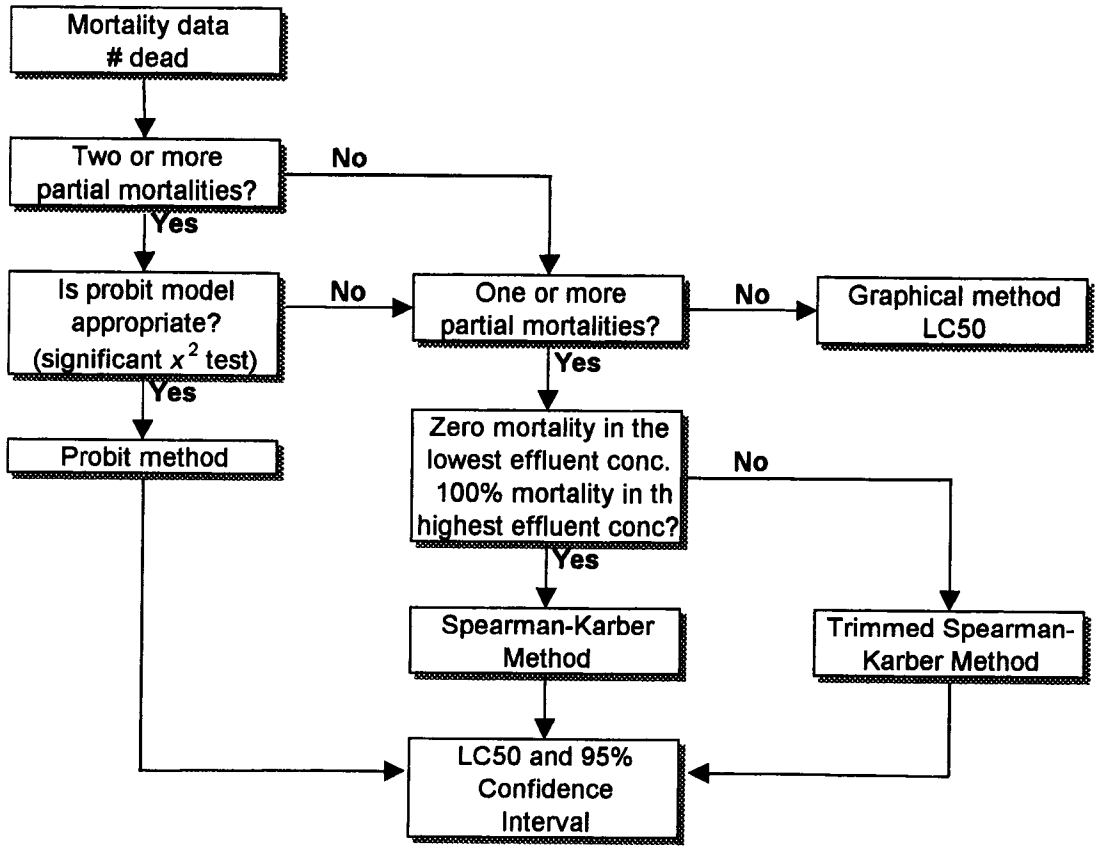
A 48-hour reference toxicity test exposing *Daphnia pulex* to sodium chloride (NaCl) was conducted from May 04, 2005 to May 06, 2005. The reference test was conducted to establish the health of the test organisms. The reference toxicity test included five NaCl concentrations and a dilution water control (moderately hard reconstituted water). The nominal NaCl concentrations for the test with *Daphnia pulex* ranged from 625 to 10,000 mg of NaCl/L. Test methods were the same as those described above for the effluent test.

3.0 Statistics

The concentration-response relationships observed were characterized by the median lethal concentrations (LC50), which is the concentration that is calculated to be lethal to 50 percent of the organisms within the test period. If no concentration caused mortality of 50%, then the LC50 value was determined to be greater than the highest concentration tested and no statistical analysis were performed. If at least one concentration caused mortality of greater than 50% of the test population, then a computer program (TOXSTAT 3.5) was used to calculate the LC50 value. Three statistical methods were available in the computer program: probit analysis, the Trimmed Spearman-Karber, and the Spearman-Karber methods. The graphical method is available if appropriate. Generally, to choose the best estimate of the LC50 value for a particular data set, the U.S. EPA flow chart on page 15 was followed.

The No-Observable-Acute-Effect-Level (NOAEL) was estimated for the acute toxicity test, and is defined as the highest concentration of effluent that produced $\geq$ 90% survival.

Flowchart 1. Determination of the LC50 from a Multi-Effluent-Concentration Acute Toxicity Test



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

4.0 Results

4.1 Effluent Toxicity Test

The methods and detection limits of chemical analyses performed on the composite effluent sample and dilution water are summarized in Table 1. Results of the characterization and analysis of the effluent and the dilution water are presented in Table 2. Water quality parameters measured during the toxicity test are presented in Table 3. Daily and continuous monitoring of the test solutions established the temperature ranged from 19°C to 21°C throughout the exposure period. The effluent concentration was tested (expressed as %) and the corresponding percent mortalities recorded during the 48-hour toxicity test are presented in Table 4. Significant toxicity was not demonstrated in this examination. Based on the results of this study, the 48-hour LC_{50} value was >100% effluent. The NOAEL value for this study was determined to be 100% effluent.

4.2 Reference Toxicity Test

SGS uses sodium chloride (NaCl) as a reference toxicant. The reference test was conducted from May 04, 2005 to May 06, 2005, and the resulting 48-hour LC50 was estimated by Trimmed Spearman-Karber Method to be 1961 mg NaCl/L (95% confidence intervals of 1638 to 2348 mg NaCl/L).

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. 1984. Development of water Quality-Based Permit Limitations for Toxic Pollutants. Federal Register 49(48): 90160-90190.

U.S. Environmental Protection Agency. 1985. Technical Support Document for Water Quality-Based Toxics Control. Office of Water, Washington, DC.

U.S. Environmental Protection Agency. 1991. Technical Support Document for Water Quality-Based Toxics Control. Office of Water, Washington, DC.

U.S. Environmental Protection Agency. 1993. for *Measuring the Acute Toxicity of Effluents and Receiving Methods Waters to Freshwater and Marine Organisms*. EPA/600/4-90/027F.

Table 1. Methods and detection limits of chemical analyses of the General Electric Pittsfield Plant effluent and the dilution water (Housatonic River).

Parameters	Method	Detection Limits
Ammonia Nitrogen as N	EPA 350.2	1.0 mg/L
Chloride	EPA 325.2	1.0 mg/L
Total Organic Carbon	EPA 415.1	1.0 mg/L
Total Solids	EPA 160.3	10.0 mg/L
Phosphorus, Total as P	Standard Methods 4500-P	0.020 mg/L
Total Residual Chlorine	Standard Methods 4500-Cl G	0.01 mg/L
Total Suspended Solids	EPA 160.2	5.0 mg/L

Table 2. Results of the characterization and analyses of the General Electric Pittsfield Plant effluent and the dilution water (Housatonic River).

Parameter	Effluent (A6460C)	Housatonic River (A6459R)
Temperature	20.8°C	20.8°C
pH	6.97	6.29
Alkalinity (as $CaCO_3$)	207 mg/L	53 mg/L
Hardness (as $CaCO_3$)	290 mg/L	300 mg/L
Dissolved Oxygen	8.72 mg/L	8.74 mg/L
Specific Conductivity	809 µmhos/cm	175 µmhos/cm
Salinity	N/A	N/A
Total Residual Chlorine	ND	ND
Ammonia as N (0-Hour)	ND	ND
Total Phosphorus as P	0.054 mg/L	ND
Chloride	100 mg/L	15 mg/L
Total Suspended Solids	9.0 mg/L	ND
Total Solids	410 mg/L	88 mg/L
Total Organic Carbon	2.7 mg/L	4.4 mg/L

Dissolved oxygen concentrations recorded after samples were aerated and warmed to approximately 20°C.
N/A = not applicable ND = non detectable

Table 3. The water quality measurements recorded during the 48-hour static toxicity test exposing *Daphnia pulex* to General Electric Pittsfield Plant effluent.

Matrix ↓	pH			Dissolved Oxygen (mg/L)			Temperature (°C)		
	0	24	48	0	24	48	0	24	48
Reference Control	7.12	7.17	7.21	8.78	8.71	8.68	20.8	20.4	20.6
Secondary Ref Control	7.15	7.19	7.23	8.82	8.70	8.64	20.8	20.4	20.6
Dilution Water Control	6.29	6.34	6.41	8.74	8.68	8.62	20.8	20.4	20.6
5% Effluent	6.39	6.46	6.51	8.75	8.65	8.60	20.8	20.4	20.6
15% Effluent	6.48	6.59	6.63	8.74	8.64	8.58	20.8	20.4	20.6
35% Effluent	6.57	6.55	6.62	8.74	8.68	8.62	20.8	20.4	20.6
50% Effluent	6.73	6.84	6.82	8.72	8.61	8.57	20.8	20.4	20.6
75% Effluent	6.88	6.97	6.93	8.72	8.67	8.60	20.8	20.4	20.6
100% Effluent	6.97	7.04	7.09	8.72	8.60	8.62	20.8	20.4	20.6

Dissolved oxygen, pH and temperature were measured in one replicate test chamber (A) for each concentration and controls.
The appearance of the effluent was clear, with some sediment.

Reference Control = moderately hard synthetic water
Secondary Control = moderately hard synthetic water and 0.1 N sodium thiosulfate ($Na_2S_2O_3$)
Dilution Water Control = receiving water collected from the Housatonic River

Table 4. Cumulative percent mortalities recorded during the 48-hour static toxicity test exposing *Daphnia pulex* to General Electric Pittsfield Plant effluent.

Test Matrix ↓	Cumulative Percent Mortality (%)											
	24-Hour						48-Hour					
	A	B	C	D	E	Mean	A	B	C	D	E	Mean
Reference Control	0	0	0	0	0	0	0	0	0	0	0	0
Secondary Ref Control	0	0	0	0	0	0	0	0	0	0	0	0
Dilution Water Control	0	0	0	0	0	0	0	0	0	0	0	0
5% Effluent	0	0	0	0	0	0	0	0	0	0	0	0
15% Effluent	0	0	0	0	0	0	0	0	0	0	0	0
35% Effluent	0	0	0	0	0	0	0	0	0	0	0	0
50% Effluent	0	0	0	0	0	0	0	0	0	0	0	0
75% Effluent	0	0	0	0	0	0	0	0	0	0	0	0
100% Effluent	0	0	0	0	0	0	0	0	0	0	0	0

Reference Control = moderately hard synthetic water
$Na_2S_2O_3$ Control = moderately hard synthetic water and sodium thiosulfate (0.1 N)
Dilution Water Control = receiving water collected from the Housatonic River

Appendix I

References

CT&E Environmental Services Inc.
Standard Operating Procedure

Document Title:	**Acute Aquatic Toxicity Testing**
Method Reference:	**CT&E/USEPA**
Document File Name:	**7002-04.DOC**
Revision Number:	**4.0**
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Approved by: Ken Holliday — Supervisor — Date 10/21/98

Approved by: Linda M. Work — QA/QC Officer — Date 10/20/98

1.0 SUMMARY

A 24-, 48-, or 96-hour test to determine the toxicity to freshwater aquatic animals of effluents.

2.0 REFERENCES

2.1 Weber, Cornelius I., *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms.*, Fourth Edition. EPA-600/4-90/027. U.S.EPA, Cincinnati, Ohio.

2.2 *Reporting and Testing Guidance for Biomonitoring Required by the Ohio Environmental Protection Agency*, October, 1991.

2.3 *Toxics Management Program's Guidance for Conduction and Reporting the Results of Toxicity Tests in Fulfillment of VPDES Permit Requirements*, Revised July 1992.

3.0 SCREENING

3.1 Test Duration

24 Hours, 48 Hours or 96 Hours.

3.2 Test Preparation

3.2.1 Measure the pH, D.O. and total residual chlorine of the 100% effluent and the control water. If the effluent pH falls outside of the range of 6.0-9.0, two parallel tests are set up in which one effluent is adjusted and the other is not. The pH is adjusted to 7.0 using additions of 1N NaOH and HCl, (other pH adjustment endpoints may be utilized depending on local requirements). The measured amount of acid or base is recorded on the bench sheet. If the D.O. is below 40% saturation or above 100% saturation, the effluent is aerated prior to test initiation. If the total chlorine is above 0.1 mg/L, two parallel tests are set up in which one

effluent is dechlorinated and the other is not (Dechlorination may be prohibited; permit is checked to determine if dechlorination is allowed). The effluent is dechlorinated by the addition of anhydrous sodium thiosulfate. The measured amount is recorded on the bench sheet. Care is taken to add the least amount of sodium thiosulfate needed to decrease the TRC level below 0.10 mg/L. Typically, adjustment of effluent is unnecessary.

3.2.2 Twenty organisms per concentration are used in acute screening tests.

3.2.3 This is a static, non-renewal test, using *Ceriodaphnia dubia, Daphnia pulex, Daphnia magna*, or *Pimephales promelas* (Fathead minnow).

3.2.4 Water quality (D.O., pH, conductivity, hardness, alkalinity and TRC), is measured at the time of test initiation. At test termination, temperature, D.O. conductivity and pH are measured. The final mortality and percent effected counts are recorded. Temperature is maintained at 25°± 1°C for *Daphnia*, and 20° ± 1°C for fathead minnows. Facilities exist to perform both fish and *Daphnia* tests at either temperature.

3.3 Test Results

No statistical analysis is performed on screening data.

4.0 DEFINITIVE TEST

4.1 *Pimephales promelas* (Fathead Minnows)

4.1.1 Test Duration

48-Hours or 96-Hours

4.1.2 Static non-renewal

4.1.3 Test Preparation

4.1.3.1 This test is comprised of a control and an effluent dilution series usually consisting of 100%, 50%, 25%, 12.5% and 6.25% (unless otherwise indicated).

4.1.3.2 The sample is brought up to test temperature in a room temperature water bath. Chemical parameters are checked and

recorded. If the pH, D.O. or chlorine fall outside the acceptable testing range, the effluent may be adjusted (see screening; Test Preparation).

4.1.3.3 The dilutions are prepared in calibrated graduated cylinders using moderately hard synthetic water as dilution water. Other dilution water may be used if specified.

4.1.3.4 Approximately 400 ml of test solution is placed in each of two 800 ml disposable plastic beakers.

4.1.4 Loading

Ten (10) organisms are placed in each beaker. CT&E uses fish which are less than 14 days old and are hatched within the same 24 hour period. A loading limit of 0.8 g/l is observed. Fish are loaded by first transferring them to a shallow dish where they are easily transferred into the test solutions with wide-bore pipettes.

4.1.5 Test Temperature

20° C (± 1)

4.1.6 Daily Procedures

4.1.6.1 At the end of each 24 hours, the pH, D.O. and temperatures are checked and recorded. At this time mortalities are also recorded.

4.1.6.2 If a 96 hour static acute test is required, the test solution may be renewed at 48 hours. Renewal is accomplished by siphoning old test solution and debris and replacing with fresh solution of the appropriate concentration.

4.1.6.3 At the end of 48 hours or 96 hours the final mortalities and percent affected are recorded along with the final water qualities (D.O., pH, conductivity).

4.1.7 Feeding

Organisms are allowed to feed only prior to test initiation, and prior to renewal at 48 hours in a 96 hour test.

4.2 *Ceriodaphnia dubia, Daphnia magna,* and *Daphnia pulex*

4.2.1 Test Duration

48-Hours

4.2.2 Static Non-renewal

4.2.3 Test Preparation

4.2.3.1 This test is comprised of a control and a dilution series consisting of 100%, 50%, 25%, 12.5% and 6.25% of the effluent (unless otherwise indicated).

4.2.3.2 The sample is brought up to test temperature in a room temperature waterbath. Chemical parameters are checked and recorded. If the pH, D.O. or chlorine fall outside the acceptable testing range, the effluent may be adjusted (see screening; Test Preparation).

4.2.3.3 The dilutions are prepared in beakers using moderately hard synthetic water (see Section II; Dilution Waters and Culture Media), unless other dilution water is specified. At least 25 ml. of each dilution are placed in five 30 ml. testing vessels.

4.2.4 Loading

4.2.4.1 Four organisms are placed in each vessel. The *Daphnids* are loaded with a disposable polyethylene transfer pipette and are gently released below the surface of the water to avoid the risk of injury.

4.2.5 Test Temperature

The test is conducted in a constant temperature incubator at 25° ±1° C(To satisfy local requirements tests may be conducted at other temperatures).

4.2.6 Daily Procedure

4.2.6.1 At 24 and 48 hours the mortalities and number adversely effected are noted.

4.2.6.2 Due to the fragile structure of *Daphnia* organisms, dissolved oxygen, hardness alkalinity, specific conductance and pH readings are not taken after the organisms have been added to the sample. These analyses could cause injury to the *Daphnia* organisms.

4.2.7 Photoperiod

16 hours light, 8 hours dark.

4.2.8 Feeding

Organisms are allowed to feed prior to test initiation; they are not fed for the duration of the test.

5.0 TEST DATA

5.1 *Pimephales promelas*, *Ceriodaphnia dubia*, *Daphnia magna* and *Daphnia pulex*

5.1.1 Mortality and adverse effects are used as the endpoints for a definitive test.

5.1.2 Chemical parameters checked before test initiation, at 24 hours, 48 hours, 72 hours and 96 hours.

5.1.3 Mortalities recorded at 24 hours, 48 hours, 72 hours and 96 hours.

5.1.4 Any atypical behavior or complications are recorded.

6.0 DATA ANALYSIS

6.1 Introduction

Data from acute effluent toxicity tests are used to estimate the LC50 and EC50. The LC50 is a point estimate of the effluent concentration that is expected to cause lethality to 50% of the test organisms. The EC50 is a point estimate of

the effluent concentration that is expected to cause and adverse effects to 50% of the test organisms.

6.2 Methods for Estimating the LC50 & EC50

6.2.1 The flow chart (Figure 6) on page 76 of the manual, *Methods for Measuring the Acute Toxicity of Effluents and Receiving Water to Freshwater and Marine Organisms* (Fourth Edition), EPA-600/4-90-27F, Appendix A, Sections 4.4.1 through 4.4.3. is observed for determination of the LC50 for multi-concentration acute toxicity tests.

6.2.2 Several statistics packages, including Toxstat® 3.4, are available for data analysis.

7.0 REPORT PREPARATION

7.1 CT&E Acute Toxicity Test Reports Typically Contain the Following Information:

7.1.1 Test background information - Includes client, NPDES or state permit number, sampling point reference number, date collected and received, collector's name, type and date of test, dilution water used, test results, and chain of custody forms.

7.1.2 Results - LC50 & EC50 values and analysis method used; Any comments concerning the test results.

7.1.3 Initial Characterization of the Effluent Sample - Raw Data Sheets: Includes dissolved oxygen (DO), pH, specific conductivity, hardness, alkalinity and a description of the sample source.

7.1.4 Reference Toxicity Data

CT&E Environmental Services Inc.
Standard Operating Procedure

Document Title:	**Culture Waters for Aquatic Toxicity Testing**
Method Reference:	**CT&E/USEPA**
Document File Name:	**7005-04.DOC**
Revision Number:	**4.0**
Effective Date:	**October 20, 1998**

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Document Control Number: 7005.

Approved by: Ken Halliday (Supervisor) Date: 10/21/98

Approved by: Linda M. Work (QA/QC Officer) Date: 10/20/98

1.0 Summary

This document describes the preparation of various waters used for the culture of aquatic organisms.

2.0 Moderately-Hard Synthetic Water

2.1 Place 19 liter of de-ionized, or equivalent, water in a properly cleaned and labeled plastic carboy.

2.2 Add 1.20 g of $MgSO_4$, 1.92 g $NaHCO_3$ and 0.08g KCl to the carboy.

2.3 Aerate overnight.

2.4 Add 1.20 g of $CaSO_4 \cdot 2H_2O$ to 1 liter of de-ionized or equivalent water in a separate flask. Stir on magnetic stirrer until calcium sulfate is dissolved and add to the 19 liter above and mix well.

2.5 Aerate vigorously for 24 hours to stabilize the medium.

3.0 Hard Synthetic Water

3.1 Place 9 liter of de-ionized, or equivalent, water in a properly cleaned and labeled plastic carboy.

3.2 Add 1.20 g of $MgSO_4$, 1.92 g $NaHCO_3$ and 0.08g KCl to the carboy.

3.3 Aerate overnight.

3.4 Add 1.20 g of $CaSO_4 \cdot 2H_2O$ to 1 liter of de-ionized, or equivalent water in a separate flask. Stir on magnetic stirrer until calcium sulfate is dissolved and add to the 9 liter above and mix well.

3.5 Aerate vigorously for 24 hours to stabilize the medium.

4.0 Synthetic Water Solutions

4.1 KCL Stock Solution

4.1.1 Place 8 g of crystalline, reagent grade KCL in a 1 liter volumetric flask.
4.1.2 Bring the volume to one liter with distilled water.
4.1.3 Aerate vigorously for several hours before using.
4.1.4 Store in a 1 liter polyethylene bottle.

4.2 $MgSO_4$ Stock Solution

4.2.1 Place 120 g of regent water, anhydrous $MgSO_4$ powder in a 1 liter volumetric flask.
4.2.2 Bring the volume to one liter with distilled water.
4.2.3 Aerate vigorously for several hours before using.
4.2.4 Store in a 1 liter polyethylene bottle.

4.3 $NaHCO_3$ Stock Solution

4.3.1 Place 96 g of reagent grade $NaHCO_3$ powder in a 1 liter volumetric flask.
4.3.2 Bring the volume to 1 liter with distilled water
4.3.3 Aerate vigorously for several hours before using.
4.3.4 Store in a 1 liter polyethylene bottle.

5.0 Activated Carbon Treated Tap Water Diluent

5.1 Fill a 5-gallon carboy with water from the treatment system using the attached hose. Water should be allowed to flow slowly through the hose into the sink for 2-3 minutes before filling the carboy. Flow rate to fill the carboy should be slow.

5.2 One or two long airstones are placed in the filled carboy. Water is aerated vigorously for 48-hours.

5.3 Total residual chlorine must be checked on water from newly filled carboys before using.

5.4 Alkalinity, hardness and pH are checked on samples from dechlorinated water carboys according to the Laboratory Procedure Checklist.

5.5 Log information on the Dechlorinated Tap Water and Cechlorimeter log sheet including the carboy number and date filled.

6.0 Synthetic Sea Water Preparation

6.1 Fill a clean carboy with dechlorinated water to approximately the 25-gallon mark.

6.2 The newly filled carboy should be checked for the presence of chlorine and the results recorded on the saltwater carboy log sheet. If chlorine is present, two 4-inch airstones (adjusted to a moderately heavy air flow) should be introduced and the water aerated until a level of <0.01 mg/L is reached.

6.3 A sufficient amount of synthetic salt is added to the carboy to obtain the required salinity (usually 20 ppt).

6.4 All information should be logged on the Saltwater Carboy log sheet.

CT&E Environmental Services Inc.
Standard Operating Procedure

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Method Reference:	**CT&E/USEPA**
Document File Name:	**7006-05.DOC**
Revision Number:	**5.0**
Effective Date:	**March 12, 2001**

Document Control Number: 7006

Approved by: Ken Halliday (Supervisor) 3/23/2001 (Date)

Approved by: (QA/QC Officer) 3/23/2001 (Date)

1.0 Summary

This document describes the procedure for the culture of *Ceriodaphnia dubia, Daphnia pulex, Daphnia magna* that are used in aquatic toxicity testing.

2.0 Mass Stock Cultures of *Ceriodaphnia dubia, Daphnia pulex,* and *Daphnia magna*

2.1 Stock cultures are maintained in 1000 ml beakers/jars with 900 mls of culture media at 20 ± 1° C. These cultures are maintained only as a back-up source of organisms.

2.2 Culture media for *Ceriodaphnia dubia* and *Daphnia pulex* is moderately-hard synthetic water. Culture media for *Daphnia magna* is hard synthetic water (see document control number 7005.04, "Culture Waters for Aquatic Toxicity Testing").

2.3 Many cultures are maintained simultaneously with an informal rotation cycle. New cultures are started with young produced by individual cultures. These cultures are maintained for approximately 3 weeks after which they are discarded.

2.4 Cultures are fed YCT (yeast, cerophyll, digested trout chow/flake food) and algae (*Selanastrum capricorium*) on Monday, Wednesday and Friday. Feeding, as well as culture rotation, temperature and all other relevant data is recorded by species in a log book.

2.5 Stock cultures are also fed algae and YCT. These feedings are recorded in the log book.

3.0 Individual Cultures of *Ceriodaphnia dubia, Daphnia pulex, Daphnia magna*

3.1 Cultures of *Daphnia magna* and *Daphnia pulex* are maintained in 100 ml plastic beakers. Twenty-four (24) beakers with one organism each are kept at all times to ensure continuous availability of neonates for testing. Cultures of individual *Ceriodaphnia dubia* are maintained in 30 ml sterile plastic medicine cups. One to two cultures of approximately 100 organisms each are kept at all times.

3.2 Cultures are renewed three times per week. Organisms are fed daily.

4.0 Obtaining Neonates for Testing

4.1 Cultures of *Ceriodaphnia* are started by placing one neonate into a 30 ml disposable plastic cup containing approximately 20 ml of Moderately Hard Synthetic Water. New *Ceriodaphnia* cultures are started every ten to fourteen days. *D. magna* and *D. pulex* are replaced whenever mortality occurs.

4.2 The individual cultures are transferred to fresh media three times per week. Synthetic water, algae and YCT are mixed prior to pouring into culture vessel to ensure uniformity of media. The old media and neonates are kept for stock cultures for several weeks and then discarded.

4.3 To assure neonates for chronic tests are of a very similar age, transfer of individual brood stock to fresh media should be made the morning of the test. The cultures are then checked approximately every two hours to find an adequate number of neonates all released with an 8 hour period. For acute tests, individuals are either transferred less than 24 hours before a test or the young are separated from adults less than 24 hours before a test.

4.4 Young used in chronic testing are obtained from adults who have produced at least three broods, with no less than 8 neonates in their third or subsequent brood. Neonates are then distributed in a "blocking" procedure, i.e., neonates from the same organism are placed in one replication of each concentration.

5.0 *DAPHNIA* Food

5.1 Digested Flake Food

5.1.1 Add 5g flake food to 1 L deionized water. Mix well in a blender and place in a 2 L separatory funnel. To digest, aerate this mixture at room temperature for one week.

5.1.2 At end of the digestion period, remove aeration and allow to settle.

5.1.3 Drain sediment. Place supernatant in a beaker and allow to settle in refrigerator overnight.

5.1.4 Filter through fine mesh.

5.2 Cerophyll®

5.2.1 Add 5g Cerophyll® to 1 L deionized water. Mix in a blender on high speed for 5 minutes.

5.2.2 Remove from blender and allow to settle in refrigerator overnight.

5.2.3 Retain supernatant for combined YCT food.

5.3 Yeast

5.3.1 Add 5g dry yeast to 1 L deionized water. Mix in a blender at low speed.

5.3.2 Do not allow mixture to settle.

5.4 Combined YCT Food

5.4.1 Mix equal parts of each of the above preparations in large clean beakers.

5.4.2 Pour well mixed YCT into small screw cap bottles. Freeze until needed.

CT&E Environmental Services Inc.
Standard Operating Procedure

Document Title:	**Reference Toxicant Testing**
Method Reference:	**CT&E/USEPA**
Document File Name:	**7008-05.DOC**
Revision Number:	**5.0**
Effective Date:	**March 12, 2001**

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Document Control Number: 7008

Approved by: Ken Holliday — Supervisor — Date: 3/23/2001

Approved by: [signature] — QA/QC Officer — Date: 3/23/2001

1.0 Summary

To insure that healthy organisms are used in testing, CT&E performs monthly QA/QC tests on all in-house cultured organisms. CT&E uses Sodium Chloride as a reference toxicant.

2.0 *Pimephales promelas*

2.1 48 hour static acute toxicity tests are run at 20°C (±1°C) using fish 1 to 14 days old.

2.2 This test consists of a control and a dilution series of 10g/L, 9g/L, 8g/L, 7g/L, and 6g/L, of sodium chloride. Other dilution series may be used.

2.3 The dilutions are prepared in 800 ml disposable plastic beakers using moderately hard synthetic water. 500 mls of test solution is placed in each of two replications. Water quality values are measured and recorded at this time.

2.4 Ten organisms are placed in each replicate. Fish are loaded by first siphoning them into a shallow pan from which they are transferred to the beakers with a large bore pipette.

2.5 The test is terminated at 48 hours. At this time, mortalities are recorded along with final water quality data.

3.0 Daphnids *(Ceriodaphnia dubia, Daphnia magna, Daphnia pulex)*

3.1 48 hour static acute tests are performed at 25°C (±1°C) using organisms less than 24 hours old.

3.2 These tests consist of a control and a five dilution series. The concentration of the reference toxicant is varied depending on species.

3.2.1 *Ceriodaphnia dubia, Daphnia pulex:* 10, 5, 2.5, 1.25, 0.625 grams/L

3.2.2 *Daphnia magna:* 10, 5, 2.5, 1.25, 0.625 grams/L

3.3 Dilutions are prepared using moderately hard synthetic water. 20 mls of each dilution are placed in each of 5 plastic medicine cups.

3.4 Four organisms are placed in each test vessel. The *Daphnids* are loaded with a disposable plastic pipette. Organisms are gently released below the surface of the water to minimize risk of injury.

3.5 The test is terminated at 48 hours. At this time, mortalities are recorded along with final water quality data.

4.0 Data Analysis

4.1 Toxicity tests are conducted on a monthly basis.

4.2 The LC_{50} is calculated according to EPA protocols.

4.3 Results from these tests are incorporated into Q-sum charts. These records are kept in monthly files.

CT&E Environmental Services Inc.
Standard Operating Procedure

Document Title: Sample Handling for Aquatic Toxicity Testing
Method Reference: CT&E/USEPA
Document File Name: 7009-04.DOC
Revision Number: 4.0
Effective Date: October 20, 1998

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Document Control Number: 7009.

Approved by: [signature] Supervisor Date 10/21/98

Approved by: [signature] QA/QC Officer Date 10/20/98

1.0 Summary

This document describes the manner in which sample waters (effluents, wastewaters, etc.) are handled from point of collection to testing.

2.0 Sample Handling

2.1 Sampling Personnel

CT&E's sampling personnel are trained and experienced in the techniques for collecting samples according to NPDES permit requirements. This includes the use of automatic sampling equipment and the measurement of various field parameters.

2.2 Sample Containers

Sample containers used by CT&E are disposable plastic cubitainers®.

2.3 Sample Collection Points

For NPDES permit required tests, the sample will be collected at the point specified in the discharge permit unless otherwise directed by the regulatory agency.

2.4 Sample Shipment

Samples are placed on ice (sufficient to maintain 0-4°C) in a cooler and are transported as quickly as possible to the laboratory.

2.5 Laboratory Handling of Samples

Upon delivery to the laboratory, the effluent samples are inspected, given a sample control number and stored at 4° C until used for testing.

2.6 Sample Holding Time

Samples will be tested within 24 hours upon receipt in the laboratory. The maximum lapsed time for collection of a grab or composite sample and the initiation of test, or for test solution renewal, will not exceed 36-hours for Chronic and Acute Testing.

3.0 LABORATORY ENVIRONMENT

3.1 Laboratory Arrangement

The aquatic toxicity testing laboratory is divided into two separate areas: (1) the culturing laboratory and (2) the testing laboratory. See attached diagram for details of laboratory layout.

3.2 Temperature

The aquatic toxicity testing laboratory air temperature is maintained at 20 ± 1° C throughout the year by a central heating and cooling system which is regulated by thermostats. Temperatures are continuously recorded by thermographs.

3.3 Water

Several waters are available for use in the laboratory. CT&E has access to municipally supplied water, well water and reagent water from which synthetic water is prepared. Waters used for culturing and testing are analyzed semiannually for priority pollutants and other contaminants. A detailed report is available.

3.4 Lighting

Ambient laboratory lighting is regulated with a 16 hour day/8 hour night photoperiod controlled by an electronic timing system in the culturing and testing areas.

4.0 LABORATORY EQUIPMENT

4.1 General

Instruments used for the measurement of physical and chemical parameters are calibrated prior to use in testing. Any instrument that exceeds the calibration limits is taken out of service and corrective action is taken.

4.2 Balances

Analytical balances are calibrated against standard weights prior to use. All calibration results and adjustments are recorded in bound books.

4.3 Water Quality Meters

Meters are calibrated prior to use using known standards and the manufacturer's instructions. Records of calibration are kept in logbooks. Detailed procedures for the operation of these meters are found in SOP's for each specific instrument.

4.4 Reagents

All reagents are stored in a separate area. Expired reagents and chemicals are discarded.

4.5 Test Containers

All test containers are either clean reusable glassware or new, disposable plastic beakers.

5.0 EQUIPMENT CLEANING PROCEDURES

5.1 Equipment used in culturing or testing is washed in the following manner:

5.1.1 Soak 15 minutes and scrub with detergent in tap water.
5.1.2 Rinse three times with tap water.
5.1.3 Rinse once with 20% nitric acid.
5.1.4 Rinse twice with deionized water.
5.1.5 Rinse once with full-strength, pesticide-grade acetone.
5.1.6 Rinse well with deionized water.
5.1.7 Invert and air dry.
5.1.8 All equipment and test chambers are rinsed with deionized water immediately prior to use for each test.

Appendix II
Chain of Custody

TAS-EOP053-1/2

Chain of Custody Record

General Electric Co.

100 Woodlawn Ave. Pittsfield, MA 01201

Chain of Custody #: OBG050305

Wet **Weather Acute Aquatic Toxicity for** MAY 2005

Project # NPDES PERMIT	Analytical Lab: CT&E Environmental Services Inc.			Sampled By: (Print) MARK WASNEWSKY		
Sample #	**Date**	**Time**	**Containers**	**Parameters to be Analyzed**	**Preservative**	**Remarks**
A6460C	5/2 to 5/3/05	1100 AM	1 Gallon plastic	Definitive Test(LC50 and NOAEL), Static acute toxicity, 48 hr w/ Daphnia pulex	Chilled	(See below)
A6460C	5/2 to 5/3/05	1100 AM	1000 ml. plastic	Chloride, TSS,Total Solids, Alkalinity Specific Conductance, CL2	Chilled	
A6460C	5/2 to 5/3/05	1100 AM	500 ml. plastic	Total Phosphorus, TOC, NH3	H2SO4	
A6459R	5/2/05	815 AM	1 Gallon plastic	Housatonic River water dilution water for definitive test	Chilled	
A6459R	5/3/05	815 AM	1000 ml. plastic	Chloride, TSS,Total Solids, Alkalinity Specific Conductance, CL2	Chilled	
A6459R	5/3/05	815 AM	500 ml. plastic	Total Phosphorus, TOC, NH3	H2SO4	

Relinquished By:	**Date/Time**	**Received By:**	**Date/Time**
Mark Wasnewsky	5-3-05		5/3/05 1400
Relinquished By:	**Date/Time** 5-3-05 1430	**Received By:**	**Date/Time** 5/4/05 1010

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- 745 AM 004- / 005-64T- 700 AM 005-64G- 700 AM 007- / 09A- / 09B- 800 AM

The time of compositing the final flow-proportioned sample was 1100 **A.M.** Receipt Temp = 4.7 °C

Appendix III

Bench Data

General Electric – 48-hour Acute Biotoxicity Bench Sheet

Client: General Electric

Project: Wet Weather Acute

Lab. No.: TAS-EO-P053-001/002

Sample Date: 05/02-03/05 Time: 11:00

Date Received: 05/04/05

Source: EFFLUENT COMPOSITE

Date Analyzed: 05/04/05

Source of dilution water: HOUSATONIC RIVER WATER

Analyst(s): KH

Test Species: *Daphnia pulex* Age: _____ Temp. Range: °C

Type of Test: 48-Hour Static Acute

Total Chlorine: n/d

	Beginning	Ending
Date:	05/04/05	05/06/05
Time:	1300	1300

Concentration→	Housatonic River Control	MHSW Control	MHSW $Na_2S_2O_3$ Control	Effluent 5%	Effluent 15%	Effluent 35%	Effluent 50%	Effluent 75%	Effluent 100%
START									
Temperature	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
Hardness	300	110	110						290
D.O.	8.74	8.78	8.82	8.75	8.74	8.74	8.72	8.72	8.72
pH	6.29	7.12	7.15	6.39	6.48	6.57	6.73	6.88	6.97
Alkalinity	53	68	70						207
Sp. Conduct.	~~300~~ 175	343	350	193	304	438	612	779	809
24 HOUR									
No. Surviving	20	20	20	20	20	20	20	20	20
Temperature	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
D.O.	8.68	8.71	8.70	8.65	8.64	8.68	8.61	8.67	8.60
pH	6.34	7.17	7.19	6.46	6.59	6.55	6.84	6.97	704
Sp. Conduct.	184	357	359	208	322	450	622	792	822
48 HOUR									
No. Surviving	20	20	20	20	20	20	20	20	20
Temperature	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
D.O.	8.62	8.68	8.64	8.60	8.58	8.62	8.57	8.60	8.62
pH	6.41	7.21	7.23	6.51	6.63	6.62	6.82	6.93	7.09
Sp. Conduct.	198	363	371	212	317	444	628	784	813

Method Reference: *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms.*, Fourth Edition. EPA-600/4-90/027F. U.S.EPA, Cincinnati, Ohio.

TRIMMED SPEARMAN-KARBER METHOD. MONTANA STATE UNIV

FOR REFERENCE, CITE:
HAMILTON, M.A., R.C. RUSSO, AND R.V. THURSTON, 1977.
TRIMMED SPEARMAN-KARBER METHOD FOR ESTIMATING MEDIAN
LETHAL CONCENTRATIONS IN TOXICITY BIOASSAYS.
ENVIRON. SCI. TECHNOL. 11(7): 714-719;
CORRECTION 12(4):417 (1978).

DATE: 05/04/05 TEST NUMBER: - DURATION: 48 HOURS
CHEMICAL: NaCl SPECIES: PULEX

RAW DATA:

CONCENTRATION(MG/L)	625.00	1250.00	2500.00	5000.00	*******
NUMBER EXPOSED:	20	20	20	20	20
MORTALITIES:	0	3	14	20	20
SPEARMAN-KARBER TRIM:		0.00%			

SPEARMAN-KARBER ESTIMATES: LC50: 1961.46
95% LOWER CONFIDENCE: 1638.21
95% UPPER CONFIDENCE: 2348.49

Acute Biotoxicity Bench Sheet

Client: QC
Project: Reference Toxicant Lab. No.:

Sample Date: Time: Date Received:
Source: NaCl Date Analyzed:
Source of dilution water: Moderately Hard Synthetic Water Analyst: KH
Test Species: Daphnia pulex Age: Temp. Range: °C
Type of Test: 48 Hour Acute

Total Chlorine: n/d

	Beginning	Ending
Date:	05/04/05	05/06/05
Time:	1600	1600

Concentration	Control		625	1250	2500	5000	10,000
START							
Temperature	20.1		20.1	20.1	20.1	20.1	20.1
Hardness	100						120
D.O.	8.7		8.8	8.8	8.8	8.8	8.8
pH	7.0		7.1	7.2	7.2	7.2	7.2
Alkalinity	71						74
Sp. Conduct.	338		2010	2760	5930	10240	13010
24 HOUR							
Temperature	20.5		20.5	20.5	20.5	20.5	20.5
No. Surviving	20		20	20	13	4	0
48 HOUR							
Temperature	20.4		20.4	20.4	20.4	20.4	20.4
No. Surviving	20		20	17	6	0	0

Note: All results expressed in mg/L unless otherwise designated. < = less than
Note: Number in parenthesis equals number not adversely effected (EC_{50}). This number is used in calculating EC_{50} value.
Note: Due to fragile structure of *Daphnia* organisms, dissolved oxygen (DO), hardness, alkalinity, specific conductance, and pH reading could not be taken after the organisms are added to the sample. Doing so would cause injury to the organisms.
Method Reference: *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms.*, Fourth Edition. EPA-600/4-90/027F. U.S.EPA, Cincinnati, Ohio.

Appendix IV

U.S. EPA Region I Toxicity Test Summary

Toxicity Test Summary Sheet

Facility Name: General Electric Co. Test Start Date: May 04, 2005
NPDES Permit Number: MA 000 3891 Pipe Number: 001, 005-64T, 005-64G, 09A, 09B

Test Type	Test Species	Sample Type	Sample Method
☑ Acute	☐ Fathead minnow	☐ Prechlorinated	☐ Grab
☐ Chronic	☐ Ceriodaphnia	☐ Dechlorinated	☑ Composite
☐ Modified*	☑ Daphnia pulex	☐ Chlorine	☐ Flow thru
☐ 24-hour Screening	☐ Mysid Shrimp	☐ Spiked at lab	☐ Other
	☐ Menidia	☑ Chlorinated on-site	
	☐ Sea Urchin	☐ Unchlorinated	
	☐ Champia		
	☐ Selenastrum		
	☐ Other		

*Modified (Chronic reporting acute values)

Dilution Water

X Receiving waters collected at a point upstream of or away from the discharge, free from toxicity or other sources of contamination (Receiving water name: Housatonic River);

___ Alternate surface water of known quality and a harness, etc. to generally reflect the characteristics of the receiving water;

___ Synthetic water prepared using either Millipore Mill-Q or equivalent deionized water and reagent grade chemicals; or deionized water combined with mineral water;

___ or artificial sea salts mixed with deionized water;

___ Deionized water and hypersaline brine; or

___ other

Effluent sampling date(s): May 02, 2005 to May 03, 2005

Effluent concentrations tested (in %): 100 75 50 35 15 5
*(Permit limit concentration): N/A

Was effluent salinity adjusted? No
If yes, to what value? N/A ppt
With sea salts? N/A Hypersaline brine solution? N/A

Actual effluent concentrations tested after salinity adjustment
(In %): N/A N/A N/A N/A N/A N/A
Reference Toxicant Test Date: May 04, 2005 to May 06, 2005

N/A= not applicable

Permit Limits & Test Results

Test Acceptability Criteria

MEAN CONTROL SURVIVAL: 100% MEAN CONTROL REPRODUCTION: N/A

MEAN CONTROL WEIGHT: N/A MEAN CONTROL CELL COUNT: N/A

Limits		Results	
LC50	N/A	48-hr LC50	>100%
		Upper Value	N/A
		Lower Value	N/A
		Data Analysis Method used:	N/A
A-NOEC	N/A	A-NOEC	100%
C-NOEC	N/A	C-NOEC	N/A
		LOEC	N/A
IC25	N/A	IC25	N/A
IC50	N/A	IC50	N/A

N/A = not applicable