GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

Transmitted via Overnight Courier

May 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 April 2005 (GECD900)

Dear Mr. Tagliaferro and Ms. Steenstrup:

Enclosed are copies of General Electric's (GE's) monthly progress report for April 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, P.E.
Manager - Facilities and Brownfields Programs

Enclosure
V:\GE_Pittsfield_General\Reports and Presentations\Monthly Reports\2005\04-05 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)

APRIL 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)
APRIL 2005

a. Activities Undertaken/Completed

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

- Attended Citizens Coordinating Council (CCC) meeting (April 6, 2005).

- Received notification from Berkshire Gas Company (BGC) that their primary environmental consultant was changed to Ish, Inc. (April 25, 2005).

- Conducted sampling of potential backfill material sources (see Table G-1).

b. Sampling/Test Results Received

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

- NPDES Discharge Monitoring Reports (DMRs) for the period of March 1 through March 31, 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 April 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

Submitted GE's Annual Report to EPA, MDEP, and Connecticut Department of Environmental Protection (April 5, 2005).*

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 APRIL 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 Sampling	BERKCONCRETE-GRAVEL-C1	4/20/05	Soil	SGS	PCB, VOC, SVOC, Metals	
Bushika Gravel Pit Backfill Sampling	BUSHIKA-GRAVEL-C1	4/20/05	Soil	SGS	PCB, VOC, SVOC, Metals	
Hurleys Gravel Pit Backfill Sampling	HURLEYS-GRAVEL-C1	4/20/05	Soil	SGS	PCB, VOC, SVOC, Metals	

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

a. Activities Undertaken/Completed

- Executed agreement with Berkshire Gas Company regarding subordination agreements for its easements at the 20s and 30s Complexes, subordinating its interests to the Grants of Environmental Restrictions and Easements (EREs) for those complexes.*

- Received subordination agreements executed by Berkshire Gas Company for its easements at the 20s and 30s Complexes, subordinating its interests to EREs .*

- Completed pre-demolition activities and initiated demolition activities at Buildings 42, 43/43-A, and 44.

- Continued oil monitoring in Building 43 elevator shaft; no recoverable quantities were encountered (see Item 21.a).

- Initiated 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).

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Sent letter to City of Pittsfield Building Inspector regarding GE's contact with CSX Transportation, Inc. (April 1, 2005).

- Submitted letter notifying EPA of proposed air monitoring locations to be used during demolition activities at the 40s Complex (April 20, 2005).

- Submitted Notice of Transfer of responsibility, coverage, and liability for NPDES Permit Program Outfalls 001, 01A, and 004 at 20s and 30s Complexes (April 26, 2005).*

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

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

- Continue demolition activities at Buildings 42, 43/43-A, and 44.
- Complete transfer of 20s and 30s Complexes to PEDA.
- Complete concrete core characterization at 40s Complex for non-PCB Appendix IX+3 constituents as described in Item a. above.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

Received verbal approval from EPA (D. Tagliaferro of EPA to J. Novotny of GE) to use Kellogg Street to Woodlawn Avenue into Plant Site for hauling demolition debris from 40s Complex to On-Plant Consolidation Areas (OPCAs) (Building 71 and Hill 78 cells) as appropriate (April 6, 2005).*

TABLE 1-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 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	42-2-CF-1	4/28/05	Concrete	SGS	VOC, SVOC, Metals	
40's Complex Building Sampling	42-2-CF-2	4/28/05	Concrete	SGS	VOC, SVOC, Metals	
40's Complex Building Sampling	42-3-CF-2	4/28/05	Concrete	SGS	VOC, SVOC, Metals	
40's Complex Building Sampling	42-3-CW-1	4/28/05	Concrete	SGS	VOC, SVOC, Metals	
40's Complex Building Sampling	42-4-CF-1	4/28/05	Concrete	SGS	VOC, SVOC, Metals	
40's Complex Building Sampling	42-4-CF-2	4/28/05	Concrete	SGS	VOC, SVOC, Metals	
40's Complex Building Sampling	42-R-C-1	4/29/05	Concrete	SGS	VOC, SVOC, Metals	
40's Complex Building Sampling	43-3-CF-2	4/29/05	Concrete	SGS	VOC, SVOC, Metals	
40's Complex Building Sampling	43-4-CF-1	4/29/05	Concrete	SGS	VOC, SVOC, Metals	
40's Complex Building Sampling	43-5-CF-2	4/29/05	Concrete	SGS	VOC, SVOC, Metals	
40's Complex Building Sampling	43-DUP-1 (43-5-CF-2)	4/29/05	Concrete	SGS	VOC, SVOC, Metals	
40's Complex Building Sampling	43-R-C-1	4/29/05	Concrete	SGS	VOC, SVOC, Metals	
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	4/25/05	Air	Berkshire Environmental	Particulate Matter	5/3/05
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	4/25/05	Air	Berkshire Environmental	Particulate Matter	5/3/05
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	4/25/05	Air	Berkshire Environmental	Particulate Matter	5/3/05
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	4/25/05	Air	Berkshire Environmental	Particulate Matter	5/3/05
Ambient Air Particulate Matter Sampling	Background Location	4/25/05	Air	Berkshire Environmental	Particulate Matter	5/3/05
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	4/26/05	Air	Berkshire Environmental	Particulate Matter	5/3/05
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	4/26/05	Air	Berkshire Environmental	Particulate Matter	5/3/05
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	4/26/05	Air	Berkshire Environmental	Particulate Matter	5/3/05
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	4/26/05	Air	Berkshire Environmental	Particulate Matter	5/3/05
Ambient Air Particulate Matter Sampling	Background Location	4/26/05	Air	Berkshire Environmental	Particulate Matter	5/3/05
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	4/28/05	Air	Berkshire Environmental	Particulate Matter	5/3/05
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	4/28/05	Air	Berkshire Environmental	Particulate Matter	5/3/05
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	4/28/05	Air	Berkshire Environmental	Particulate Matter	5/3/05
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	4/28/05	Air	Berkshire Environmental	Particulate Matter	5/3/05
Ambient Air Particulate Matter Sampling	Background Location	4/28/05	Air	Berkshire Environmental	Particulate Matter	5/3/05
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	4/29/05	Air	Berkshire Environmental	Particulate Matter	5/3/05
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	4/29/05	Air	Berkshire Environmental	Particulate Matter	5/3/05
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	4/29/05	Air	Berkshire Environmental	Particulate Matter	5/3/05
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	4/29/05	Air	Berkshire Environmental	Particulate Matter	5/3/05
Ambient Air Particulate Matter Sampling	Background Location	4/29/05	Air	Berkshire Environmental	Particulate Matter	5/3/05
PCB Ambient Air Sampling	W3 (West of 40s)	4/25 - 4/26/05	Air	Berkshire Environmental	PCB	5/3/05
PCB Ambient Air Sampling	S2 (Woodlawn Avenue)	4/25 - 4/26/05	Air	Berkshire Environmental	PCB	5/3/05
PCB Ambient Air Sampling	M2 (South of Bldg. 5)	4/25 - 4/26/05	Air	Berkshire Environmental	PCB	5/3/05
PCB Ambient Air Sampling	MC3 (Near Bldgs. 16 & 19)	4/25 - 4/26/05	Air	Berkshire Environmental	PCB	5/3/05
PCB Ambient Air Sampling	MC3-CO (Colocated - near Bldgs. 16 &	4/25 - 4/26/05	Air	Berkshire Environmental	PCB	5/3/05
PCB Ambient Air Sampling	BM1 (Background - Inside GE Gate 31)	4/25 - 4/26/05	Air	Berkshire Environmental	PCB	5/3/05

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

TABLE 1-2
AMBIENT AIR PCB DATA RECEIVED DURING APRIL 2005

PCB AMBIENT AIR CONCENTRATIONS
20s, 30s, 40s COMPLEX
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Date	W3 (West of 40s) (µg/m3)	S2 (Woodlawn Avenue) (µg/m3)	M2 (South of Bldg. 5) (µg/m3)	MC3 (Near Bldgs. 16 & 19) (µg/m3)	MC3-CO (Colocated - near Bldgs. 16 & 19) (µg/m3)	BM1 (Background - Inside GE Gate 31) (µg/m3)
04/25 - 04/26/05	ND	0.0020	0.0004	0.0005	0.0018	0.0008
Notification Level	0.05	0.05	0.05	0.05	0.05	0.05

Note:
ND = Non Detect (<0.0003)

TABLE 1-3
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING APRIL 2005

PARTICULATE AMBIENT AIR CONCENTRATIONS
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
04/25/05	W3 - West of 40s Complex	0.006	0.011*	10:30	SW
	MC3 - Near Bldg. 16 & 19	0.013*		10:45	
	M2 - South of Bldg. 5	0.009*		10:45	
	S2 - Woodlawn Avenue	0.003		10:45	
04/26/05	W3 - West of 40s Complex	0.011	0.011*	11:00	SW
	MC3 - Near Bldg. 16 & 19	0.010*		10:30	
	M2 - South of Bldg. 5	0.012*		10:30	
	S2 - Woodlawn Avenue	0.010		7:15[1]	
04/27/05[2]	W3 - West of 40s Complex	NA	NA	NA	NA
	MC3 - Near Bldg. 16 & 19				
	M2 - South of Bldg. 5				
	S2 - Woodlawn Avenue				
04/28/05	W3 - West of 40s Complex	0.012	0.011*	10:00	NW
	MC3 - Near Bldg. 16 & 19	0.020*		9:45	
	M2 - South of Bldg. 5	0.014* [3]		NA[3]	
	S2 - Woodlawn Avenue	0.012		9:45	
04/29/05	W3 - West of 40s Complex	0.007	0.012*	11:00	W
	MC3 - Near Bldg. 16 & 19	0.010*		10:30	
	M2 - South of Bldg. 5	0.006*		7:30[4]	
	S2 - Woodlawn Avenue	0.010		10:45	
Notification Level		0.120			

Notes:

NA - Not Available

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

* 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.

[1] Sampling period was shortened to delete invalid readings caused by interference from a spider.

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

[3] Average site concentration reflects average concentration manually recorded at the end of the day. Logged data, including averaging time, was lost due to technician error.

[4] Sampling period was shortened due to instrument not logging data for the first part of the morning, due to technician error.

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

a. Activities Undertaken/Completed

Performed sludge sampling at Building 64T, Vapor Phase Carbon Absorption (VPCA) sampling and carbon sampling at Building 64G, and sampling of oil from that originated from this area and was stored in drums at Building 78 (see Table 2-1).

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine process sampling at Buildings 64G and/or 64T.
- Complete restoration activities at the 60s Complex (weather permitting).
- Initiate additional sampling activities proposed in Interim Letter Report (submitted October 22, 2004) following EPA approval.*
- Develop 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 APRIL 2005

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Building 64G Carbon Sampling	64G-CARBON-1	4/27/05	Solid	SGS	PCB, VOC, SVOC, Total Metals, TCLP, Cyanide	
Building 64G Vapor Phase Carbon Drum Sampling	64G-CARBON-1	4/14/05	Carbon	SGS	PCB, TCLP	4/29/05
Building 64T Sludge Sampling	D5-64T-01	4/3/05	Sludge	SGS	PCB	4/11/05
Building 78 Drum Sampling	64X-COALTAR-OIL-	4/14/05	Oil	SGS	PCB, VOC, SVOC, Flashpoint, RCRA Metals (8)	
Building 78 Oil Drum Sampling	BLDG-66-COMP-1	3/30/05	Oil	SGS	PCB, VOC, SVOC, Metals	4/11/05

TABLE 2-2
PCB DATA RECEIVED DURING APRIL 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
D5-64T-01	4/3/2005	ND(2.1)	45	15	60

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 parentheses is the associated detection limit.

TABLE 2-3
DATA RECEIVED DURING APRIL 2005

BUILDING 78 OIL 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:	BLDG-66-COMP-1 03/30/05
Volatile Organics	
Toluene	0.060 J
Xylenes (total)	0.17
PCBs	
None Detected	--
Semivolatile Organics	
Fluoranthene	43 J
Phenanthrene	65 J
Pyrene	27 J
Inorganics	
Arsenic	0.580 B
Barium	6.80
Cadmium	1.10
Chromium	2.50
Lead	61.0

Notes:

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

Data Qualifiers:

Organics (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
PCB DATA RECEIVED DURING APRIL 2005

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

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
64G-CARBON-1	4/14/2005	ND(0.33)	5.7	ND(0.33)	5.7

Notes:

1. Sample was 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 2-5 for a summary of TCLP constituents.

TABLE 2-5
TCLP DATA RECEIVED DURING APRIL 2005

BUILDING 64G VAPOR PHASE CARBON 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:	TCLP Regulatory Limits	64G-CARBON-1 4/14/2005
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	0.093 J
Carbon Tetrachloride	0.5	ND(0.10)
Chlorobenzene	100	1.2
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	0.011 J
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	0.00920 B
Barium	100	0.140
Cadmium	1	ND(0.0200)
Chromium	5	ND(0.0500)
Lead	5	ND(0.100)
Mercury	0.2	ND(0.00200)
Selenium	1	0.00870 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 PCBs and TCLP constituents.
2. Please refer to Table 2-4 for a summary of PCBs.
3. ND - Analyte was not detected. The number in parentheses 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.

ITEM 3
PLANT AREA
EAST STREET AREA 2-NORTH
(GECD140)
APRIL 2005

a. Activities Undertaken/Completed

- Initiated equipment draining and dismantling activities at Buildings 1, 2, and 3 (April 18, 2005).
- Completed equipment draining and dismantling activities at Buildings 4, 5, and 6 and initiated asbestos removal activities (April 25, 2005).
- Completed the cut-up and off-site disposal of select equipment located in Building 15.
- Collected and tankered approximately 15,000 gallons of water from the Building 9 vault/pit to Building 64G for treatment.
- Conducted background PCB ambient air monitoring for Buildings 4, 5, and 6 (see Table 3-1).

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted Conceptual Removal Design/Removal Action (RD/RA) Work Plan (April 19, 2005).
- Submitted Pre-Excavation Notification for Facility Upgrades (April 27, 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.

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 APRIL 2005

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Building 15 Re-Sampling of Shear Attachment	KOBELCO-SHEAR-W1-R1	3/31/05	Wipe	SGS	PCB	4/4/05
Building 15 Re-Sampling of Shear Attachment	KOBELCO-SHEAR-W1-R2	3/31/05	Wipe	SGS	PCB	4/4/05
Building 15 Re-Sampling of Shear Attachment	KOBELCO-SHEAR-W2-R1	3/31/05	Wipe	SGS	PCB	4/4/05
Building 15 Re-Sampling of Shear Attachment	KOBELCO-SHEAR-W2-R2	3/31/05	Wipe	SGS	PCB	4/4/05
Building 15 Re-Sampling of Shear Attachment	KOBELCO-SHEAR-W3-R1	3/31/05	Wipe	SGS	PCB	4/4/05
Building 15 Re-Sampling of Shear Attachment	KOBELCO-SHEAR-W3-R2	3/31/05	Wipe	SGS	PCB	4/4/05
Building 78 Oil Drum Sampling	BLDG-15-VEH-OIL-1	3/30/05	Oil	SGS	PCB	4/1/05
PCB Ambient Air Sampling	S2 (Woodlawn Avenue)	4/21 - 4/22/05	Air	Berkshire Environmental	PCB	5/2/05
PCB Ambient Air Sampling	M2 (South of Bldg. 5)	4/21 - 4/22/05	Air	Berkshire Environmental	PCB	5/2/05
PCB Ambient Air Sampling	MC3 (Near Bldgs. 16 & 19)	4/21 - 4/22/05	Air	Berkshire Environmental	PCB	5/2/05
PCB Ambient Air Sampling	MC3-CO (Colocated - near Bldgs. 16 & 19)	4/21 - 4/22/05	Air	Berkshire Environmental	PCB	5/2/05
PCB Ambient Air Sampling	BM1 (Background - Inside GE Gate 31)	4/21 - 4/22/05	Air	Berkshire Environmental	PCB	5/2/05

TABLE 3-2
PCB DATA RECEIVED DURING APRIL 2005

BUILDING 15 RE-SAMPLING OF SHEAR ATTACHMENT
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in µg/100cm^2)

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
KOBELCO-SHEAR-W1-R1	3/31/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
KOBELCO-SHEAR-W1-R2	3/31/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
KOBELCO-SHEAR-W2-R1	3/31/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
KOBELCO-SHEAR-W2-R2	3/31/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
KOBELCO-SHEAR-W3-R1	3/31/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
KOBELCO-SHEAR-W3-R2	3/31/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)

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

TABLE 3-3
PCB DATA RECEIVED DURING APRIL 2005

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

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
BLDG-15-VEH-OIL-1	3/30/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)

Notes:
1. 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 parentheses is the associated detection limit.

TABLE 3-4
AMBIENT AIR PCB DATA RECEIVED DURING APRIL 2005

PCB AMBIENT AIR CONCENTRATIONS
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Date	S2 (Woodlawn Avenue) (µg/m3)	M2 (South of Bldg. 5) (µg/m3)	MC3 (Near Bldgs. 16 & 19) (µg/m3)	MC3-CO (Co-located - near Bldgs. 16 & 19) (µg/m3)	BM1 (Background - Inside GE Gate 31) (µg/m3)
04/21 - 04/22/05	0.0023	0.0010	0.0006	0.0012	ND
Notification Level	0.05	0.05	0.05	0.05	0.05

Note:
ND = Non Detect (<0.0003)

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

Sent notices to holders of encumbrances on Parcel K11-1-15 (i.e., Massachusetts Highway Department, U.S. Sprint Communications Company Limited Partnership, and Western Massachusetts Electric Company) that a Conditional Solution was implemented at the portion of that property within East Street Area 1-North (April 28, 2005).

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

- Develop Final Completion Report.
- Submit revised drafts of ERE, associated plans, and title commitment for GE-owned properties.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 5
PLANT AREA
HILL 78 & BUILDING 71 CONSOLIDATION AREAS
(GECD210/220)
APRIL 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 (see Table 5-1).
- Continued transfer of leachate from Building 71 OPCA to Building 64G for treatment. The total amount transferred in April 2005 was 192,000 gallons (see Table 5-3).
- Transferred soils and sediments from 1½ Mile Reach removal activities 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 1½ Mile Reach 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 APRIL 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	4/20/05	Air	Berkshire Environmental	Particulate Matter	4/26/05
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	4/20/05	Air	Berkshire Environmental	Particulate Matter	4/26/05
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	4/20/05	Air	Berkshire Environmental	Particulate Matter	4/26/05
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	4/20/05	Air	Berkshire Environmental	Particulate Matter	4/26/05
Ambient Air Particulate Matter Sampling	West of OPCAs	4/20/05	Air	Berkshire Environmental	Particulate Matter	4/26/05
Ambient Air Particulate Matter Sampling	Background Location	4/20/05	Air	Berkshire Environmental	Particulate Matter	4/26/05
Ambient Air Particulate Matter Sampling	North of OPCAs	4/21/05	Air	Berkshire Environmental	Particulate Matter	4/26/05
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	4/21/05	Air	Berkshire Environmental	Particulate Matter	4/26/05
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	4/21/05	Air	Berkshire Environmental	Particulate Matter	4/26/05
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	4/21/05	Air	Berkshire Environmental	Particulate Matter	4/26/05
Ambient Air Particulate Matter Sampling	West of OPCAs	4/21/05	Air	Berkshire Environmental	Particulate Matter	4/26/05
Ambient Air Particulate Matter Sampling	Background Location	4/21/05	Air	Berkshire Environmental	Particulate Matter	4/26/05
Ambient Air Particulate Matter Sampling	North of OPCAs	4/22/05	Air	Berkshire Environmental	Particulate Matter	4/26/05
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	4/22/05	Air	Berkshire Environmental	Particulate Matter	4/26/05
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	4/22/05	Air	Berkshire Environmental	Particulate Matter	4/26/05
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	4/22/05	Air	Berkshire Environmental	Particulate Matter	4/26/05
Ambient Air Particulate Matter Sampling	West of OPCAs	4/22/05	Air	Berkshire Environmental	Particulate Matter	4/26/05
Ambient Air Particulate Matter Sampling	Background Location	4/22/05	Air	Berkshire Environmental	Particulate Matter	4/26/05

TABLE 5-2
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING APRIL 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
04/20/05	North of OPCAs	0.044	0.030*	10:30	WNW
	Pittsfield Generating Co.	0.039*		11:00	
	Southeast of OPCAs	0.067		10:45	
	Southwest of OPCAs	0.036*		10:30	
	West of OPCAs	0.024		10:30	
04/21/05	North of OPCAs	0.007	0.010*	10:45	NNW
	Pittsfield Generating Co.	0.010*		10:45	
	Southeast of OPCAs	0.036		10:45	
	Southwest of OPCAs	0.007*		10:45	
	West of OPCAs	0.008		9:15[1]	
04/22/05	North of OPCAs	0.017	0.014*	11:15	SSE, SSW
	Pittsfield Generating Co.	0.009*		11:15	
	Southeast of OPCAs	0.039		11:15	
	Southwest of OPCAs	0.008*		11:15	
	West of OPCAs	0.013		11:15	
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.
[1] Monitor was reading low when first put out in the morning. Instrument was rezeroed and restarted.

TABLE 5-3
BUILDING 71 CONSOLIDATION AREA LEACHATE TRANSFER SUMMARY
PLANT AREA - HILL 78 & BUILDING 71 CONSOLIDATION AREAS

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

Month / Year	Total Volume of Leachate Transferred (Gallons)
April 2004	107,000
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

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)
APRIL 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.
- Conducted sampling of Building 78 filtered shower water (see Table 6-1).

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 6-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2005

HILL 78 AREA-REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Building 78 Filtered Shower Water Sampling	78-B1534-WATER-1	4/8/05	Water	SGS	PCB	4/15/05

TABLE 6-2
PCB DATA RECEIVED DURING APRIL 2005

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

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
78-B1534-WATER-1	4/8/2005	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)

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 parentheses is the associated detection limit.

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

a. Activities Undertaken/Completed

- Conducted pre-design soil sampling at three of the nine boring locations where refusal was previously encountered, as indicated in Item 7.e.*

- Notified MDEP of Potential Imminent Hazards (PIHs) (as defined in the MCP) at Parcel L11-4-11 at soil sample locations RAA10-E-JJ13, RAA10-E-KK13, and RAA10-E-KK14 (April 8, 2005) and RAA10-E-JJ14 and RAA10-E-LL16 (April 11, 2005).

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

- Conducted sampling of waste solvent drum and decontamination water originating in the Unkamet Brook Area stored in Building 78 (see Table 7-1).

- Collected and tankered approximately 5,000 gallons of water from a water main excavation at Building OP-3 to Building 64G for treatment.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted Pre-Excavation Notification for facility upgrades at the GE Advanced Materials Plant (April 27, 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).

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- Refusal was encountered at 1 foot below ground surface at six locations (previously listed as nine locations, but three locations were sampled as indicated in Item 7.a) 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.*

f. Proposed/Approved Work Plan Modifications

Received verbal approval from EPA/MDEP for the Pre-Excavation Notification letter (GE to EPA/MDEP dated March 25, 2005) for several planned major excavations in the vicinity of Building OP-3 (April 7, 2005).

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

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Building 78 Decon Water Sampling	78-B0254-WATER-1	4/8/05	NA	Water	SGS	PCB	4/15/05
GE Advanced Materials Site 1	107-A2207-SOLIDS-1	4/22/05	NA	Solid	SGS	PCB, TCLP	
GE Advanced Materials Site 1	108-1-1-OIL-1	3/31/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	108-1-2-OIL-1	4/5/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	108-1-3-OIL-1	4/5/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	108-1-4-OIL-1	4/6/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	108-1-5-OIL-1	4/5/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	108-1-6-OIL-1	4/6/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	108-F1669-OIL-1	4/5/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	108-F1670-OIL-1	4/5/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	108-F1671-OIL-1	4/5/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	108-F1672-OIL-1	4/5/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	109-1-1-OIL-1	3/31/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	109-1-2-OIL-1	3/31/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	109-1-3-OIL-1	4/5/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	109-A0623-SOLIDS-1	4/22/05	NA	Solid	SGS	PCB, TCLP	
GE Advanced Materials Site 1	109-B1526-WATER-1	4/18/05	NA	Water	SGS	PCB, VOC, SVOC, Flashpoint, RCRA Metals (8)	
GE Advanced Materials Site 1	109-B1527-WATER-1	4/18/05	NA	Water	SGS	PCB, VOC, SVOC, Flashpoint, RCRA Metals (8)	
GE Advanced Materials Site 1	109-B1528-WATER-1	4/8/05	NA	Water	SGS	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals (8)	4/20/05
GE Advanced Materials Site 1	109-ELEVATOR-OIL-1	4/18/05	NA	Oil	SGS	PCB	4/27/05
GE Advanced Materials Site 1	109-ELEVATOR-WATER-1	4/18/05	NA	Water	SGS	PCB, VOC, SVOC, RCRA Metals (8)	
GE Advanced Materials Site 1	110-1-PC-1	4/27/05	NA	Paint Chips	SGS	PCB	4/29/05
GE Advanced Materials Site 1	110-2-1-OIL-1	3/31/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	110-2-2-OIL-1	3/31/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	110-A0624-SOLID-1	4/15/05	NA	Solid	SGS	PCB, TCLP	4/29/05
GE Advanced Materials Site 1	110-C1450-WATER-1	4/18/05	NA	Water	SGS	PCB, VOC, SVOC, Flashpoint, RCRA Metals (8)	
GE Advanced Materials Site 1	111-A2208-SOLIDS-1	4/22/05	NA	Solid	SGS	PCB, TCLP	
GE Advanced Materials Site 1	111-B1524-WATER-1	4/21/05	NA	Water	SGS	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals	
GE Advanced Materials Site 1	112-1-1-OIL-1	3/31/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	112-1-2-OIL-1	3/31/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	112-SUMPS-SOLIDS-COMP-1	4/22/05	NA	Solid	SGS	PCB, TCLP	
GE Advanced Materials Site 1	113-1-1-OIL-1	3/31/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	113-1-2-OIL-1	3/31/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	113-1-3-OIL-1	3/31/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	113-1-4-OIL-1	3/31/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	113-B1519-WATER-1	4/21/05	NA	Water	SGS	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals	
GE Advanced Materials Site 1	113-B1525-WATER-1	4/18/05	NA	Water	SGS	PCB, VOC, SVOC, Flashpoint, RCRA Metals (8)	
GE Advanced Materials Site 1	113-B1597-WATER-1	4/21/05	NA	Water	SGS	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals	
GE Advanced Materials Site 1	113-B1598-WATER-1	4/21/05	NA	Water	SGS	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals	
GE Advanced Materials Site 1	113-PC-1	4/27/05	NA	Paint Chips	SGS	PCB	4/29/05
GE Advanced Materials Site 1	114-1-1-OIL-1	3/31/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	114-1-17-GLYCOL-1	3/31/05	NA	Glycol	SGS	PCB	4/5/05
GE Advanced Materials Site 1	114-1-2-OIL-1	3/31/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	114-1-3-OIL-1	3/31/05	NA	Oil	SGS	PCB	4/12/05

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

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
GE Advanced Materials Site 1	114-1-4-OIL-1	3/31/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	114-2-1-OIL-1	4/1/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	114-2-2-OIL-1	4/1/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	114-2-3-OIL-1	4/1/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	114-2-4-OIL-1	4/1/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	114-2-5-OIL-1	4/1/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	114-3-1-OIL-1	3/31/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	114-B1530-WATER-1	4/21/05	NA	Water	SGS	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals	
GE Advanced Materials Site 1	114-B1531-WATER-1	4/8/05	NA	Water	SGS	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals (8)	4/20/05
GE Advanced Materials Site 1	114-F1160-OIL-1	3/31/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	114-F1661-OIL-1	4/7/05	NA	Oil	SGS	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals (8)	4/20/05
GE Advanced Materials Site 1	114-F1662-WATER-1	4/7/05	NA	Water	SGS	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals (8)	4/20/05
GE Advanced Materials Site 1	114-F1663-WATER-1	4/7/05	NA	Water	SGS	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals (8)	4/20/05
GE Advanced Materials Site 1	114-F1796-OIL-1	3/31/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	114-ROOF-1-OIL-1	4/6/05	NA	Oil	SGS	PCB	4/12/05
GE Advanced Materials Site 1	114-SUMP-COMP-SOLID-1	4/15/05	NA	Solid	SGS	PCB, TCLP	4/29/05
Pre-Design Soil Investigation Sampling	Dup-1 (RAA10-E-PP24b)	4/5/05	6-15	Soil	SGS	PCB	4/21/05
Pre-Design Soil Investigation Sampling	RAA10-DUP-139 (RAA10-E-II13)	3/10/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/8/05
Pre-Design Soil Investigation Sampling	RAA10-DUP-140 (RAA10-N-C24)	3/15/05	3-6	Soil	SGS	PCB	4/13/05
Pre-Design Soil Investigation Sampling	RAA10-DUP-141 (RAA10-N-K28)	3/17/05	6-15	Soil	SGS	PCB	4/14/05
Pre-Design Soil Investigation Sampling	RAA10-E-II13	3/10/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/8/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ13	3/10/05	0-1	Soil	SGS	PCB	4/8/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ14	3/8/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/11/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ16	3/8/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/11/05
Pre-Design Soil Investigation Sampling	RAA10-E-KK13	3/10/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/8/05
Pre-Design Soil Investigation Sampling	RAA10-E-KK14	3/10/05	0-1	Soil	SGS	PCB	4/8/05
Pre-Design Soil Investigation Sampling	RAA10-E-KKLL19.5	3/31/05	3-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/28/05
Pre-Design Soil Investigation Sampling	RAA10-E-KKLL19.5	3/31/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/28/05
Pre-Design Soil Investigation Sampling	RAA10-E-KKLL19.5	3/31/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/28/05
Pre-Design Soil Investigation Sampling	RAA10-E-KKLL19.5	3/31/05	4-6	Soil	SGS	VOC	4/28/05
Pre-Design Soil Investigation Sampling	RAA10-E-KKLL19.5	3/31/05	8-10	Soil	SGS	VOC	4/28/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL16	3/8/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics	4/11/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL18	3/8/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/11/05
Pre-Design Soil Investigation Sampling	RAA10-E-MM16	3/15/05	0-1	Soil	SGS	PCB	4/13/05
Pre-Design Soil Investigation Sampling	RAA10-E-NN18	3/10/05	0-1	Soil	SGS	PCB	4/8/05
Pre-Design Soil Investigation Sampling	RAA10-E-NN18b	4/11/05	1-3	Soil	SGS	PCB	4/19/05
Pre-Design Soil Investigation Sampling	RAA10-E-NN18b	4/11/05	3-6	Soil	SGS	PCB	4/19/05
Pre-Design Soil Investigation Sampling	RAA10-E-NN18b	4/11/05	6-15	Soil	SGS	PCB	4/19/05
Pre-Design Soil Investigation Sampling	RAA10-E-NN19	3/10/05	0-1	Soil	SGS	PCB	4/8/05
Pre-Design Soil Investigation Sampling	RAA10-E-PP22	3/8/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics	4/11/05
Pre-Design Soil Investigation Sampling	RAA10-E-PP24	3/8/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/11/05
Pre-Design Soil Investigation Sampling	RAA10-E-PP24b	4/5/05	3-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/21/05
Pre-Design Soil Investigation Sampling	RAA10-E-PP24b	4/5/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/21/05

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

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Investigation Sampling	RAA10-E-PP24b	4/5/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/21/05
Pre-Design Soil Investigation Sampling	RAA10-E-PP24b	4/5/05	4-6	Soil	SGS	VOC	4/21/05
Pre-Design Soil Investigation Sampling	RAA10-E-PP24b	4/5/05	8-10	Soil	SGS	VOC	4/21/05
Pre-Design Soil Investigation Sampling	RAA10-E-QQ27	3/10/05	0-1	Soil	SGS	PCB	4/8/05
Pre-Design Soil Investigation Sampling	RAA10-E-RR24b	4/5/05	3-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/21/05
Pre-Design Soil Investigation Sampling	RAA10-E-RR24b	4/5/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/21/05
Pre-Design Soil Investigation Sampling	RAA10-E-RR24b	4/5/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/21/05
Pre-Design Soil Investigation Sampling	RAA10-E-RR24b	4/5/05	10-12	Soil	SGS	VOC	4/21/05
Pre-Design Soil Investigation Sampling	RAA10-E-RR24b	4/5/05	4-6	Soil	SGS	VOC	4/21/05
Pre-Design Soil Investigation Sampling	RAA10-E-VV22	3/9/05	3-6	Soil	SGS	PCB	4/4/05
Pre-Design Soil Investigation Sampling	RAA10-E-VV22	3/9/05	6-15	Soil	SGS	PCB	4/4/05
Pre-Design Soil Investigation Sampling	RAA10-E-VV22	3/9/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/4/05
Pre-Design Soil Investigation Sampling	RAA10-E-VV22	3/9/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/4/05
Pre-Design Soil Investigation Sampling	RAA10-N-C24	3/15/05	0-1	Soil	SGS	PCB	4/13/05
Pre-Design Soil Investigation Sampling	RAA10-N-C24	3/15/05	3-6	Soil	SGS	PCB	4/13/05
Pre-Design Soil Investigation Sampling	RAA10-N-C24	3/15/05	6-15	Soil	SGS	PCB	4/13/05
Pre-Design Soil Investigation Sampling	RAA10-N-C24	3/15/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/13/05
Pre-Design Soil Investigation Sampling	RAA10-N-C28	3/14/05	0-1	Soil	SGS	PCB	4/12/05
Pre-Design Soil Investigation Sampling	RAA10-N-C28	3/14/05	1-3	Soil	SGS	PCB	4/12/05
Pre-Design Soil Investigation Sampling	RAA10-N-C28	3/14/05	3-6	Soil	SGS	PCB, SVOC, Inorganics	4/12/05
Pre-Design Soil Investigation Sampling	RAA10-N-C28	3/14/05	6-15	Soil	SGS	PCB, SVOC, Inorganics	4/12/05
Pre-Design Soil Investigation Sampling	RAA10-N-C28	3/14/05	4-6	Soil	SGS	VOC	4/12/05
Pre-Design Soil Investigation Sampling	RAA10-N-C28	3/14/05	8-10	Soil	SGS	VOC	4/12/05
Pre-Design Soil Investigation Sampling	RAA10-N-E24	3/15/05	2-3	Soil	SGS	PCB	4/13/05
Pre-Design Soil Investigation Sampling	RAA10-N-E26	3/14/05	0-1	Soil	SGS	PCB	4/12/05
Pre-Design Soil Investigation Sampling	RAA10-N-E26	3/14/05	1-3	Soil	SGS	PCB	4/12/05
Pre-Design Soil Investigation Sampling	RAA10-N-E26	3/14/05	3-6	Soil	SGS	PCB	4/12/05
Pre-Design Soil Investigation Sampling	RAA10-N-E26	3/14/05	6-15	Soil	SGS	PCB	4/12/05
Pre-Design Soil Investigation Sampling	RAA10-N-F23	3/16/05	2-3	Soil	SGS	PCB	4/14/05
Pre-Design Soil Investigation Sampling	RAA10-N-G28	3/16/05	3-6	Soil	SGS	PCB	4/14/05
Pre-Design Soil Investigation Sampling	RAA10-N-G28	3/16/05	6-15	Soil	SGS	PCB, SVOC, Inorganics	4/14/05
Pre-Design Soil Investigation Sampling	RAA10-N-G28	3/16/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics	4/14/05
Pre-Design Soil Investigation Sampling	RAA10-N-G28	3/16/05	8-10	Soil	SGS	VOC	4/14/05
Pre-Design Soil Investigation Sampling	RAA10-N-GG24	3/17/05	3-6	Soil	SGS	PCB	4/14/05
Pre-Design Soil Investigation Sampling	RAA10-N-GG24	3/17/05	6-15	Soil	SGS	PCB	4/14/05
Pre-Design Soil Investigation Sampling	RAA10-N-GG24	3/17/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics	4/14/05
Pre-Design Soil Investigation Sampling	RAA10-N-GG24	3/17/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/14/05
Pre-Design Soil Investigation Sampling	RAA10-N-I26	3/16/05	1-3	Soil	SGS	PCB	4/14/05
Pre-Design Soil Investigation Sampling	RAA10-N-I26	3/16/05	3-6	Soil	SGS	PCB	4/14/05
Pre-Design Soil Investigation Sampling	RAA10-N-I26	3/16/05	6-15	Soil	SGS	PCB	4/14/05
Pre-Design Soil Investigation Sampling	RAA10-N-K28	3/17/05	0-1	Soil	SGS	PCB	4/14/05
Pre-Design Soil Investigation Sampling	RAA10-N-K28	3/17/05	1-3	Soil	SGS	PCB	4/14/05
Pre-Design Soil Investigation Sampling	RAA10-N-K28	3/17/05	3-6	Soil	SGS	PCB	4/14/05
Pre-Design Soil Investigation Sampling	RAA10-N-K28	3/17/05	6-15	Soil	SGS	PCB	4/14/05
Pre-Design Soil Investigation Sampling	RAA10-N-O20	3/3/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/1/05

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

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Investigation Sampling	RAA10-N-O22	3/3/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/1/05
Pre-Design Soil Investigation Sampling	RAA10-N-Q20	3/3/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/1/05
Pre-Design Soil Investigation Sampling	RAA10-N-Q22	3/3/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/1/05
Pre-Design Soil Investigation Sampling	RAA10-N-S20	3/3/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/1/05
Pre-Design Soil Investigation Sampling	RAA10-N-S22	3/3/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/1/05
Pre-Design Soil Investigation Sampling	RAA10-N-U22	3/3/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/1/05
Pre-Design Soil Investigation Sampling	RAA10-N-W20	3/3/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/1/05
Waste Solvent Drum Sampling	78FSB-F1103-SOLVENT-1	4/12/05	NA	Solvent	SGS	PCB	4/14/05

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

TABLE 7-2
PCB DATA RECEIVED DURING APRIL 2005

WASTE SOLVENT DRUM SAMPLING
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, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
78FSB-F1103-SOLVENT-1	Water-Soluble Solvent	4/12/2005	ND(0.000065)	0.0016	0.00077	0.00237
78FSB-F1103-SOLVENT-1	Solvent	4/12/2005	ND(1.0)	1.2	ND(1.0)	1.2

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 parentheses is the associated detection limit.

TABLE 7-3
PCB DATA RECEIVED DURING APRIL 2005

BUILDING 78 DECON WATER SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
78-B0254-WATER-1	4/8/2005	ND(0.000065)	0.00015	0.000072	0.000222

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 parentheses is the associated detection limit.

TABLE 7-4
PCB DATA RECEIVED DURING APRIL 2005

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

Sample ID	Depth (Feet)	Date Collected	Aroclor-1254	Aroclor-1260	Total PCBs
RAA10-E-AA7	0-1	2/25/2005	-- [0.33]	-- [0.86]	-- [1.19]
RAA10-E-LL7	0-1	2/18/2005	-- [0.98]	-- [--]	-- [3.38]

Notes:

1. These results have been revised by the laboratory and supersede those results reported in Table 7-2 of the March 2005 CD Monthly Report.
2. Field duplicate sample results are presented in brackets.
3. -- Sample results not revised by laboratory.

TABLE 7-5
PCB DATA RECEIVED DURING APRIL 2005

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

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA10-E-II13	0-1	3/10/2005	ND(0.059) [ND(0.056)]	ND(0.059) [ND(0.056)]	0.25 [0.36]	0.45 [0.62]	0.70 [0.98]
RAA10-E-JJ13	0-1	3/10/2005	ND(0.58)	12	7.5	6.1	25.6
RAA10-E-JJ14	0-1	3/8/2005	ND(0.76)	ND(0.76)	9.1	13	22.1
RAA10-E-JJ16	0-1	3/8/2005	ND(0.065)	ND(0.065)	0.55	0.80	1.35
RAA10-E-KK13	0-1	3/10/2005	ND(0.48)	ND(0.48)	11	12	23
RAA10-E-KK14	0-1	3/10/2005	ND(0.35)	8.0	6.6	5.0	19.6
RAA10-E-KKLL19.5	1-3	3/31/2005	ND(0.069)	ND(0.069)	0.057 J	0.066 J	0.123 J
	3-6	3/31/2005	ND(0.063)	ND(0.063)	ND(0.063)	0.040 J	0.040 J
	6-15	3/31/2005	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA10-E-LL16	0-1	3/8/2005	ND(8.5)	ND(8.5)	46	69	115
RAA10-E-MM16	0-1	3/15/2005	ND(0.36)	ND(0.36)	2.7	6.1	8.8
RAA10-E-NN18	0-1	3/10/2005	ND(0.34)	ND(0.34)	5.9	8.6	14.5
RAA10-E-NN18b	1-3	4/11/2005	ND(0.047)	ND(0.047)	2.0	0.56	2.56
	3-6	4/11/2005	ND(0.080)	ND(0.080)	2.2	2.7	4.9
	6-15	4/11/2005	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA10-E-NN19	0-1	3/10/2005	ND(0.79)	ND(0.79)	21	28	49
RAA10-E-PP22	0-1	3/8/2005	ND(0.76)	ND(0.76)	6.1	9.9	16
RAA10-E-PP24	0-1	3/8/2005	ND(0.058)	ND(0.058)	ND(0.058)	0.072	0.072
RAA10-E-PP24b	1-3	4/5/2005	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)
	3-6	4/5/2005	ND(0.062)	ND(0.062)	ND(0.062)	ND(0.062)	ND(0.062)
	6-15	4/5/2005	ND(0.044) [ND(0.043)]	ND(0.044) [ND(0.043)]	ND(0.044) [ND(0.043)]	ND(0.044) [ND(0.043)]	ND(0.044) [ND(0.043)]
RAA10-E-QQ27	0-1	3/10/2005	ND(0.050)	ND(0.050)	ND(0.050)	0.039 J	0.039 J
RAA10-E-RR24b	1-3	4/5/2005	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	3-6	4/5/2005	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	6-15	4/5/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA10-E-VV22	0-1	3/9/2005	ND(0.052)	ND(0.052)	ND(0.052)	0.13	0.13
	1-3	3/9/2005	ND(0.039)	ND(0.039)	0.054	0.18	0.234
	3-6	3/9/2005	ND(0.039)	ND(0.039)	0.086	0.20	0.286
	6-15	3/9/2005	ND(0.037)	ND(0.037)	ND(0.037)	0.65	0.65
RAA10-N-C24	0-1	3/15/2005	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	1-3	3/15/2005	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)
	3-6	3/15/2005	ND(0.11) [ND(0.12)]	ND(0.11) [ND(0.12)]	ND(0.11) [ND(0.12)]	ND(0.11) [ND(0.12)]	ND(0.11) [ND(0.12)]
	6-15	3/15/2005	ND(0.062)	ND(0.062)	0.043 J	ND(0.062)	0.043 J
RAA10-N-C28	0-1	3/14/2005	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	1-3	3/14/2005	ND(0.076)	ND(0.076)	ND(0.076)	ND(0.076)	ND(0.076)
	3-6	3/14/2005	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	6-15	3/14/2005	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
RAA10-N-E24	2-3	3/15/2005	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
RAA10-N-E26	0-1	3/14/2005	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)
	1-3	3/14/2005	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)
	3-6	3/14/2005	ND(0.067)	ND(0.067)	0.040 J	ND(0.067)	0.040 J
	6-15	3/14/2005	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)
RAA10-N-F23	2-3	3/16/2005	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
RAA10-N-G28	1-3	3/16/2005	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	3-6	3/16/2005	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	6-15	3/16/2005	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)
RAA10-N-GG24	0-1	3/17/2005	ND(0.043)	ND(0.043)	0.058	0.084	0.142
	1-3	3/17/2005	ND(0.041)	ND(0.041)	0.096	0.10	0.196
	3-6	3/17/2005	ND(0.046)	ND(0.046)	0.027 J	ND(0.046)	0.027 J
	6-15	3/17/2005	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)
RAA10-N-I26	1-3	3/16/2005	ND(0.064)	ND(0.064)	ND(0.064)	0.091	0.091
	3-6	3/16/2005	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	6-15	3/16/2005	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)
RAA10-N-K28	0-1	3/17/2005	ND(0.056)	ND(0.056)	ND(0.056)	0.059	0.059
	1-3	3/17/2005	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	3-6	3/17/2005	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
	6-15	3/17/2005	ND(0.058) [ND(0.059)]	ND(0.058) [ND(0.059)]	ND(0.058) [ND(0.059)]	ND(0.058) [ND(0.059)]	ND(0.058) [ND(0.059)]

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 parentheses is the associated detection limit.
3. Field duplicate sample results are presented in brackets.

Data Qualifiers:

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

TABLE 7-6
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA10-E-II13 0-1 03/10/05	RAA10-E-JJ14 0-1 03/08/05	RAA10-E-JJ16 0-1 03/08/05	RAA10-E-KK13 0-1 03/10/05
Volatile Organics				
2-Butanone	0.010 J [ND(0.017)]	0.014 J	ND(0.020)	ND(0.091)
2-Hexanone	ND(0.018) [ND(0.017)]	ND(0.023)	ND(0.020)	ND(0.091)
Acetone	0.048 [0.083]	0.047	0.046	ND(0.091)
Benzene	ND(0.0088) [ND(0.0083)]	ND(0.011)	0.061	ND(0.091)
Carbon Disulfide	ND(0.0088) [ND(0.0083)]	ND(0.011)	ND(0.0098)	ND(0.091)
Carbon Tetrachloride	ND(0.0088) [ND(0.0083)]	ND(0.011)	ND(0.0098)	ND(0.091)
Chlorobenzene	ND(0.0088) [ND(0.0083)]	0.036	0.086	ND(0.091)
Ethylbenzene	ND(0.0088) [ND(0.0083)]	ND(0.011)	ND(0.0098)	0.040 J
Isobutanol	ND(0.18) [ND(0.17)]	ND(0.23)	ND(0.20)	ND(0.14)
Styrene	ND(0.0088) [ND(0.0083)]	ND(0.011)	ND(0.0098)	ND(0.091)
Toluene	ND(0.0088) [ND(0.0083)]	0.0087 J	ND(0.0098)	ND(0.091)
Trichloroethene	ND(0.0088) [ND(0.0083)]	ND(0.011)	ND(0.0098)	ND(0.091)
Xylenes (total)	ND(0.0088) [ND(0.0083)]	ND(0.011)	ND(0.0098)	0.30
Semivolatile Organics				
1,2-Dichlorobenzene	ND(0.59) [ND(0.56)]	ND(7.6)	ND(0.65)	ND(0.48)
1,4-Dichlorobenzene	ND(0.59) [ND(0.56)]	ND(7.6)	ND(0.65)	0.073 J
2-Methylnaphthalene	ND(0.59) [ND(0.56)]	ND(7.6)	ND(0.65)	0.083 J
2-Methylphenol	ND(0.59) [ND(0.56)]	ND(7.6)	ND(0.65)	ND(0.48)
3&4-Methylphenol	ND(1.2) [ND(1.1)]	ND(7.6)	ND(1.3)	ND(0.97)
Acenaphthene	ND(0.59) [ND(0.56)]	ND(7.6)	ND(0.65)	0.095 J
Acenaphthylene	0.097 J [0.17 J]	ND(7.6)	ND(0.65)	0.071 J
Anthracene	0.068 J [0.12 J]	ND(7.6)	ND(0.65)	0.14 J
Benzo(a)anthracene	0.40 J [0.59]	0.79 J	ND(0.65)	0.51
Benzo(a)pyrene	0.31 J [0.45 J]	ND(7.6)	ND(0.65)	0.42 J
Benzo(b)fluoranthene	0.26 J [0.44 J]	0.59 J	ND(0.65)	0.35 J
Benzo(g,h,i)perylene	0.11 J [0.23 J]	ND(7.6)	ND(0.65)	0.25 J
Benzo(k)fluoranthene	0.40 J [0.65]	0.80 J	ND(0.65)	0.43 J
bis(2-Ethylhexyl)phthalate	ND(0.58) [0.44 J]	ND(3.8)	ND(0.65)	0.41 J
Chrysene	0.43 J [0.59]	1.0 J	ND(0.65)	0.70
Dibenzo(a,h)anthracene	ND(0.59) [ND(0.56)]	ND(7.6)	ND(0.65)	0.066 J
Dibenzofuran	ND(0.59) [ND(0.56)]	ND(7.6)	ND(0.65)	0.080 J
Di-n-Butylphthalate	ND(0.59) [ND(0.56)]	ND(7.6)	ND(0.65)	0.055 J
Fluoranthene	0.64 [0.85]	1.8 J	0.079 J	1.3
Fluorene	ND(0.59) [ND(0.56)]	ND(7.6)	ND(0.65)	0.074 J
Indeno(1,2,3-cd)pyrene	0.066 J [0.19 J]	ND(7.6)	ND(0.65)	0.20 J
Naphthalene	ND(0.59) [ND(0.56)]	ND(7.6)	ND(0.65)	0.11 J
Phenanthrene	0.13 J [0.16 J]	1.0 J	ND(0.65)	0.96
Phenol	ND(0.59) [ND(0.56)]	ND(7.6)	ND(0.65)	ND(0.48)
Pyrene	0.85 [1.1]	1.7 J	0.074 J	1.2
Organochlorine Pesticides				
4,4'-DDD	ND(0.18) [ND(0.17)]	ND(1.1)	ND(0.20)	ND(1.4)
4,4'-DDE	ND(0.18) [ND(0.17)]	ND(1.1)	ND(0.20)	ND(1.4)
4,4'-DDT	ND(0.18) [ND(0.17)]	ND(1.1)	ND(0.20)	ND(1.4)
Organophosphate Pesticides				
None Detected	--	--	--	--
Herbicides				
2,4,5-T	ND(0.56) [ND(0.53)]	ND(0.73)	ND(0.63)	ND(2.7)
2,4-D	ND(0.88) [ND(0.83)]	ND(1.1)	ND(0.98)	ND(2.7)

TABLE 7-6
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA10-E-II13 0-1 03/10/05	RAA10-E-JJ14 0-1 03/08/05	RAA10-E-JJ16 0-1 03/08/05	RAA10-E-KK13 0-1 03/10/05
Furans					
2,3,7,8-TCDF		0.000010 Y [0.000012 Y]	0.00011 Y	0.000012 Y	0.000053 Y
TCDFs (total)		0.00020 [0.00021]	0.0033 QI	0.00022	0.00082 QI
1,2,3,7,8-PeCDF		0.0000056 J [0.0000059 J]	0.000066	0.0000067 J	0.000040
2,3,4,7,8-PeCDF		0.000027 [0.000030]	0.00066	0.000048	0.00016
PeCDFs (total)		0.00032 [0.00034]	0.0070 QI	0.00050	0.0016 I
1,2,3,4,7,8-HxCDF		0.000014 [0.000017]	0.00029	0.000021	0.00017
1,2,3,6,7,8-HxCDF		0.000011 [0.000013]	0.00021	0.000016	0.000088
1,2,3,7,8,9-HxCDF		ND(0.0000039) X [ND(0.0000046)]	0.000079	0.0000052 J	0.000033
2,3,4,6,7,8-HxCDF		0.000026 [0.000024]	0.00043	0.000031	0.00011
HxCDFs (total)		0.00033 [0.00033]	0.0057	0.00043	0.0015
1,2,3,4,6,7,8-HpCDF		0.000058 [0.000060]	0.00074	0.00011	0.00026
1,2,3,4,7,8,9-HpCDF		0.0000051 J [0.0000062 J]	0.00011	0.0000061 J	0.000055
HpCDFs (total)		0.00012 [0.00013]	0.0017	0.00020	0.00070
OCDF		0.000045 [0.000052]	0.00057	0.000064	0.00052
Dioxins					
2,3,7,8-TCDD		0.0000016 J [0.0000016 J]	0.0000053	ND(0.00000088) X	0.0000024 J
TCDDs (total)		0.0000088 [0.0000016 J]	0.00013 Q	0.0000016 J	0.000048 Q
1,2,3,7,8-PeCDD		ND(0.0000037) X [ND(0.0000031) X]	0.000044	0.0000025 J	0.000027
PeCDDs (total)		0.000031 [0.000028]	0.00060	0.000037	0.00028
1,2,3,4,7,8-HxCDD		0.0000034 J [0.0000028 J]	0.000034	0.0000024 J	0.000020
1,2,3,6,7,8-HxCDD		0.0000072 J [0.0000082]	0.00016	0.000010	0.000070
1,2,3,7,8,9-HxCDD		0.0000055 J [0.0000053 J]	0.000081	0.0000054 J	0.000043
HxCDDs (total)		0.000072 [0.000063]	0.0014	0.000090	0.00071
1,2,3,4,6,7,8-HpCDD		0.000064 [0.000066]	0.00069	0.000056	0.00049
HpCDDs (total)		0.00013 [0.00013]	0.0014	0.00010	0.00088
OCDD		0.00042 [0.00042]	0.0046	0.00041	0.0041
Total TEQs (WHO TEFs)		0.000026 [0.000028]	0.00054	0.000039	0.00018
Inorganics					
Antimony		ND(6.00) [2.10 B]	3.20 B	ND(6.00)	ND(6.00)
Arsenic		8.40 [10.0]	8.70	4.40	5.80
Barium		110 [46.0]	84.0	98.0	64.0
Beryllium		0.520 [0.500 B]	0.640	0.770	0.490 B
Cadmium		0.720 [0.660]	1.50	0.430 B	0.920
Chromium		15.0 [15.0]	350	37.0	61.0
Cobalt		16.0 [10.0]	10.0	9.90	7.60
Copper		50.0 [53.0]	160	29.0	59.0
Cyanide		0.400 [0.300]	0.720	0.170 B	0.370
Lead		95.0 [110]	210	29.0	59.0
Mercury		1.00 [0.620]	2.50	0.320	0.920
Nickel		21.0 [19.0]	32.0	19.0	17.0
Selenium		2.00 [2.40]	ND(1.70)	1.10 B	1.10
Silver		0.800 B [0.690 B]	47.0	0.990 B	22.0
Sulfide		56.0 [72.0]	180	47.0	30.0
Thallium		ND(1.80) [ND(1.70)]	6.80	3.80	ND(1.40)
Tin		13.0 B [14.0]	22.0	6.80 B	9.40 B
Vanadium		19.0 [18.0]	49.0	24.0	16.0
Zinc		110 [96.0]	390	120	140

TABLE 7-6
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA10-E-KKLL19.5 1-3 03/31/05	RAA10-E-KKLL19.5 3-6 03/31/05	RAA10-E-KKLL19.5 4-6 03/31/05	RAA10-E-KKLL19.5 6-15 03/31/05
Volatile Organics				
2-Butanone	ND(0.021)	NA	ND(0.013)	NA
2-Hexanone	0.0094 J	NA	ND(0.013)	NA
Acetone	0.038 J	NA	ND(0.026)	NA
Benzene	ND(0.010)	NA	ND(0.0064)	NA
Carbon Disulfide	ND(0.010)	NA	ND(0.0064)	NA
Carbon Tetrachloride	ND(0.010)	NA	ND(0.0064)	NA
Chlorobenzene	0.0060 J	NA	0.024	NA
Ethylbenzene	0.011	NA	ND(0.0064)	NA
Isobutanol	ND(0.21)	NA	ND(0.13)	NA
Styrene	0.0062 J	NA	ND(0.0064)	NA
Toluene	0.0078 J	NA	ND(0.0064)	NA
Trichloroethene	ND(0.010)	NA	ND(0.0064)	NA
Xylenes (total)	0.020	NA	ND(0.0064)	NA
Semivolatile Organics				
1,2-Dichlorobenzene	ND(0.69)	ND(0.63)	NA	ND(0.41)
1,4-Dichlorobenzene	ND(0.69)	ND(0.63)	NA	ND(0.41)
2-Methylnaphthalene	ND(0.69)	ND(0.63)	NA	ND(0.41)
2-Methylphenol	ND(0.69)	ND(0.63)	NA	ND(0.41)
3&4-Methylphenol	ND(1.4)	ND(1.3)	NA	ND(0.82)
Acenaphthene	ND(0.69)	ND(0.63)	NA	ND(0.41)
Acenaphthylene	ND(0.69)	ND(0.63)	NA	ND(0.41)
Anthracene	ND(0.69)	ND(0.63)	NA	ND(0.41)
Benzo(a)anthracene	ND(0.69)	ND(0.63)	NA	ND(0.41)
Benzo(a)pyrene	ND(0.69)	ND(0.63)	NA	ND(0.41)
Benzo(b)fluoranthene	ND(0.69)	ND(0.63)	NA	ND(0.41)
Benzo(g,h,i)perylene	ND(0.69)	ND(0.63)	NA	ND(0.41)
Benzo(k)fluoranthene	ND(0.69)	ND(0.63)	NA	ND(0.41)
bis(2-Ethylhexyl)phthalate	ND(0.68)	0.51 J	NA	ND(0.40)
Chrysene	ND(0.69)	ND(0.63)	NA	ND(0.41)
Dibenzo(a,h)anthracene	ND(0.69)	ND(0.63)	NA	ND(0.41)
Dibenzofuran	ND(0.69)	ND(0.63)	NA	ND(0.41)
Di-n-Butylphthalate	ND(0.69)	ND(0.63)	NA	ND(0.41)
Fluoranthene	ND(0.69)	ND(0.63)	NA	ND(0.41)
Fluorene	ND(0.69)	ND(0.63)	NA	ND(0.41)
Indeno(1,2,3-cd)pyrene	ND(0.69)	ND(0.63)	NA	ND(0.41)
Naphthalene	ND(0.69)	ND(0.63)	NA	ND(0.41)
Phenanthrene	ND(0.69)	ND(0.63)	NA	ND(0.41)
Phenol	ND(0.69)	ND(0.63)	NA	ND(0.41)
Pyrene	ND(0.69)	ND(0.63)	NA	ND(0.41)
Organochlorine Pesticides				
4,4'-DDD	ND(0.021)	ND(0.019)	NA	ND(0.016)
4,4'-DDE	ND(0.021)	ND(0.019)	NA	ND(0.016)
4,4'-DDT	ND(0.021)	ND(0.019)	NA	ND(0.016)
Organophosphate Pesticides				
None Detected	--	--	NA	--
Herbicides				
2,4,5-T	ND(0.66)	ND(0.60)	NA	ND(0.39)
2,4-D	ND(1.0)	ND(0.94)	NA	ND(0.80)

TABLE 7-6
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA10-E-KKLL19.5 1-3 03/31/05	RAA10-E-KKLL19.5 3-6 03/31/05	RAA10-E-KKLL19.5 4-6 03/31/05	RAA10-E-KKLL19.5 6-15 03/31/05
Furans				
2,3,7,8-TCDF	ND(0.00000054) Y	ND(0.00000080)	NA	ND(0.00000063)
TCDFs (total)	ND(0.00000035)	ND(0.00000080)	NA	ND(0.00000063)
1,2,3,7,8-PeCDF	ND(0.00000064)	ND(0.00000053)	NA	ND(0.00000047)
2,3,4,7,8-PeCDF	ND(0.00000068)	ND(0.00000052)	NA	ND(0.00000046)
PeCDFs (total)	ND(0.0000033)	ND(0.0000015)	NA	ND(0.00000049)
1,2,3,4,7,8-HxCDF	ND(0.00000085)	ND(0.0000011)	NA	ND(0.00000057)
1,2,3,6,7,8-HxCDF	ND(0.00000085)	ND(0.0000011)	NA	ND(0.00000057)
1,2,3,7,8,9-HxCDF	ND(0.00000093)	ND(0.0000012)	NA	ND(0.00000063)
2,3,4,6,7,8-HxCDF	ND(0.00000091)	ND(0.0000012)	NA	ND(0.00000062)
HxCDFs (total)	0.000012	ND(0.0000033)	NA	ND(0.00000063)
1,2,3,4,6,7,8-HpCDF	0.000016	0.0000069	NA	ND(0.00000041)
1,2,3,4,7,8,9-HpCDF	ND(0.00000039)	ND(0.00000033)	NA	ND(0.00000028)
HpCDFs (total)	0.000027	0.000012	NA	ND(0.00000041)
OCDF	ND(0.0000095)	ND(0.0000044)	NA	ND(0.00000082)
Dioxins				
2,3,7,8-TCDD	ND(0.00000041)	ND(0.00000045)	NA	ND(0.00000041)
TCDDs (total)	ND(0.00000041)	ND(0.00000045)	NA	ND(0.00000041)
1,2,3,7,8-PeCDD	ND(0.00000079)	ND(0.0000014)	NA	ND(0.00000090)
PeCDDs (total)	ND(0.00000079)	ND(0.0000014)	NA	ND(0.00000090)
1,2,3,4,7,8-HxCDD	ND(0.00000079)	ND(0.0000012)	NA	ND(0.00000073)
1,2,3,6,7,8-HxCDD	ND(0.00000074)	ND(0.0000011)	NA	ND(0.00000068)
1,2,3,7,8,9-HxCDD	ND(0.00000070)	ND(0.0000011)	NA	ND(0.00000066)
HxCDDs (total)	ND(0.00000079)	ND(0.0000012)	NA	ND(0.00000073)
1,2,3,4,6,7,8-HpCDD	0.0000063 J	0.0000036 J	NA	ND(0.00000041)
HpCDDs (total)	0.0000063	0.0000036	NA	ND(0.00000041)
OCDD	0.000053	0.000023	NA	ND(0.0000026)
Total TEQs (WHO TEFs)	0.0000013	0.0000016	NA	0.0000010
Inorganics				
Antimony	ND(6.00)	ND(6.00)	NA	ND(6.00)
Arsenic	6.00	3.70	NA	1.50
Barium	75.0	59.0	NA	6.40 B
Beryllium	0.490 B	0.360 B	NA	0.0480 B
Cadmium	0.310 B	0.270 B	NA	ND(0.500)
Chromium	15.0	15.0	NA	4.70
Cobalt	9.00	8.80	NA	4.30 B
Copper	12.0	13.0	NA	2.60
Cyanide	0.180 B	0.120 B	NA	ND(0.120)
Lead	8.10	10.0	NA	1.70
Mercury	0.0790 B	ND(0.190)	NA	ND(0.120)
Nickel	17.0	15.0	NA	7.40
Selenium	1.70	1.50	NA	ND(1.00)
Silver	ND(1.50)	ND(1.40)	NA	ND(1.00)
Sulfide	ND(10.0)	21.0	NA	20.0
Thallium	ND(2.10)	ND(1.90)	NA	ND(1.20)
Tin	2.40 B	2.40 B	NA	1.10 B
Vanadium	16.0	13.0	NA	3.80 B
Zinc	66.0	66.0	NA	20.0

TABLE 7-6
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA10-E-KKLL19.5 8-10 03/31/05	RAA10-E-LL16 0-1 03/08/05	RAA10-E-LL18 0-1 03/08/05	RAA10-E-PP22 0-1 03/08/05	RAA10-E-PP24 0-1 03/08/05
Volatile Organics					
2-Butanone	ND(0.012)	ND(0.026)	ND(0.033)	ND(0.023)	ND(11)
2-Hexanone	ND(0.012)	ND(0.026)	ND(0.033)	ND(0.023)	ND(1.1)
Acetone	ND(0.024)	ND(0.051)	0.10	ND(0.046)	ND(11)
Benzene	0.034	ND(0.013)	ND(0.016)	ND(0.011)	ND(0.54)
Carbon Disulfide	ND(0.0059)	ND(0.013)	ND(0.016)	ND(0.011)	ND(1.1)
Carbon Tetrachloride	ND(0.0059)	ND(0.013)	ND(0.016)	ND(0.011)	ND(0.54)
Chlorobenzene	0.25	0.012 J	0.0093 J	0.018	ND(0.54)
Ethylbenzene	ND(0.0059)	ND(0.013)	ND(0.016)	ND(0.011)	ND(0.54)
Isobutanol	ND(0.12)	ND(0.26)	ND(0.33)	ND(0.23)	ND(22)
Styrene	ND(0.0059)	ND(0.013)	ND(0.016)	ND(0.011)	ND(0.54)
Toluene	ND(0.0059)	0.030	0.0090 J	ND(0.011)	ND(0.54)
Trichloroethene	ND(0.0059)	0.0067 J	ND(0.016)	ND(0.011)	ND(0.54)
Xylenes (total)	ND(0.0059)	ND(0.013)	ND(0.016)	ND(0.011)	ND(0.54)
Semivolatile Organics					
1,2-Dichlorobenzene	NA	ND(8.5)	ND(1.1)	ND(0.76)	ND(0.58)
1,4-Dichlorobenzene	NA	ND(8.5)	ND(1.1)	ND(0.76)	ND(0.58)
2-Methylnaphthalene	NA	ND(8.5)	ND(1.1)	ND(0.76)	ND(0.58)
2-Methylphenol	NA	ND(8.5)	ND(1.1)	ND(0.76)	ND(0.58)
3&4-Methylphenol	NA	ND(8.5)	ND(2.2)	ND(1.5)	ND(1.2)
Acenaphthene	NA	ND(8.5)	ND(1.1)	ND(0.76)	ND(0.58)
Acenaphthylene	NA	ND(8.5)	ND(1.1)	0.095 J	ND(0.58)
Anthracene	NA	ND(8.5)	ND(1.1)	0.091 J	ND(0.58)
Benzo(a)anthracene	NA	1.2 J	0.11 J	0.32 J	ND(0.58)
Benzo(a)pyrene	NA	1.5 J	ND(1.1)	0.33 J	ND(0.58)
Benzo(b)fluoranthene	NA	1.1 J	0.11 J	0.34 J	ND(0.58)
Benzo(g,h,i)perylene	NA	0.93 J	ND(1.1)	0.17 J	ND(0.58)
Benzo(k)fluoranthene	NA	1.5 J	0.12 J	0.32 J	ND(0.58)
bis(2-Ethylhexyl)phthalate	NA	ND(4.3)	0.78 J	ND(0.75)	ND(0.58)
Chrysene	NA	2.1 J	0.13 J	0.42 J	0.063 J
Dibenzo(a,h)anthracene	NA	ND(8.5)	ND(1.1)	ND(0.76)	ND(0.58)
Dibenzofuran	NA	ND(8.5)	ND(1.1)	ND(0.76)	ND(0.58)
Di-n-Butylphthalate	NA	ND(8.5)	ND(1.1)	ND(0.76)	ND(0.58)
Fluoranthene	NA	3.3 J	0.26 J	0.74 J	0.10 J
Fluorene	NA	ND(8.5)	ND(1.1)	ND(0.76)	ND(0.58)
Indeno(1,2,3-cd)pyrene	NA	ND(8.5)	ND(1.1)	0.17 J	ND(0.58)
Naphthalene	NA	ND(8.5)	ND(1.1)	ND(0.76)	ND(0.58)
Phenanthrene	NA	1.9 J	0.15 J	0.41 J	ND(0.58)
Phenol	NA	0.87 J	ND(1.1)	ND(0.76)	ND(0.58)
Pyrene	NA	3.3 J	0.27 J	0.73 J	0.098 J
Organochlorine Pesticides					
4,4'-DDD	NA	NA	ND(0.33)	NA	ND(0.017)
4,4'-DDE	NA	NA	ND(0.33)	NA	ND(0.017)
4,4'-DDT	NA	NA	ND(0.33)	NA	ND(0.017)
Organophosphate Pesticides					
None Detected	NA	NA	--	NA	--
Herbicides					
2,4,5-T	NA	NA	ND(1.0)	NA	ND(0.56)
2,4-D	NA	NA	ND(1.6)	NA	ND(0.87)

TABLE 7-6
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA10-E-KKLL19.5 8-10 03/31/05	RAA10-E-LL16 0-1 03/08/05	RAA10-E-LL18 0-1 03/08/05	RAA10-E-PP22 0-1 03/08/05	RAA10-E-PP24 0-1 03/08/05
Furans						
2,3,7,8-TCDF		NA	NA	0.000078 Y	NA	0.0000090 Y
TCDFs (total)		NA	NA	0.0019 I	NA	0.00017
1,2,3,7,8-PeCDF		NA	NA	0.000040	NA	0.0000045 J
2,3,4,7,8-PeCDF		NA	NA	0.00027	NA	0.000029
PeCDFs (total)		NA	NA	0.0034 I	NA	0.00044
1,2,3,4,7,8-HxCDF		NA	NA	0.00014	NA	0.000010
1,2,3,6,7,8-HxCDF		NA	NA	0.00010	NA	0.000013
1,2,3,7,8,9-HxCDF		NA	NA	0.000033	NA	ND(0.0000055)
2,3,4,6,7,8-HxCDF		NA	NA	0.00023	NA	0.000042
HxCDFs (total)		NA	NA	0.0034	NA	0.00062
1,2,3,4,6,7,8-HpCDF		NA	NA	0.0013	NA	0.00027
1,2,3,4,7,8,9-HpCDF		NA	NA	0.000055	NA	ND(0.0000047) X
HpCDFs (total)		NA	NA	0.0023	NA	0.00045
OCDF		NA	NA	0.00065	NA	0.00010
Dioxins						
2,3,7,8-TCDD		NA	NA	0.0000039 J	NA	ND(0.00000072) X
TCDDs (total)		NA	NA	0.000050	NA	ND(0.00000071)
1,2,3,7,8-PeCDD		NA	NA	ND(0.000031) X	NA	0.0000022 J
PeCDDs (total)		NA	NA	0.00019	NA	0.0000077 J
1,2,3,4,7,8-HxCDD		NA	NA	0.000017	NA	0.0000026 J
1,2,3,6,7,8-HxCDD		NA	NA	0.000070	NA	0.0000058 J
1,2,3,7,8,9-HxCDD		NA	NA	0.000036	NA	0.0000037 J
HxCDDs (total)		NA	NA	0.00056	NA	0.000038
1,2,3,4,6,7,8-HpCDD		NA	NA	0.00066	NA	0.000075
HpCDDs (total)		NA	NA	0.0012	NA	0.00013
OCDD		NA	NA	0.0049	NA	0.00059
Total TEQs (WHO TEFs)		NA	NA	0.00025	NA	0.000030
Inorganics						
Antimony		NA	4.20 B	4.70 B	2.30 B	ND(6.00)
Arsenic		NA	15.0	13.0	7.80	5.10
Barium		NA	130	160	120	74.0
Beryllium		NA	1.30	1.30	0.990	0.540
Cadmium		NA	3.60	1.80	1.90	0.440 B
Chromium		NA	520	170	120	26.0
Cobalt		NA	16.0	19.0	16.0	11.0
Copper		NA	370	150	120	28.0
Cyanide		NA	0.550	0.600	0.710	0.170 B
Lead		NA	400	220	200	33.0
Mercury		NA	5.50	1.40	1.70	0.290
Nickel		NA	53.0	43.0	36.0	19.0
Selenium		NA	2.00	2.10 B	1.20 B	ND(1.30)
Silver		NA	130	29.0	19.0	ND(1.30)
Sulfide		NA	150	250	140	61.0
Thallium		NA	7.60	8.10	6.10	5.60
Tin		NA	33.0	19.0 B	12.0 B	6.80 B
Vanadium		NA	92.0	80.0	55.0	19.0
Zinc		NA	780	420	340	100

TABLE 7-6
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA10-E-PP24b 1-3 04/05/05	RAA10-E-PP24b 3-6 04/05/05	RAA10-E-PP24b 4-6 04/05/05	RAA10-E-PP24b 6-15 04/05/05	RAA10-E-PP24b 8-10 04/05/05
Volatile Organics					
2-Butanone	ND(0.017)	NA	ND(0.018)	NA	ND(0.012)
2-Hexanone	ND(0.017)	NA	ND(0.018)	NA	ND(0.012)
Acetone	ND(0.034)	NA	ND(0.036)	NA	ND(0.025)
Benzene	ND(0.0084)	NA	ND(0.0090)	NA	ND(0.0062)
Carbon Disulfide	ND(0.0084)	NA	ND(0.0090)	NA	ND(0.0062)
Carbon Tetrachloride	0.0056 J	NA	ND(0.0090)	NA	ND(0.0062)
Chlorobenzene	ND(0.0084)	NA	ND(0.0090)	NA	ND(0.0062)
Ethylbenzene	ND(0.0084)	NA	ND(0.0090)	NA	ND(0.0062)
Isobutanol	ND(0.17)	NA	ND(0.18)	NA	ND(0.12)
Styrene	ND(0.0084)	NA	ND(0.0090)	NA	ND(0.0062)
Toluene	ND(0.0084)	NA	ND(0.0090)	NA	ND(0.0062)
Trichloroethene	ND(0.0084)	NA	ND(0.0090)	NA	ND(0.0062)
Xylenes (total)	ND(0.0084)	NA	ND(0.0090)	NA	ND(0.0062)
Semivolatile Organics					
1,2-Dichlorobenzene	ND(0.56)	ND(0.62)	NA	ND(0.44)	NA
1,4-Dichlorobenzene	ND(0.56)	ND(0.62)	NA	ND(0.44)	NA
2-Methylnaphthalene	ND(0.56)	ND(0.62)	NA	ND(0.44)	NA
2-Methylphenol	ND(0.56)	ND(0.62)	NA	ND(0.44)	NA
3&4-Methylphenol	ND(1.1)	ND(1.2)	NA	ND(0.89)	NA
Acenaphthene	ND(0.56)	ND(0.62)	NA	ND(0.44)	NA
Acenaphthylene	ND(0.56)	ND(0.62)	NA	ND(0.44)	NA
Anthracene	ND(0.56)	ND(0.62)	NA	ND(0.44)	NA
Benzo(a)anthracene	ND(0.56)	ND(0.62)	NA	ND(0.44)	NA
Benzo(a)pyrene	ND(0.56)	ND(0.62)	NA	ND(0.44)	NA
Benzo(b)fluoranthene	ND(0.56)	ND(0.62)	NA	ND(0.44)	NA
Benzo(g,h,i)perylene	ND(0.56)	ND(0.62)	NA	ND(0.44)	NA
Benzo(k)fluoranthene	ND(0.56)	ND(0.62)	NA	ND(0.44)	NA
bis(2-Ethylhexyl)phthalate	ND(0.56)	ND(0.61)	NA	ND(0.44)	NA
Chrysene	ND(0.56)	ND(0.62)	NA	ND(0.44)	NA
Dibenzo(a,h)anthracene	ND(0.56)	ND(0.62)	NA	ND(0.44)	NA
Dibenzofuran	ND(0.56)	ND(0.62)	NA	ND(0.44)	NA
Di-n-Butylphthalate	ND(0.56)	ND(0.62)	NA	ND(0.44)	NA
Fluoranthene	ND(0.56)	ND(0.62)	NA	ND(0.44)	NA
Fluorene	ND(0.56)	ND(0.62)	NA	ND(0.44)	NA
Indeno(1,2,3-cd)pyrene	ND(0.56)	ND(0.62)	NA	ND(0.44)	NA
Naphthalene	ND(0.56)	ND(0.62)	NA	ND(0.44)	NA
Phenanthrene	ND(0.56)	ND(0.62)	NA	ND(0.44)	NA
Phenol	ND(0.56)	ND(0.62)	NA	ND(0.44)	NA
Pyrene	ND(0.56)	ND(0.62)	NA	ND(0.44)	NA
Organochlorine Pesticides					
4,4'-DDD	ND(0.017)	ND(0.018)	NA	ND(0.016)	NA
4,4'-DDE	ND(0.017)	ND(0.018)	NA	ND(0.016)	NA
4,4'-DDT	ND(0.017)	ND(0.018)	NA	ND(0.016)	NA
Organophosphate Pesticides					
None Detected	--	--	NA	--	NA
Herbicides					
2,4,5-T	ND(0.54)	ND(0.59)	NA	ND(0.42)	NA
2,4-D	ND(0.84)	ND(0.93)	NA	ND(0.80)	NA

TABLE 7-6
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA10-E-PP24b 1-3 04/05/05	RAA10-E-PP24b 3-6 04/05/05	RAA10-E-PP24b 4-6 04/05/05	RAA10-E-PP24b 6-15 04/05/05	RAA10-E-PP24b 8-10 04/05/05
Furans						
2,3,7,8-TCDF		0.0000016 JY	0.00000098 JY	NA	ND(0.00000030)	NA
TCDFs (total)		0.000019	0.0000078	NA	ND(0.00000030)	NA
1,2,3,7,8-PeCDF		ND(0.00000081)	ND(0.00000069)	NA	ND(0.00000061)	NA
2,3,4,7,8-PeCDF		ND(0.00000089)	ND(0.00000084)	NA	ND(0.00000062)	NA
PeCDFs (total)		0.000027	0.000015	NA	ND(0.00000062)	NA
1,2,3,4,7,8-HxCDF		ND(0.0000019)	ND(0.0000017)	NA	ND(0.00000062)	NA
1,2,3,6,7,8-HxCDF		ND(0.0000012)	ND(0.00000076)	NA	ND(0.00000051)	NA
1,2,3,7,8,9-HxCDF		ND(0.00000094)	ND(0.0000010)	NA	ND(0.00000067)	NA
2,3,4,6,7,8-HxCDF		ND(0.0000027)	ND(0.0000014)	NA	ND(0.00000061)	NA
HxCDFs (total)		0.000072	0.000039	NA	ND(0.00000067)	NA
1,2,3,4,6,7,8-HpCDF		0.000070	0.000046	NA	ND(0.0000018)	NA
1,2,3,4,7,8,9-HpCDF		ND(0.00000081)	ND(0.00000093)	NA	ND(0.00000078)	NA
HpCDFs (total)		0.00012	0.000081	NA	ND(0.0000018)	NA
OCDF		0.000027	0.000019	NA	ND(0.00000083)	NA
Dioxins						
2,3,7,8-TCDD		ND(0.00000040)	ND(0.00000039)	NA	ND(0.00000040)	NA
TCDDs (total)		ND(0.00000040)	ND(0.00000039)	NA	ND(0.00000040)	NA
1,2,3,7,8-PeCDD		ND(0.0000011)	ND(0.0000010)	NA	ND(0.0000010)	NA
PeCDDs (total)		ND(0.0000011)	ND(0.0000010)	NA	ND(0.0000010)	NA
1,2,3,4,7,8-HxCDD		ND(0.00000082)	ND(0.0000013)	NA	ND(0.00000074)	NA
1,2,3,6,7,8-HxCDD		ND(0.0000010)	ND(0.0000010)	NA	ND(0.00000057)	NA
1,2,3,7,8,9-HxCDD		ND(0.00000070)	ND(0.00000074)	NA	ND(0.00000062)	NA
HxCDDs (total)		ND(0.0000036)	ND(0.0000025)	NA	ND(0.00000074)	NA
1,2,3,4,6,7,8-HpCDD		0.000020	0.000013	NA	ND(0.00000094)	NA
HpCDDs (total)		0.000034	0.000021	NA	ND(0.00000094)	NA
OCDD		0.00018	0.00012	NA	0.0000066 J	NA
Total TEQs (WHO TEFs)		0.0000025	0.0000020	NA	0.0000011	NA
Inorganics						
Antimony		ND(6.00)	ND(6.00)	NA	ND(6.00)	NA
Arsenic		3.80	6.60	NA	2.10	NA
Barium		71.0	100	NA	14.0 B	NA
Beryllium		0.490 B	0.680	NA	0.120 B	NA
Cadmium		0.180 B	0.180 B	NA	ND(0.500)	NA
Chromium		16.0	22.0	NA	5.40	NA
Cobalt		10.0	12.0	NA	4.80 B	NA
Copper		15.0	17.0	NA	6.50	NA
Cyanide		0.140 B	0.180	NA	ND(0.260)	NA
Lead		12.0	14.0	NA	3.20	NA
Mercury		0.0790 B	0.0730 B	NA	ND(0.130)	NA
Nickel		18.0	22.0	NA	8.50	NA
Selenium		1.80	2.50	NA	ND(1.00)	NA
Silver		ND(1.30)	ND(1.40)	NA	ND(1.00)	NA
Sulfide		22.0	12.0	NA	51.0	NA
Thallium		ND(1.70)	ND(1.80)	NA	ND(1.30)	NA
Tin		2.30 B	2.40 B	NA	1.30 B	NA
Vanadium		16.0	23.0	NA	5.40	NA
Zinc		72.0	86.0	NA	26.0	NA

TABLE 7-6
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA10-E-RR24b 1-3 04/05/05	RAA10-E-RR24b 3-6 04/05/05	RAA10-E-RR24b 4-6 04/05/05	RAA10-E-RR24b 6-15 04/05/05	RAA10-E-RR24b 10-12 04/05/05
Volatile Organics					
2-Butanone	ND(0.014)	NA	ND(0.013)	NA	ND(0.012)
2-Hexanone	ND(0.014)	NA	ND(0.013)	NA	ND(0.012)
Acetone	ND(0.028)	NA	ND(0.026)	NA	ND(0.024)
Benzene	ND(0.0071)	NA	ND(0.0065)	NA	0.035
Carbon Disulfide	ND(0.0071)	NA	0.0041 J	NA	ND(0.0060)
Carbon Tetrachloride	ND(0.0071)	NA	ND(0.0065)	NA	ND(0.0060)
Chlorobenzene	ND(0.0071)	NA	ND(0.0065)	NA	0.34
Ethylbenzene	ND(0.0071)	NA	ND(0.0065)	NA	ND(0.0060)
Isobutanol	ND(0.14)	NA	ND(0.13)	NA	ND(0.12)
Styrene	ND(0.0071)	NA	ND(0.0065)	NA	ND(0.0060)
Toluene	ND(0.0071)	NA	ND(0.0065)	NA	ND(0.0060)
Trichloroethene	ND(0.0071)	NA	ND(0.0065)	NA	ND(0.0060)
Xylenes (total)	ND(0.0071)	NA	ND(0.0065)	NA	ND(0.0060)
Semivolatile Organics					
1,2-Dichlorobenzene	ND(0.47)	ND(0.43)	NA	ND(0.40)	NA
1,4-Dichlorobenzene	ND(0.47)	ND(0.43)	NA	ND(0.40)	NA
2-Methylnaphthalene	ND(0.47)	ND(0.43)	NA	ND(0.40)	NA
2-Methylphenol	ND(0.47)	ND(0.43)	NA	ND(0.40)	NA
3&4-Methylphenol	ND(0.95)	ND(0.87)	NA	ND(0.81)	NA
Acenaphthene	ND(0.47)	ND(0.43)	NA	ND(0.40)	NA
Acenaphthylene	ND(0.47)	ND(0.43)	NA	ND(0.40)	NA
Anthracene	ND(0.47)	ND(0.43)	NA	ND(0.40)	NA
Benzo(a)anthracene	ND(0.47)	ND(0.43)	NA	ND(0.40)	NA
Benzo(a)pyrene	ND(0.47)	ND(0.43)	NA	ND(0.40)	NA
Benzo(b)fluoranthene	ND(0.47)	ND(0.43)	NA	ND(0.40)	NA
Benzo(g,h,i)perylene	ND(0.47)	ND(0.43)	NA	ND(0.40)	NA
Benzo(k)fluoranthene	ND(0.47)	ND(0.43)	NA	ND(0.40)	NA
bis(2-Ethylhexyl)phthalate	ND(0.47)	ND(0.43)	NA	ND(0.40)	NA
Chrysene	ND(0.47)	ND(0.43)	NA	ND(0.40)	NA
Dibenzo(a,h)anthracene	ND(0.47)	ND(0.43)	NA	ND(0.40)	NA
Dibenzofuran	ND(0.47)	ND(0.43)	NA	ND(0.40)	NA
Di-n-Butylphthalate	ND(0.47)	ND(0.43)	NA	ND(0.40)	NA
Fluoranthene	ND(0.47)	ND(0.43)	NA	ND(0.40)	NA
Fluorene	ND(0.47)	ND(0.43)	NA	ND(0.40)	NA
Indeno(1,2,3-cd)pyrene	ND(0.47)	ND(0.43)	NA	ND(0.40)	NA
Naphthalene	ND(0.47)	ND(0.43)	NA	ND(0.40)	NA
Phenanthrene	ND(0.47)	ND(0.43)	NA	ND(0.40)	NA
Phenol	ND(0.47)	ND(0.43)	NA	ND(0.40)	NA
Pyrene	ND(0.47)	ND(0.43)	NA	ND(0.40)	NA
Organochlorine Pesticides					
4,4'-DDD	ND(0.016)	ND(0.016)	NA	ND(0.016)	NA
4,4'-DDE	ND(0.016)	ND(0.016)	NA	ND(0.016)	NA
4,4'-DDT	ND(0.016)	ND(0.016)	NA	ND(0.016)	NA
Organophosphate Pesticides					
None Detected	--	--	NA	--	NA
Herbicides					
2,4,5-T	ND(0.45)	ND(0.42)	NA	ND(0.39)	NA
2,4-D	ND(0.80)	ND(0.80)	NA	ND(0.80)	NA

TABLE 7-6
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA10-E-RR24b 1-3 04/05/05	RAA10-E-RR24b 3-6 04/05/05	RAA10-E-RR24b 4-6 04/05/05	RAA10-E-RR24b 6-15 04/05/05	RAA10-E-RR24b 10-12 04/05/05
Furans					
2,3,7,8-TCDF	ND(0.00000051) Y	ND(0.00000052)	NA	ND(0.00000049)	NA
TCDFs (total)	0.0000035	0.00000066	NA	ND(0.00000049)	NA
1,2,3,7,8-PeCDF	ND(0.00000056)	ND(0.00000082)	NA	ND(0.00000049)	NA
2,3,4,7,8-PeCDF	ND(0.00000057)	ND(0.00000083)	NA	ND(0.00000051)	NA
PeCDFs (total)	0.000011	ND(0.0000029)	NA	ND(0.0000010)	NA
1,2,3,4,7,8-HxCDF	ND(0.0000013)	ND(0.00000083)	NA	ND(0.00000047)	NA
1,2,3,6,7,8-HxCDF	ND(0.00000057)	ND(0.00000067)	NA	ND(0.00000039)	NA
1,2,3,7,8,9-HxCDF	ND(0.00000075)	ND(0.00000091)	NA	ND(0.00000052)	NA
2,3,4,6,7,8-HxCDF	ND(0.0000013)	ND(0.0000013)	NA	ND(0.00000072)	NA
HxCDFs (total)	0.000032	0.000016	NA	0.0000068	NA
1,2,3,4,6,7,8-HpCDF	0.000018	0.0000089	NA	0.0000045 J	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000068)	ND(0.0000010)	NA	ND(0.00000079)	NA
HpCDFs (total)	0.000033	0.000015	NA	0.0000075	NA
OCDF	0.0000071 J	ND(0.0000021)	NA	ND(0.0000013)	NA
Dioxins					
2,3,7,8-TCDD	ND(0.00000033)	ND(0.00000053)	NA	ND(0.00000030)	NA
TCDDs (total)	ND(0.00000033)	ND(0.00000053)	NA	ND(0.00000030)	NA
1,2,3,7,8-PeCDD	ND(0.00000081)	ND(0.0000013)	NA	ND(0.00000076)	NA
PeCDDs (total)	ND(0.00000081)	ND(0.0000013)	NA	ND(0.00000076)	NA
1,2,3,4,7,8-HxCDD	ND(0.00000058)	ND(0.00000088)	NA	ND(0.00000061)	NA
1,2,3,6,7,8-HxCDD	ND(0.00000046)	ND(0.00000067)	NA	ND(0.00000047)	NA
1,2,3,7,8,9-HxCDD	ND(0.00000049)	ND(0.00000074)	NA	ND(0.00000051)	NA
HxCDDs (total)	ND(0.0000012)	ND(0.00000075)	NA	ND(0.00000061)	NA
1,2,3,4,6,7,8-HpCDD	0.0000058 J	ND(0.0000027)	NA	ND(0.00000098)	NA
HpCDDs (total)	0.000011	ND(0.0000027)	NA	ND(0.00000098)	NA
OCDD	0.000053	0.000022	NA	0.000011 J	NA
Total TEQs (WHO TEFs)	0.0000013	0.0000016	NA	0.00000093	NA
Inorganics					
Antimony	1.70 B	ND(6.00)	NA	ND(6.00)	NA
Arsenic	2.90	2.50	NA	0.490 B	NA
Barium	54.0	25.0	NA	7.80 B	NA
Beryllium	0.460 B	0.260 B	NA	0.0980 B	NA
Cadmium	0.200 B	0.100 B	NA	0.0870 B	NA
Chromium	14.0	8.80	NA	3.70	NA
Cobalt	9.40	7.10	NA	3.00 B	NA
Copper	11.0	7.60	NA	3.80	NA
Cyanide	0.0970 B	0.0470 B	NA	ND(0.120)	NA
Lead	7.50	4.20	NA	2.40	NA
Mercury	0.0200 B	ND(0.130)	NA	ND(0.120)	NA
Nickel	16.0	13.0	NA	5.40	NA
Selenium	2.00	0.800 B	NA	ND(1.00)	NA
Silver	ND(1.00)	ND(1.00)	NA	ND(1.00)	NA
Sulfide	9.00	21.0	NA	35.0	NA
Thallium	ND(1.40)	ND(1.30)	NA	ND(1.20)	NA
Tin	2.10 B	1.60 B	NA	1.20 B	NA
Vanadium	16.0	9.80	NA	3.50 B	NA
Zinc	68.0	46.0	NA	20.0	NA

TABLE 7-6
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA10-E-VV22 0-1 03/09/05	RAA10-E-VV22 1-3 03/09/05	RAA10-N-C24 1-3 03/15/05	RAA10-N-C28 3-6 03/14/05	RAA10-N-C28 4-6 03/14/05
Volatile Organics					
2-Butanone	ND(0.016)	ND(0.012)	ND(0.018)	NA	ND(0.012)
2-Hexanone	ND(0.016)	ND(0.012)	ND(0.018)	NA	ND(0.012)
Acetone	ND(0.031)	ND(0.023)	ND(0.036)	NA	0.012 J
Benzene	ND(0.0078)	ND(0.0058)	ND(0.0089)	NA	ND(0.0060)
Carbon Disulfide	ND(0.0078)	ND(0.0058)	ND(0.0089)	NA	ND(0.0060)
Carbon Tetrachloride	ND(0.0078)	ND(0.0058)	ND(0.0089)	NA	ND(0.0060)
Chlorobenzene	ND(0.0078)	ND(0.0058)	ND(0.0089)	NA	ND(0.0060)
Ethylbenzene	ND(0.0078)	ND(0.0058)	ND(0.0089)	NA	ND(0.0060)
Isobutanol	ND(0.16)	0.16	ND(0.18)	NA	ND(0.12)
Styrene	ND(0.0078)	ND(0.0058)	ND(0.0089)	NA	ND(0.0060)
Toluene	0.0048 J	0.0057 J	ND(0.0089)	NA	ND(0.0060)
Trichloroethene	ND(0.0078)	ND(0.0058)	ND(0.0089)	NA	ND(0.0060)
Xylenes (total)	0.0045 J	0.0043 J	ND(0.0089)	NA	ND(0.0060)
Semivolatile Organics					
1,2-Dichlorobenzene	ND(5.2)	ND(3.9)	ND(0.60)	ND(0.41)	NA
1,4-Dichlorobenzene	ND(5.2)	ND(3.9)	ND(0.60)	ND(0.41)	NA
2-Methylnaphthalene	ND(5.2)	0.64 J	ND(0.60)	ND(0.41)	NA
2-Methylphenol	ND(5.2)	ND(3.9)	ND(0.60)	ND(0.41)	NA
3&4-Methylphenol	ND(5.2)	ND(3.9)	ND(1.2)	ND(0.82)	NA
Acenaphthene	ND(5.2)	ND(3.9)	ND(0.60)	ND(0.41)	NA
Acenaphthylene	ND(5.2)	0.47 J	ND(0.60)	ND(0.41)	NA
Anthracene	ND(5.2)	0.40 J	ND(0.60)	ND(0.41)	NA
Benzo(a)anthracene	ND(5.2)	0.74 J	ND(0.60)	ND(0.41)	NA
Benzo(a)pyrene	ND(5.2)	0.70 J	ND(0.60)	ND(0.41)	NA
Benzo(b)fluoranthene	ND(5.2)	0.95 J	ND(0.60)	ND(0.41)	NA
Benzo(g,h,i)perylene	ND(5.2)	0.66 J	ND(0.60)	ND(0.41)	NA
Benzo(k)fluoranthene	ND(5.2)	1.1 J	ND(0.60)	ND(0.41)	NA
bis(2-Ethylhexyl)phthalate	ND(2.6)	3.2	ND(0.59)	ND(0.41)	NA
Chrysene	ND(5.2)	0.93 J	ND(0.60)	ND(0.41)	NA
Dibenzo(a,h)anthracene	ND(5.2)	ND(3.9)	ND(0.60)	ND(0.41)	NA
Dibenzofuran	ND(5.2)	ND(3.9)	ND(0.60)	ND(0.41)	NA
Di-n-Butylphthalate	ND(5.2)	ND(3.9)	ND(0.60)	ND(0.41)	NA
Fluoranthene	ND(5.2)	1.2 J	ND(0.60)	ND(0.41)	NA
Fluorene	ND(5.2)	ND(3.9)	ND(0.60)	ND(0.41)	NA
Indeno(1,2,3-cd)pyrene	ND(5.2)	0.50 J	ND(0.60)	ND(0.41)	NA
Naphthalene	ND(5.2)	0.50 J	ND(0.60)	ND(0.41)	NA
Phenanthrene	ND(5.2)	0.87 J	ND(0.60)	ND(0.41)	NA
Phenol	ND(5.2)	ND(3.9)	ND(0.60)	ND(0.41)	NA
Pyrene	ND(5.2)	1.1 J	ND(0.60)	ND(0.41)	NA
Organochlorine Pesticides					
4,4'-DDD	ND(0.16)	ND(0.12)	ND(0.018)	NA	NA
4,4'-DDE	ND(0.16)	ND(0.12)	ND(0.018)	NA	NA
4,4'-DDT	ND(0.16)	ND(0.12)	ND(0.018)	NA	NA
Organophosphate Pesticides					
None Detected	--	--	--	NA	NA
Herbicides					
2,4,5-T	ND(0.50)	0.20 J	ND(0.57)	NA	NA
2,4-D	ND(0.80)	1.5	ND(0.89)	NA	NA

TABLE 7-6
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA10-E-VV22 0-1 03/09/05	RAA10-E-VV22 1-3 03/09/05	RAA10-N-C24 1-3 03/15/05	RAA10-N-C28 3-6 03/14/05	RAA10-N-C28 4-6 03/14/05
Furans					
2,3,7,8-TCDF	0.0000031 Y	0.0000028 Y	ND(0.0000021)	NA	NA
TCDFs (total)	0.000031	0.000036	ND(0.0000021)	NA	NA
1,2,3,7,8-PeCDF	ND(0.0000018)	ND(0.0000018)	ND(0.0000011)	NA	NA
2,3,4,7,8-PeCDF	ND(0.0000028)	ND(0.0000028)	ND(0.0000011)	NA	NA
PeCDFs (total)	0.000013	0.000031	ND(0.0000015)	NA	NA
1,2,3,4,7,8-HxCDF	0.0000039 J	0.0000050 J	ND(0.0000012)	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.0000023)	0.0000032 J	ND(0.00000085)	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.00000039)	ND(0.00000040)	ND(0.00000053)	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.0000025)	ND(0.0000030)	ND(0.00000053)	NA	NA
HxCDFs (total)	0.000060	0.00011	ND(0.0000012)	NA	NA
1,2,3,4,6,7,8-HpCDF	0.000031	0.000039	ND(0.0000015)	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000022)	0.0000032 J	ND(0.00000071)	NA	NA
HpCDFs (total)	0.00010	0.00014	ND(0.0000015)	NA	NA
OCDF	0.000081	0.000090	ND(0.0000016)	NA	NA
Dioxins					
2,3,7,8-TCDD	ND(0.00000040)	ND(0.00000034)	ND(0.00000085)	NA	NA
TCDDs (total)	0.0000015	0.0000027	ND(0.00000085)	NA	NA
1,2,3,7,8-PeCDD	ND(0.00000084)	ND(0.00000096)	ND(0.0000022)	NA	NA
PeCDDs (total)	ND(0.0000018)	ND(0.0000025)	ND(0.0000022)	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.0000021)	ND(0.0000022)	ND(0.0000011)	NA	NA
1,2,3,6,7,8-HxCDD	0.0000052 J	0.0000077	ND(0.0000011)	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.0000023)	0.0000070	ND(0.0000010)	NA	NA
HxCDDs (total)	0.00013	0.00021	ND(0.0000011)	NA	NA
1,2,3,4,6,7,8-HpCDD	0.00024	0.00040	ND(0.0000024)	NA	NA
HpCDDs (total)	0.0013	0.0019	ND(0.0000024)	NA	NA
OCDD	0.0018	0.0025	ND(0.000016)	NA	NA
Total TEQs (WHO TEFs)	0.0000060	0.0000089	0.0000023	NA	NA
Inorganics					
Antimony	2.70 B	2.10 B	ND(6.00)	2.50 B	NA
Arsenic	17.0	12.0	2.50	2.30	NA
Barium	44.0	48.0	110	7.50 B	NA
Beryllium	0.470 B	0.310 B	0.760	0.130 B	NA
Cadmium	0.400 B	0.380 B	ND(0.500)	0.0940 B	NA
Chromium	16.0	13.0	21.0	5.30	NA
Cobalt	12.0	10.0	11.0	5.60	NA
Copper	97.0	50.0	16.0	7.80	NA
Cyanide	0.480	0.130	0.0810 B	ND(0.250)	NA
Lead	120	80.0	10.0	3.20	NA
Mercury	0.210	0.180	0.0530 B	ND(0.120)	NA
Nickel	19.0	13.0	24.0	9.30	NA
Selenium	3.00	2.00	1.60	1.20	NA
Silver	ND(1.20)	ND(1.00)	ND(1.30)	ND(1.00)	NA
Sulfide	38.0	37.0	ND(8.90)	18.0	NA
Thallium	ND(1.60)	ND(1.20)	ND(1.80)	ND(1.20)	NA
Tin	8.10 B	5.70 B	4.10 B	3.60 B	NA
Vanadium	27.0	15.0	24.0	4.60 B	NA
Zinc	140	140	100	35.0	NA

TABLE 7-6
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA10-N-C28 6-15 03/14/05	RAA10-N-C28 8-10 03/14/05	RAA10-N-G28 1-3 03/16/05	RAA10-N-G28 6-15 03/16/05	RAA10-N-G28 8-10 03/16/05	RAA10-N-GG24 0-1 03/17/05
Volatile Organics						
2-Butanone	NA	ND(0.012)	ND(0.014)	NA	ND(0.018)	ND(0.013)
2-Hexanone	NA	ND(0.012)	ND(0.014)	NA	ND(0.018)	ND(0.013)
Acetone	NA	ND(0.024)	ND(0.027)	NA	0.18	ND(0.026)
Benzene	NA	ND(0.0061)	ND(0.0068)	NA	ND(0.0090)	ND(0.0065)
Carbon Disulfide	NA	ND(0.0061)	ND(0.0068)	NA	ND(0.0090)	ND(0.0065)
Carbon Tetrachloride	NA	ND(0.0061)	ND(0.0068)	NA	ND(0.0090)	ND(0.0065)
Chlorobenzene	NA	ND(0.0061)	ND(0.0068)	NA	ND(0.0090)	ND(0.0065)
Ethylbenzene	NA	ND(0.0061)	ND(0.0068)	NA	ND(0.0090)	ND(0.0065)
Isobutanol	NA	ND(0.12)	ND(0.14)	NA	ND(0.18)	ND(0.13)
Styrene	NA	ND(0.0061)	ND(0.0068)	NA	ND(0.0090)	ND(0.0065)
Toluene	NA	ND(0.0061)	ND(0.0068)	NA	ND(0.0090)	ND(0.0065)
Trichloroethene	NA	ND(0.0061)	ND(0.0068)	NA	ND(0.0090)	ND(0.0065)
Xylenes (total)	NA	ND(0.0061)	ND(0.0068)	NA	ND(0.0090)	ND(0.0065)
Semivolatile Organics						
1,2-Dichlorobenzene	ND(0.43)	NA	ND(0.45)	ND(0.67)	NA	ND(0.43)
1,4-Dichlorobenzene	ND(0.43)	NA	ND(0.45)	ND(0.67)	NA	ND(0.43)
2-Methylnaphthalene	ND(0.43)	NA	ND(0.45)	ND(0.67)	NA	ND(0.43)
2-Methylphenol	ND(0.43)	NA	ND(0.45)	ND(0.67)	NA	ND(0.43)
3&4-Methylphenol	ND(0.87)	NA	ND(0.91)	ND(1.4)	NA	ND(0.87)
Acenaphthene	ND(0.43)	NA	ND(0.45)	ND(0.67)	NA	ND(0.43)
Acenaphthylene	ND(0.43)	NA	ND(0.45)	ND(0.67)	NA	ND(0.43)
Anthracene	ND(0.43)	NA	0.042 J	ND(0.67)	NA	0.022 J
Benzo(a)anthracene	ND(0.43)	NA	0.089 J	ND(0.67)	NA	0.081 J
Benzo(a)pyrene	ND(0.43)	NA	0.079 J	ND(0.67)	NA	0.072 J
Benzo(b)fluoranthene	ND(0.43)	NA	0.14 J	ND(0.67)	NA	0.058 J
Benzo(g,h,i)perylene	ND(0.43)	NA	ND(0.45)	ND(0.67)	NA	0.028 J
Benzo(k)fluoranthene	ND(0.43)	NA	0.095 J	ND(0.67)	NA	0.10 J
bis(2-Ethylhexyl)phthalate	0.55	NA	ND(0.45)	ND(0.67)	NA	ND(0.43)
Chrysene	ND(0.43)	NA	0.17 J	ND(0.67)	NA	0.10 J
Dibenzo(a,h)anthracene	ND(0.43)	NA	ND(0.45)	ND(0.67)	NA	ND(0.43)
Dibenzofuran	ND(0.43)	NA	ND(0.45)	ND(0.67)	NA	ND(0.43)
Di-n-Butylphthalate	ND(0.43)	NA	ND(0.45)	ND(0.67)	NA	0.071 J
Fluoranthene	ND(0.43)	NA	0.29 J	ND(0.67)	NA	0.15 J
Fluorene	ND(0.43)	NA	ND(0.45)	ND(0.67)	NA	ND(0.43)
Indeno(1,2,3-cd)pyrene	ND(0.43)	NA	ND(0.45)	ND(0.67)	NA	0.031 J
Naphthalene	ND(0.43)	NA	ND(0.45)	ND(0.67)	NA	ND(0.43)
Phenanthrene	ND(0.43)	NA	0.079 J	ND(0.67)	NA	0.066 J
Phenol	ND(0.43)	NA	ND(0.45)	ND(0.67)	NA	ND(0.43)
Pyrene	ND(0.43)	NA	0.25 J	ND(0.67)	NA	0.15 J
Organochlorine Pesticides						
4,4'-DDD	NA	NA	NA	NA	NA	ND(0.016)
4,4'-DDE	NA	NA	NA	NA	NA	ND(0.016)
4,4'-DDT	NA	NA	NA	NA	NA	ND(0.016)
Organophosphate Pesticides						
None Detected	NA	NA	NA	NA	NA	--
Herbicides						
2,4,5-T	NA	NA	NA	NA	NA	ND(0.42)
2,4-D	NA	NA	NA	NA	NA	ND(0.80)

TABLE 7-6
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA10-N-C28 6-15 03/14/05	RAA10-N-C28 8-10 03/14/05	RAA10-N-G28 1-3 03/16/05	RAA10-N-G28 6-15 03/16/05	RAA10-N-G28 8-10 03/16/05	RAA10-N-GG24 0-1 03/17/05
Furans							
2,3,7,8-TCDF		NA	NA	NA	NA	NA	0.0000029 Y
TCDFs (total)		NA	NA	NA	NA	NA	0.000020
1,2,3,7,8-PeCDF		NA	NA	NA	NA	NA	ND(0.0000014)
2,3,4,7,8-PeCDF		NA	NA	NA	NA	NA	ND(0.0000017)
PeCDFs (total)		NA	NA	NA	NA	NA	0.000022
1,2,3,4,7,8-HxCDF		NA	NA	NA	NA	NA	0.0000033 J
1,2,3,6,7,8-HxCDF		NA	NA	NA	NA	NA	ND(0.0000028)
1,2,3,7,8,9-HxCDF		NA	NA	NA	NA	NA	ND(0.00000044)
2,3,4,6,7,8-HxCDF		NA	NA	NA	NA	NA	ND(0.0000025)
HxCDFs (total)		NA	NA	NA	NA	NA	0.000084
1,2,3,4,6,7,8-HpCDF		NA	NA	NA	NA	NA	0.000073
1,2,3,4,7,8,9-HpCDF		NA	NA	NA	NA	NA	ND(0.0000026)
HpCDFs (total)		NA	NA	NA	NA	NA	0.00024
OCDF		NA	NA	NA	NA	NA	0.00024
Dioxins							
2,3,7,8-TCDD		NA	NA	NA	NA	NA	ND(0.00000019)
TCDDs (total)		NA	NA	NA	NA	NA	0.0000094
1,2,3,7,8-PeCDD		NA	NA	NA	NA	NA	ND(0.00000057)
PeCDDs (total)		NA	NA	NA	NA	NA	ND(0.0000014)
1,2,3,4,7,8-HxCDD		NA	NA	NA	NA	NA	ND(0.00000065)
1,2,3,6,7,8-HxCDD		NA	NA	NA	NA	NA	0.0000065
1,2,3,7,8,9-HxCDD		NA	NA	NA	NA	NA	ND(0.0000024)
HxCDDs (total)		NA	NA	NA	NA	NA	0.000023
1,2,3,4,6,7,8-HpCDD		NA	NA	NA	NA	NA	0.00015
HpCDDs (total)		NA	NA	NA	NA	NA	0.00024
OCDD		NA	NA	NA	NA	NA	0.0011
Total TEQs (WHO TEFs)		NA	NA	NA	NA	NA	0.0000049
Inorganics							
Antimony		ND(6.00)	NA	0.980 B	ND(6.00)	NA	ND(6.00)
Arsenic		2.20	NA	16.0	2.30	NA	3.60
Barium		6.30 B	NA	40.0	72.0	NA	27.0
Beryllium		0.170 B	NA	0.370 B	0.430 B	NA	0.240 B
Cadmium		ND(0.500)	NA	ND(0.500)	0.250 B	NA	0.130 B
Chromium		6.40	NA	15.0	13.0	NA	11.0
Cobalt		5.40	NA	12.0	6.70	NA	6.80
Copper		9.00	NA	30.0	18.0	NA	13.0
Cyanide		ND(0.260)	NA	0.0830 B	0.120 B	NA	0.240
Lead		4.60	NA	14.0	6.50	NA	18.0
Mercury		ND(0.130)	NA	0.0260 B	0.0300 B	NA	0.120 B
Nickel		10.0	NA	22.0	14.0	NA	11.0
Selenium		0.670 B	NA	ND(1.00)	ND(1.50)	NA	1.00
Silver		ND(1.00)	NA	ND(1.00)	ND(1.50)	NA	ND(1.00)
Sulfide		ND(6.50)	NA	ND(6.80)	42.0	NA	10.0
Thallium		ND(1.30)	NA	6.50	2.50	NA	ND(1.30)
Tin		3.00 B	NA	5.00 B	5.80 B	NA	2.00 B
Vanadium		4.50 B	NA	15.0	15.0	NA	10.0
Zinc		37.0	NA	82.0	67.0	NA	49.0

TABLE 7-6
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA10-N-GG24 1-3 03/17/05	RAA10-N-O20 0-1 03/03/05	RAA10-N-O22 0-1 03/03/05	RAA10-N-Q20 0-1 03/03/05	RAA10-N-Q22 0-1 03/03/05
Volatile Organics					
2-Butanone	ND(0.012)	ND(0.019)	0.0096 J	ND(0.027)	0.039
2-Hexanone	0.0074 J	ND(0.019)	ND(0.028)	ND(0.027)	ND(0.037)
Acetone	ND(0.024)	ND(0.039)	0.062	ND(0.055)	0.23
Benzene	0.38	ND(0.0097)	ND(0.014)	ND(0.014)	ND(0.018)
Carbon Disulfide	ND(0.0061)	ND(0.0097)	ND(0.014)	ND(0.014)	ND(0.018)
Carbon Tetrachloride	ND(0.0061)	ND(0.0097)	ND(0.014)	ND(0.014)	ND(0.018)
Chlorobenzene	5.8	ND(0.0097)	ND(0.014)	ND(0.014)	0.016 J
Ethylbenzene	0.0066	ND(0.0097)	ND(0.014)	ND(0.014)	ND(0.018)
Isobutanol	0.66	0.18 J	ND(0.28)	ND(0.27)	ND(0.37)
Styrene	ND(0.0061)	ND(0.0097)	ND(0.014)	ND(0.014)	ND(0.018)
Toluene	0.070	0.038	ND(0.014)	ND(0.014)	ND(0.018)
Trichloroethene	ND(0.0061)	ND(0.0097)	ND(0.014)	ND(0.014)	ND(0.018)
Xylenes (total)	0.0033 J	ND(0.0097)	ND(0.014)	0.013 J	ND(0.018)
Semivolatile Organics					
1,2-Dichlorobenzene	0.043 J	ND(0.65)	ND(0.92)	ND(0.91)	ND(1.2)
1,4-Dichlorobenzene	0.070 J	ND(0.65)	ND(0.92)	ND(0.91)	ND(1.2)
2-Methylnaphthalene	ND(0.41)	ND(0.65)	ND(0.92)	ND(0.91)	ND(1.2)
2-Methylphenol	ND(0.41)	ND(0.65)	ND(0.92)	ND(0.91)	ND(1.2)
3&4-Methylphenol	ND(0.82)	ND(1.3)	ND(1.8)	ND(1.8)	ND(2.5)
Acenaphthene	ND(0.41)	ND(0.65)	ND(0.92)	ND(0.91)	ND(1.2)
Acenaphthylene	ND(0.41)	ND(0.65)	ND(0.92)	ND(0.91)	ND(1.2)
Anthracene	ND(0.41)	ND(0.65)	ND(0.92)	ND(0.91)	ND(1.2)
Benzo(a)anthracene	ND(0.41)	ND(0.65)	ND(0.92)	ND(0.91)	ND(1.2)
Benzo(a)pyrene	ND(0.41)	ND(0.65)	ND(0.92)	ND(0.91)	ND(1.2)
Benzo(b)fluoranthene	ND(0.41)	ND(0.65)	ND(0.92)	ND(0.91)	ND(1.2)
Benzo(g,h,i)perylene	ND(0.41)	ND(0.65)	ND(0.92)	ND(0.91)	ND(1.2)
Benzo(k)fluoranthene	ND(0.41)	ND(0.65)	ND(0.92)	ND(0.91)	ND(1.2)
bis(2-Ethylhexyl)phthalate	ND(0.40)	ND(0.64)	ND(0.91)	ND(0.90)	ND(1.2)
Chrysene	ND(0.41)	ND(0.65)	ND(0.92)	ND(0.91)	ND(1.2)
Dibenzo(a,h)anthracene	ND(0.41)	ND(0.65)	ND(0.92)	ND(0.91)	ND(1.2)
Dibenzofuran	ND(0.41)	ND(0.65)	ND(0.92)	ND(0.91)	ND(1.2)
Di-n-Butylphthalate	ND(0.41)	ND(0.65)	ND(0.92)	ND(0.91)	ND(1.2)
Fluoranthene	ND(0.41)	ND(0.65)	ND(0.92)	ND(0.91)	0.16 J
Fluorene	ND(0.41)	ND(0.65)	ND(0.92)	ND(0.91)	ND(1.2)
Indeno(1,2,3-cd)pyrene	ND(0.41)	ND(0.65)	ND(0.92)	ND(0.91)	ND(1.2)
Naphthalene	0.058 J	ND(0.65)	ND(0.92)	ND(0.91)	ND(1.2)
Phenanthrene	ND(0.41)	ND(0.65)	ND(0.92)	ND(0.91)	ND(1.2)
Phenol	0.061 J	ND(0.65)	ND(0.92)	ND(0.91)	ND(1.2)
Pyrene	ND(0.41)	ND(0.65)	ND(0.92)	ND(0.91)	0.18 J
Organochlorine Pesticides					
4,4'-DDD	NA	3.8	1.4	0.053 J	ND(0.37)
4,4'-DDE	NA	3.1	ND(1.4)	0.011 J	ND(0.37)
4,4'-DDT	NA	0.89 J	ND(1.4)	0.024 J	ND(0.37)
Organophosphate Pesticides					
None Detected	NA	--	--	--	--
Herbicides					
2,4,5-T	NA	ND(0.62)	ND(2.5)	ND(2.5)	ND(3.4)
2,4-D	NA	ND(0.97)	ND(2.5)	ND(2.5)	ND(3.4)

TABLE 7-6
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA10-N-GG24 1-3 03/17/05	RAA10-N-O20 0-1 03/03/05	RAA10-N-O22 0-1 03/03/05	RAA10-N-Q20 0-1 03/03/05	RAA10-N-Q22 0-1 03/03/05
Furans					
2,3,7,8-TCDF	NA	0.000025 YI	0.000031 YI	0.00013 YI	0.0000074 Y
TCDFs (total)	NA	0.00023	0.00026	0.0010	0.000067
1,2,3,7,8-PeCDF	NA	ND(0.0000044)	ND(0.0000061)	0.000025	ND(0.0000021)
2,3,4,7,8-PeCDF	NA	ND(0.0000045)	0.0000083 J	0.000028	ND(0.0000027)
PeCDFs (total)	NA	0.000030	0.000080	0.00038	0.000021
1,2,3,4,7,8-HxCDF	NA	ND(0.0000037)	ND(0.0000054)	0.000018	ND(0.0000032)
1,2,3,6,7,8-HxCDF	NA	ND(0.0000019)	ND(0.0000045)	0.000014 JI	ND(0.0000025)
1,2,3,7,8,9-HxCDF	NA	ND(0.00000048)	ND(0.00000069)	ND(0.0000012)	ND(0.00000092)
2,3,4,6,7,8-HxCDF	NA	ND(0.0000019)	ND(0.0000032)	0.000012 J	ND(0.0000024)
HxCDFs (total)	NA	0.0000078	0.000037	0.00018	0.000031
1,2,3,4,6,7,8-HpCDF	NA	0.0000057 J	0.000013	0.000038	ND(0.0000073)
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000065)	ND(0.0000015)	ND(0.0000038)	ND(0.00000095)
HpCDFs (total)	NA	0.0000057	0.000023	0.000068	0.0000081
OCDF	NA	ND(0.0000044)	0.000015 J	0.000036	ND(0.0000082)
Dioxins					
2,3,7,8-TCDD	NA	ND(0.00000037)	ND(0.00000056)	ND(0.00000082)	ND(0.00000057)
TCDDs (total)	NA	0.0000021	0.0000071	0.000023	ND(0.00000073)
1,2,3,7,8-PeCDD	NA	ND(0.00000065)	ND(0.00000099)	ND(0.0000014)	ND(0.0000011)
PeCDDs (total)	NA	ND(0.0000010)	ND(0.0000018)	ND(0.0000024)	ND(0.0000011)
1,2,3,4,7,8-HxCDD	NA	ND(0.00000048)	ND(0.00000071)	ND(0.0000012)	ND(0.00000073)
1,2,3,6,7,8-HxCDD	NA	ND(0.00000065)	ND(0.0000013)	ND(0.0000032)	ND(0.00000095)
1,2,3,7,8,9-HxCDD	NA	ND(0.00000080)	ND(0.0000017)	ND(0.0000032)	ND(0.00000095)
HxCDDs (total)	NA	ND(0.0000021)	ND(0.0000047)	0.000012	ND(0.0000024)
1,2,3,4,6,7,8-HpCDD	NA	0.0000049 J	0.000015	0.000026	ND(0.0000075)
HpCDDs (total)	NA	0.0000096	0.000028	0.000049	ND(0.0000075)
OCDD	NA	0.000030	0.000097	0.00014	0.000045
Total TEQs (WHO TEFs)	NA	0.0000049	0.0000094	0.000035	0.0000030
Inorganics					
Antimony	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	8.50	4.10	5.20	4.10	8.50
Barium	23.0	180	160	210	100
Beryllium	0.740	1.00	1.10	1.70	0.570
Cadmium	0.250 B	0.460 B	0.730	0.730	0.840
Chromium	12.0	22.0	25.0	36.0	17.0
Cobalt	9.30	9.10	8.80	14.0	12.0
Copper	13.0	25.0	33.0	44.0	29.0
Cyanide	0.110 B	0.300	0.330	0.300	0.480
Lead	13.0	19.0	22.0	20.0	51.0
Mercury	0.0910 B	0.200	0.220 B	0.100 B	0.190 B
Nickel	19.0	23.0	25.0	36.0	21.0
Selenium	2.20	2.70	3.60	3.60	5.50
Silver	ND(1.00)	ND(1.40)	ND(2.10)	ND(2.00)	ND(2.80)
Sulfide	20.0	25.0	57.0	22.0	100
Thallium	1.60	ND(1.90)	ND(2.80)	ND(2.70)	ND(3.70)
Tin	1.60 B	3.00 B	4.40 B	4.70 B	6.60 B
Vanadium	18.0	27.0	30.0	42.0	22.0
Zinc	69.0	90.0	82.0	130	130

TABLE 7-6
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA10-N-S20 0-1 03/03/05	RAA10-N-S22 0-1 03/03/05	RAA10-N-U22 0-1 03/03/05	RAA10-N-W20 0-1 03/03/05
Volatile Organics				
2-Butanone	0.044 J	0.011 J	ND(0.037)	0.024 J
2-Hexanone	ND(0.051)	ND(0.027)	ND(0.037)	ND(0.035)
Acetone	0.26	0.065	0.17	0.20
Benzene	ND(0.025)	ND(0.014)	ND(0.018)	ND(0.017)
Carbon Disulfide	ND(0.025)	ND(0.014)	ND(0.018)	ND(0.017)
Carbon Tetrachloride	ND(0.025)	ND(0.014)	ND(0.018)	ND(0.017)
Chlorobenzene	0.017 J	ND(0.014)	0.11	0.015 J
Ethylbenzene	ND(0.025)	ND(0.014)	ND(0.018)	ND(0.017)
Isobutanol	ND(0.51)	ND(0.27)	ND(0.37)	ND(0.35)
Styrene	ND(0.025)	ND(0.014)	ND(0.018)	ND(0.017)
Toluene	ND(0.025)	ND(0.014)	ND(0.018)	0.037
Trichloroethene	ND(0.025)	ND(0.014)	ND(0.018)	ND(0.017)
Xylenes (total)	0.014 J	ND(0.014)	ND(0.018)	0.013 J
Semivolatile Organics				
1,2-Dichlorobenzene	ND(1.7)	ND(0.91)	ND(1.2)	ND(1.2)
1,4-Dichlorobenzene	ND(1.7)	ND(0.91)	ND(1.2)	ND(1.2)
2-Methylnaphthalene	ND(1.7)	ND(0.91)	ND(1.2)	ND(1.2)
2-Methylphenol	ND(1.7)	ND(0.91)	ND(1.2)	0.20 J
3&4-Methylphenol	ND(3.4)	ND(1.8)	ND(2.5)	0.16 J
Acenaphthene	ND(1.7)	ND(0.91)	ND(1.2)	ND(1.2)
Acenaphthylene	ND(1.7)	ND(0.91)	ND(1.2)	ND(1.2)
Anthracene	ND(1.7)	ND(0.91)	ND(1.2)	ND(1.2)
Benzo(a)anthracene	ND(1.7)	0.24 J	0.18 J	ND(1.2)
Benzo(a)pyrene	ND(1.7)	0.15 J	0.18 J	ND(1.2)
Benzo(b)fluoranthene	ND(1.7)	0.26 J	0.18 J	ND(1.2)
Benzo(g,h,i)perylene	ND(1.7)	0.13 J	ND(1.2)	ND(1.2)
Benzo(k)fluoranthene	ND(1.7)	0.24 J	0.22 J	ND(1.2)
bis(2-Ethylhexyl)phthalate	ND(1.7)	ND(0.90)	ND(1.2)	ND(1.1)
Chrysene	0.20 J	0.29 J	0.33 J	ND(1.2)
Dibenzo(a,h)anthracene	ND(1.7)	ND(0.91)	ND(1.2)	ND(1.2)
Dibenzofuran	ND(1.7)	ND(0.91)	ND(1.2)	ND(1.2)
Di-n-Butylphthalate	ND(1.7)	ND(0.91)	ND(1.2)	ND(1.2)
Fluoranthene	0.34 J	0.39 J	0.51 J	0.16 J
Fluorene	ND(1.7)	ND(0.91)	ND(1.2)	ND(1.2)
Indeno(1,2,3-cd)pyrene	ND(1.7)	0.12 J	ND(1.2)	ND(1.2)
Naphthalene	ND(1.7)	ND(0.91)	ND(1.2)	ND(1.2)
Phenanthrene	0.22 J	0.14 J	0.35 J	0.14 J
Phenol	ND(1.7)	ND(0.91)	ND(1.2)	1.3
Pyrene	0.43 J	0.38 J	0.63 J	0.15 J
Organochlorine Pesticides				
4,4'-DDD	0.29 J	ND(0.027)	ND(1.8)	ND(35)
4,4'-DDE	0.093 J	ND(0.027)	ND(1.8)	ND(35)
4,4'-DDT	0.34 J	ND(0.027)	ND(1.8)	ND(35)
Organophosphate Pesticides				
None Detected	--	--	--	--
Herbicides				
2,4,5-T	ND(9.3)	ND(0.87)	ND(1.2)	ND(1.1)
2,4-D	ND(9.3)	ND(1.4)	ND(1.8)	1.6 J

TABLE 7-6
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA10-N-S20 0-1 03/03/05	RAA10-N-S22 0-1 03/03/05	RAA10-N-U22 0-1 03/03/05	RAA10-N-W20 0-1 03/03/05
Furans					
2,3,7,8-TCDF		0.0012 YI	0.000012 YI	0.00022 YI	0.00017 YI
TCDFs (total)		0.0089	0.00012	0.0019	0.0016
1,2,3,7,8-PeCDF		0.00017	ND(0.0000033)	0.000048	0.000040
2,3,4,7,8-PeCDF		0.00022	ND(0.0000038)	0.000085	0.000082
PeCDFs (total)		0.0039	0.000043	0.0014	0.0018
1,2,3,4,7,8-HxCDF		0.00011	ND(0.0000049)	0.000084	0.00031
1,2,3,6,7,8-HxCDF		0.00011 I	ND(0.0000029)	0.000069 I	0.00015 I
1,2,3,7,8,9-HxCDF		ND(0.0000095)	ND(0.00000077)	ND(0.0000050)	0.0000061 J
2,3,4,6,7,8-HxCDF		0.000084	ND(0.0000034)	0.000064	0.000073
HxCDFs (total)		0.0019	0.000015	0.0014	0.0021
1,2,3,4,6,7,8-HpCDF		0.00022	0.000010 J	0.00020	0.00032
1,2,3,4,7,8,9-HpCDF		0.000019 J	ND(0.0000015)	0.000034	0.00012
HpCDFs (total)		0.00047	0.000020	0.00049	0.00079
OCDF		0.00015	ND(0.0000099)	0.00024	0.00044
Dioxins					
2,3,7,8-TCDD		0.0000055	ND(0.00000071)	0.0000035 J	ND(0.0000021)
TCDDs (total)		0.00016	0.0000019	0.000032	0.000027
1,2,3,7,8-PeCDD		0.000016 J	ND(0.0000017)	ND(0.000013) Q	ND(0.000011) Q
PeCDDs (total)		0.000066	ND(0.0000017)	ND(0.000013)	ND(0.000011)
1,2,3,4,7,8-HxCDD		ND(0.0000054)	ND(0.00000085)	ND(0.0000075)	0.0000076 J
1,2,3,6,7,8-HxCDD		0.000024	ND(0.0000014)	0.000024	0.000037
1,2,3,7,8,9-HxCDD		0.000015 J	ND(0.0000014)	0.000014 J	0.000017
HxCDDs (total)		0.00023	ND(0.0000038)	0.00022	0.00023
1,2,3,4,6,7,8-HpCDD		0.00012	0.000012 J	0.00016	0.00015
HpCDDs (total)		0.00025	0.000021	0.00032	0.00029
OCDD		0.00052	0.000076	0.00099	0.00063
Total TEQs (WHO TEFs)		0.00030	0.0000045	0.00011	0.00013
Inorganics					
Antimony		ND(7.60)	ND(6.00)	ND(6.00)	3.30 B
Arsenic		30.0	3.90	2.80	21.0
Barium		130	140	71.0	250
Beryllium		1.10	1.10	0.560	0.820
Cadmium		2.10	0.490 B	0.340 B	2.00
Chromium		37.0	25.0	14.0	35.0
Cobalt		26.0	8.60	5.40	13.0
Copper		73.0	34.0	22.0	550
Cyanide		0.480 B	0.270 B	0.380	0.720
Lead		260	27.0	14.0	190
Mercury		4.20	0.200 B	2.30	25.0
Nickel		54.0	25.0	15.0	47.0
Selenium		6.00	3.20	3.80	4.60
Silver		0.730 B	ND(2.00)	ND(2.80)	0.540 B
Sulfide		6500	39.0	120	220
Thallium		ND(5.10)	ND(2.70)	ND(3.70)	2.90 B
Tin		11.0 B	3.70 B	4.10 B	12.0 B
Vanadium		100	32.0	16.0	46.0
Zinc		1600	83.0	47.0	590

TABLE 7-6
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
UNKAMET BROOK AREA
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 Appendix IX+3 constituents.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses 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.
7. Field duplicate sample results are presented in brackets.

Data Qualifiers:

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

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

Inorganics

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

TABLE 7-7
PCB DATA RECEIVED DURING APRIL 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	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Building 108										
108-1-1-OIL-1	Oil	3/31/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
108-1-2-OIL-1	Oil	4/5/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
108-1-3-OIL-1	Oil	4/5/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
108-1-4-OIL-1	Oil	4/6/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
108-1-5-OIL-1	Oil	4/5/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
108-1-6-OIL-1	Oil	4/6/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
108-F1669-OIL-1	Oil	4/5/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
108-F1670-OIL-1	Oil	4/5/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
108-F1671-OIL-1	Oil	4/5/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
108-F1672-OIL-1	Oil	4/5/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Building 109										
109-1-1-OIL-1	Oil	3/31/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
109-1-2-OIL-1	Oil	3/31/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
109-1-3-OIL-1	Oil	4/5/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
109-B1528-WATER-1	Water	4/8/2005	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	0.00015	ND(0.000065)	0.00015
109-ELEVATOR-OIL-1	Oil	4/18/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Building 110										
110-1-PC-1	Paint Chips	4/27/2005	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	2.5	2.2	1.1	5.8
110-2-1-OIL-1	Oil	3/31/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
110-2-2-OIL-1	Oil	3/31/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
110-A0624-SOLID-1	Solid	4/15/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.64	0.64
Building 112										
112-1-1-OIL-1	Oil	3/31/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
112-1-2-OIL-1	Oil	3/31/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Building 113										
113-1-1-OIL-1	Oil	3/31/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
113-1-2-OIL-1	Oil	3/31/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
113-1-3-OIL-1	Oil	3/31/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
113-1-4-OIL-1	Oil	3/31/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
113-PC-1	Paint Chips	4/27/2005	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	0.55	1.3	1.85
Building 114										
114-1-1-OIL-1	Oil	3/31/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
114-1-2-OIL-1	Oil	3/31/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
114-1-3-OIL-1	Oil	3/31/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
114-1-4-OIL-1	Oil	3/31/2005	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)
114-1-17-GLYCOL-1	Glycol	3/31/2005	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
114-2-1-OIL-1	Oil	4/1/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
114-2-2-OIL-1	Oil	4/1/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)

TABLE 7-7
PCB DATA RECEIVED DURING APRIL 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	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Building 114 (continued)										
114-2-3-OIL-1	Oil	4/1/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
114-2-4-OIL-1	Oil	4/1/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
114-2-5-OIL-1	Oil	4/1/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
114-3-1-OIL-1	Oil	3/31/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
114-B1531-WATER-1	Water	4/8/2005	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
114-F1160-OIL-1	Oil	3/31/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
114-F1661-OIL-1	Oil	4/7/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
114-F1662-WATER-1	Water	4/7/2005	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
114-F1663-WATER-1	Water	4/7/2005	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
114-F1796-OIL-1	Oil	3/31/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
114-ROOF-1-OIL-1	Oil	4/6/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
114-SUMP-COMP-SOLID-1	Solid	4/15/2005	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.22	0.49	0.71

Notes:
1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs, volatiles, semivolatiles, metals, flashpoint, and TCLP constituents.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Field duplicate sample results are presented in brackets.
4. Please refer to Table 7-8 for a summary of volatiles, semivolatiles, metals, and flashpoint and to Table 7-9 for a summary of TCLP constituents.

TABLE 7-8
APPENDIX IX+3 DATA

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-B1528-WATER-1 04/08/05	114-B1531-WATER-1 04/08/05	114-F1661-OIL-1 04/07/05	114-F1662-WATER-1 04/07/05	114-F1663-WATER-1 04/07/05
Volatile Organics					
Benzene	ND(0.0050)	0.56	ND(0.21)	0.28	0.024 J
Chlorobenzene	ND(0.0050)	15	ND(0.21)	6.5	2.0
Ethylbenzene	ND(0.0050)	ND(0.50)	0.34	ND(0.10)	ND(0.10)
Methylene Chloride	0.0080	ND(0.50)	ND(0.21)	ND(0.10)	ND(0.10)
Toluene	0.49	1.4	1.6	0.082 J	ND(0.10)
Xylenes (total)	ND(0.010)	ND(0.50)	2.5	ND(0.10)	ND(0.10)
Semivolatile Organics					
1,2-Dichlorobenzene	ND(0.10)	31	ND(130)	1.3	0.58
2,4,5-Trichlorophenol	0.034 J	ND(0.10)	ND(130)	ND(0.010)	ND(0.010)
2-Chlorophenol	ND(0.10)	0.030 J	ND(130)	0.0027 J	0.0021 J
2-Methylphenol	0.022 J	ND(0.10)	ND(130)	ND(0.010)	ND(0.010)
Benzo(a)anthracene	ND(0.10)	ND(0.10)	560	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.050)	ND(0.050)	ND(66)	0.011	0.019
Chrysene	ND(0.10)	ND(0.10)	540	ND(0.010)	ND(0.010)
Fluorene	ND(0.10)	ND(0.10)	92 J	ND(0.010)	ND(0.010)
Naphthalene	ND(0.10)	ND(0.10)	ND(130)	0.0016 J	0.0041 J
Phenol	ND(0.10)	0.042 J	ND(130)	0.0025 J	0.0097 J
Inorganics-Unfiltered					
Arsenic	0.120	ND(0.00500)	0.410 B	0.00690	ND(0.00500)
Barium	0.0110	0.0660	ND(0.150)	0.480	0.0830
Cadmium	0.00200	0.00430	ND(0.150)	0.0590	0.0160
Chromium	0.0250	0.0340	0.320 B	0.460	0.0890
Lead	0.0580	0.170	ND(0.750)	1.60	0.500
Mercury	0.00110	0.00310	ND(0.200)	0.0520	0.0220
Selenium	ND(0.00500)	ND(0.00500)	0.820 B	0.0260	ND(0.00500)
Silver	ND(0.00500)	ND(0.00500)	43.0	0.00130 B	ND(0.00500)
Conventional Parameters					
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 PCBs, volatiles, semivolatiles, metals, and flashpoint.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Only those constituents detected in one or more samples are summarized.
4. Please refer to Table 7-7 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 7-9
TCLP DATA RECEIVED DURING APRIL 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	110-A0624-SOLID-1 4/15/2005	114-SUMP-COMP-SOLID-1 4/15/2005
Volatile Organics			
1,1-Dichloroethene	0.7	ND(0.10)	ND(0.10)
1,2-Dichloroethane	0.5	ND(0.10)	ND(0.10)
2-Butanone	200	ND(0.20)	ND(0.20)
Benzene	0.5	ND(0.10)	ND(0.10)
Carbon Tetrachloride	0.5	ND(0.10)	ND(0.10)
Chlorobenzene	100	ND(0.10)	ND(0.10)
Chloroform	6	ND(0.10)	ND(0.10)
Tetrachloroethene	0.7	ND(0.10)	ND(0.10)
Trichloroethene	0.5	ND(0.10)	ND(0.10)
Vinyl Chloride	0.2	ND(0.10)	ND(0.10)
Semivolatile Organics			
1,4-Dichlorobenzene	7.5	ND(0.050)	ND(0.050)
2,4,5-Trichlorophenol	400	ND(0.050)	ND(0.050)
2,4,6-Trichlorophenol	2	ND(0.050)	ND(0.050)
2,4-Dinitrotoluene	0.13	ND(0.050)	ND(0.050)
Cresol	200	ND(0.050)	ND(0.050)
Hexachlorobenzene	0.13	ND(0.050)	ND(0.050)
Hexachlorobutadiene	0.5	ND(0.050)	ND(0.050)
Hexachloroethane	3	ND(0.050)	ND(0.050)
Nitrobenzene	2	ND(0.050)	ND(0.050)
Pentachlorophenol	100	ND(0.050)	ND(0.050)
Pyridine	5	ND(0.050)	ND(0.050)
Inorganics			
Arsenic	5	ND(0.100)	ND(0.100)
Barium	100	0.260	0.630
Cadmium	1	0.0760	0.0800
Chromium	5	0.00290 B	0.00330 B
Lead	5	0.380	0.0630 B
Mercury	0.2	ND(0.00200)	ND(0.00200)
Selenium	1	0.00590 B	ND(0.200)
Silver	5	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 7-7 for a summary of PCBs.
3. ND - Analyte was not detected. The number in parentheses 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)
APRIL 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)

Initiate preparation of Final RD/RA Work Plan.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

Received EPA conditional approval of GE's Conceptual RD/RA Work Plan (April 6, 2005).

ITEM 9
LYMAN STREET AREA
(GECD430)
APRIL 2005

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

a. Activities Undertaken/Completed

Continued preparation of Addendum to Conceptual Work Plan, which will include results of additional soil sampling at Sub-Area 201A.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Submit Addendum to Conceptual RD/RA Work Plan to EPA on or before May 10, 2005.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 10
NEWELL STREET AREA I
(GECD440)
APRIL 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)

Record ERE for Parcel J9-23-24 upon receipt of EPA approval and MDEP acceptance of ERE.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

GE plans to conduct the remediation of Parcel J9-23-13 and Parcels J9-23-19, -20, and -21 during the 2005 construction season.

f. Proposed/Approved Work Plan Modifications

None

ITEM 11
NEWELL STREET AREA II
(GECD450)
APRIL 2005

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

a. Activities Undertaken/Completed

Received comments from Natural Resource Trustees on GE's March 2005 Final RD/RA Work Plan (April 25, 2005).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted response to Trustees' comments on GE's March 2005 Final RD/RA Work Plan (April 29, 2005).

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

- Select Remediation Contractor.
- If necessary, submit Addendum to Final RD/RA Work Plan.
- 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

None.

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

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Submit response to comments from Natural Resource Trustees (dated March 21, 2005) on GE's 2004 Annual Monitoring Report.
- Conduct 2005 restored bank erosion and spring 2005 restored bank vegetation inspections tentatively scheduled for May 23 and 24, 2005, respectively.
- 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

TABLE 13-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2005

HOUSATONIC RIVER - UPPER 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/Upper 1/2 Mile Reach High Flow Sampling	Location-2	3/29/05	Water	NEA	PCB, PCB(f), TSS, POC, Chlorophyll-A	4/14/05
Monthly Water Column Sampling/Upper 1/2 Mile Reach High Flow Sampling	Location-4	3/29/05	Water	NEA	PCB, PCB(f), TSS, POC, Chlorophyll-A	4/14/05

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

TABLE 13-2
SAMPLE DATA RECEIVED DURING APRIL 2005

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

Sample ID	Location	Date Collected	Aroclor-1016, -1221, -1232, -1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION 2	Newell Street Bridge	3/29/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	2.31	25.3	0.0022
LOCATION 2 (FILTERED)		3/29/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	NA	NA	NA
LOCATION 4	Lyman Street Bridge	3/29/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	2.88	26.8	0.0022
LOCATION 4 (FILTERED)		3/29/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	NA	NA	NA

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to Northeast Analytical, Inc. for analysis of PCBs (filtered and unfiltered), total suspended solids (TSS), particulate organic carbon (POC), and chlorophyll (a).
2. Sampling methods involved the collection of composite grab samples at each location, representative of three stations (25, 50, and 75 percent of the total river width at each location) at 50 percent of the total river depth at each station.
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. POC and chlorophyll (a) in addition to Housatonic River - 1/2 Mile Reach high flow sampling parameters have been analyzed as part of the Housatonic River Monthly Water Column Monitoring Program.

ITEM 14
HOUSATONIC RIVER AREA
1½-MILE REACH
(GECD820)
APRIL 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 April 28, 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 Pomeroy Avenue Bridge (Location 6A). A composite grab sample was collected at each location and submitted to Northeast Analytical for analysis of PCBs (total), TSS, POC, and chlorophyll-a (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 APRIL 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	
Monthly Water Column Sampling	Location-6A	3/29/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	4/14/05
Monthly Water Column Sampling	Location-6A	4/28/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling/Upper 1/2 Mile Reach High Flow Sampling	Location-4	3/29/05	Water	NEA	PCB, PCB(f), TSS, POC, Chlorophyll-A	4/14/05

TABLE 14-2
SAMPLE DATA RECEIVED DURING APRIL 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	3/29/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	2.88	26.8	0.0022
LOCATION-4 (FILTERED) [5]		3/29/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	NA	NA	NA
LOCATION-6A	Pomeroy Ave. Bridge	3/29/2005	ND(0.0000220)	ND(0.0000220)	0.0000620 AF	0.000100 AG	0.000162	2.54	25.0	0.0032

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to Northeast Analytical, Inc. for analysis of PCBs (filtered and unfiltered), total suspended solids (TSS), particulate organic carbon (POC), and chlorophyll (a).
2. Sampling methods involved the collection of composite grab samples at each location, representative of three stations (25, 50, and 75 percent of the total river width at each location) at 50 percent of the total river depth at each station.
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Filtered PCBs in addition to Monthly Water Column monitoring parameters have been analyzed as part of the Housatonic River 1/2 Mile Reach high flow event at Location 4.

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.

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

a. Activities Undertaken/Completed

- On April 28, 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 March 29, 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).

- On April 27 and 29, 2005, BBL (on GE's behalf) collected 22 soil samples from 11 locations on two parcels located in Lee, MA that are 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 Parcels 35-17 (four samples) and 35-5A (18 samples) 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).

- Attended document overview meeting for Peer Review Panel on EPA's Model Calibration Report (April 13, 2005).*

b. Sampling/Test Results

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted comments on revised draft of EPA's Human Health Risk Assessment (HHRA) for Rest of River (April 4, 2005).*

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

- Continue Housatonic River monthly water column monitoring.

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

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

- Continue the additional Reach 7 floodplain soil sampling, subject to obtaining the necessary access permission.

- 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.*

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Ongoing issues relating to EPA's risk assessments and model development.*

f. Proposed/Approved Work Plan Modifications

None

TABLE 15-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 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
Housatonic Rest of River Additional Reach 7 Floodplain Soil Sampling	FP02-004-001	4/27/05	0-1	Soil	SGS	PCB	
Housatonic Rest of River Additional Reach 7 Floodplain Soil Sampling	FP02-004-001	4/27/05	1-2	Soil	SGS	PCB	
Housatonic Rest of River Additional Reach 7 Floodplain Soil Sampling	FP02-005-001	4/27/05	0-1	Soil	SGS	PCB	
Housatonic Rest of River Additional Reach 7 Floodplain Soil Sampling	FP02-005-001	4/27/05	1-2	Soil	SGS	PCB	
Housatonic Rest of River Additional Reach 7 Floodplain Soil Sampling	FP03-001-001	4/29/05	0-1	Soil	SGS	PCB	
Housatonic Rest of River Additional Reach 7 Floodplain Soil Sampling	FP03-001-001	4/29/05	1-2	Soil	SGS	PCB	
Housatonic Rest of River Additional Reach 7 Floodplain Soil Sampling	FP03-001-002	4/29/05	0-1	Soil	SGS	PCB	
Housatonic Rest of River Additional Reach 7 Floodplain Soil Sampling	FP03-001-002	4/29/05	1-2	Soil	SGS	PCB	
Housatonic Rest of River Additional Reach 7 Floodplain Soil Sampling	FP03-001-003	4/29/05	0-1	Soil	SGS	PCB	
Housatonic Rest of River Additional Reach 7 Floodplain Soil Sampling	FP03-001-003	4/29/05	1-2	Soil	SGS	PCB	
Housatonic Rest of River Additional Reach 7 Floodplain Soil Sampling	FP03-002-001	4/29/05	0-1	Soil	SGS	PCB	
Housatonic Rest of River Additional Reach 7 Floodplain Soil Sampling	FP03-002-001	4/29/05	1-2	Soil	SGS	PCB	
Housatonic Rest of River Additional Reach 7 Floodplain Soil Sampling	FP03-002-002	4/29/05	0-1	Soil	SGS	PCB	
Housatonic Rest of River Additional Reach 7 Floodplain Soil Sampling	FP03-002-002	4/29/05	1-2	Soil	SGS	PCB	
Housatonic Rest of River Additional Reach 7 Floodplain Soil Sampling	FP03-002-003	4/29/05	0-1	Soil	SGS	PCB	
Housatonic Rest of River Additional Reach 7 Floodplain Soil Sampling	FP03-002-003	4/29/05	1-2	Soil	SGS	PCB	
Housatonic Rest of River Additional Reach 7 Floodplain Soil Sampling	FP03-003-001	4/29/05	0-1	Soil	SGS	PCB	
Housatonic Rest of River Additional Reach 7 Floodplain Soil Sampling	FP03-003-001	4/29/05	1-2	Soil	SGS	PCB	
Housatonic Rest of River Additional Reach 7 Floodplain Soil Sampling	FP03-003-002	4/29/05	0-1	Soil	SGS	PCB	
Housatonic Rest of River Additional Reach 7 Floodplain Soil Sampling	FP03-003-002	4/29/05	1-2	Soil	SGS	PCB	
Housatonic Rest of River Additional Reach 7 Floodplain Soil Sampling	FP03-003-003	4/29/05	0-1	Soil	SGS	PCB	
Housatonic Rest of River Additional Reach 7 Floodplain Soil Sampling	FP03-003-003	4/29/05	1-2	Soil	SGS	PCB	
Housatonic Rest of River Additional Reach 7 Floodplain Soil Sampling	DUP-FPPROR-1 (FP02-004-001)	4/27/05	0-1	Soil	SGS	PCB	
Housatonic Rest of River Additional Reach 7 Floodplain Soil Sampling	FP03-DUP-1 (FP03-001-003)	4/29/05	0-1	Soil	SGS	PCB	
Monthly Water Column Sampling	HR-D1 (Location-12)	4/28/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	HR-D1 (Location-12)	3/29/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyll-A	4/14/05
Monthly Water Column Sampling	Location-1	3/29/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyll-A	4/14/05
Monthly Water Column Sampling	Location-1	4/28/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-10	3/29/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyll-A	4/14/05
Monthly Water Column Sampling	Location-10	4/28/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-12	3/29/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyll-A	4/14/05
Monthly Water Column Sampling	Location-12	4/28/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-13	3/29/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyll-A	4/14/05
Monthly Water Column Sampling	Location-13	4/28/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-2	4/28/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-7	4/28/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-7	3/29/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyll-A	4/14/05
Monthly Water Column Sampling	Location-9	4/28/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-9	3/29/05	NA	Water	NEA	PCB, TSS, POC, Chlorophyll-A	4/14/05
Monthly Water Column Sampling/Upper 1/2 Mile Reach High Flow Sampling	Location-2	3/29/05	NA	Water	NEA	PCB, PCB(f), TSS, POC, Chlorophyll-A	4/14/05

Notes:

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

TABLE 15-2
SAMPLE DATA RECEIVED DURING APRIL 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 Ave. Bridge	3/29/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	1.54	21.6	0.0019
LOCATION-2	Newell Street Bridge	3/29/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	2.31	25.3	0.0022
LOCATION-2 (FILTERED)[6]		3/29/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	NA	NA	NA
LOCATION-7	Holmes Rd. Bridge	3/29/2005	ND(0.0000220)	ND(0.0000220)	0.0000230 AF	0.0000710 AG	0.0000940	2.18	27.7	0.0028
LOCATION-9	New Lenox Rd. Bridge	3/29/2005	ND(0.0000220)	0.0000360 PE	ND(0.0000220)	0.000230 AG	0.000266	2.54	20.9	0.0029
LOCATION-10	Headwaters of Woods Pond	3/29/2005	ND(0.0000220)	0.0000240 PE	ND(0.0000220)	0.000140 AG	0.000164	2.44	32.8	0.0045
LOCATION-12	Schweitzer Bridge	3/29/2005	ND(0.0000220)	0.0000270 PE	ND(0.0000220)	0.000140 AG	0.000167	2.22	20.3	0.0030
		3/29/2005	[ND(0.0000220)]	[0.0000300 PE]	[ND(0.0000220)]	[0.000130 AG]	[0.000160]	[1.79]	[26.6]	[0.0034]
LOCATION-13	Division St. Bridge	3/29/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	1.87	17.6	0.0058

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to Northeast Analytical, Inc. for analysis of PCBs (filtered and unfiltered), total suspended solids (TSS), and particulate organic carbon (POC).
2. Sampling methods involved the collection of composite grab samples at each location, representative of three stations (25, 50, and 75 percent of the total river width at each location) at 50 percent of the total river depth at each station.
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Field duplicate sample results are presented in brackets.
6. Filtered PCBs in addition to Monthly Water Column monitoring parameters have been analyzed as part of the Housatonic River 1/2 Mile Reach high flow event at Location 2.

Data Qualifiers:

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

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

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

a. Activities Undertaken/Completed

Sent requests for property access to conduct soil remediation activities to various property owners within the Phase 3, Group 3A and 3B Floodplain Properties (April 21, 2005).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

- Submitted Pre-Design Investigation Report for Phase 4 Floodplain Properties (April 12, 2005).
- Submitted RD/RA Work Plan for the Group 3A and 3B Floodplain Properties (April 14, 2005).

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

- Select Remediation Contractor for remediation of the Group 3A and 3B Floodplain Properties.
- Submit Supplemental Information Package with more details on remediation plans for the Group 3A and 3B Floodplain Properties.
- Prepare and submit RD/RA Work Plan for Phase 3, Groups 3C and 3D Floodplain Properties (due on or before June 10, 2005).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

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

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

a. Activities Undertaken/Completed

- Continued performance of Stage 1 of the Bench-Scale Study and collected additional candidate cap material samples (to be used in the Bench-Scale Study) for analysis of TOC.
- Conducted sampling of decon water that originated from this area and was stored in a drum at Building 78 (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 Supplemental Pre-Design Investigation Report for Sediments (April 11, 2005).

d. Upcoming Scheduled Activities (next six weeks)

- Continue water-level monitoring at well pairs surrounding the lake.
- Continue performance of Bench-Scale Study for sediments in accordance with Bench-Scale Study Work Plan as conditionally approved by EPA on February 25, 2005.
- Submit Second Interim Pre-Design Investigation Report for Soils (due on or before May 18, 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

None

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

SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Building 78 Decon Water Sampling	78-F0459-WATER-1	4/8/05	NA	Water	SGS	PCB	4/15/05
Silver Lake Bench Scale Study	SL-BS-W1	3/22/05	NA	Water	SGS	VPH, EPH	4/19/05
Supplemental PDI Soil Sampling	I9-10-8-SB-12	3/8/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/5/05
Supplemental PDI Soil Sampling	I9-10-8-SB-12	3/8/05	3-5	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/5/05
Supplemental PDI Soil Sampling	I9-10-8-SB-12	3/8/05	7-9	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/5/05
Supplemental PDI Soil Sampling	I9-10-8-SB-16	3/9/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/5/05
Supplemental PDI Soil Sampling	I9-10-8-SB-16	3/9/05	1-3	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/5/05
Supplemental PDI Soil Sampling	I9-10-8-SB-16	3/9/05	9-11	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/5/05
Supplemental PDI Soil Sampling	I9-10-8-SB-9	3/8/05	1-3	Soil	SGS	SVOC	4/5/05
Supplemental PDI Soil Sampling	I9-9-1-SB-6	3/8/05	5-7	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/5/05
Supplemental PDI Soil Sampling	I9-9-1-SB-6	3/8/05	7-9	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/5/05
Supplemental PDI Soil Sampling	I9-9-11-SB-7	3/9/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	4/5/05
Supplemental PDI Soil Sampling	I9-9-11-SB-7	3/9/05	4-6	Soil	SGS	VOC	4/5/05
Supplemental PDI Soil Sampling	I9-9-11-SB-7	3/9/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/5/05
Supplemental PDI Soil Sampling	I9-9-11-SB-9	3/9/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/5/05
Supplemental PDI Soil Sampling	I9-9-11-SB-9	3/9/05	1-3	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/5/05
Supplemental PDI Soil Sampling	I9-9-21-SB-10	3/10/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	4/11/05
Supplemental PDI Soil Sampling	I9-9-21-SB-10	3/10/05	6-10	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	4/11/05
Supplemental PDI Soil Sampling	I9-9-21-SB-10	3/10/05	4-6	Soil	SGS	VOC	4/11/05
Supplemental PDI Soil Sampling	I9-9-21-SB-10	3/10/05	8-10	Soil	SGS	VOC	4/11/05
Supplemental PDI Soil Sampling	I9-9-21-SB-10	3/10/05	1-3	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/11/05
Supplemental PDI Soil Sampling	I9-9-21-SB-11	3/10/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/11/05
Supplemental PDI Soil Sampling	I9-9-21-SB-6	3/10/05	10-15	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	4/11/05
Supplemental PDI Soil Sampling	I9-9-21-SB-6	3/10/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	4/11/05
Supplemental PDI Soil Sampling	I9-9-21-SB-6	3/10/05	10-12	Soil	SGS	VOC	4/11/05
Supplemental PDI Soil Sampling	I9-9-21-SB-6	3/10/05	4-6	Soil	SGS	VOC	4/11/05
Supplemental PDI Soil Sampling	I9-9-21-SB-6	3/10/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/11/05
Supplemental PDI Soil Sampling	I9-9-21-SB-7	3/10/05	10-15	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	4/11/05
Supplemental PDI Soil Sampling	I9-9-21-SB-7	3/10/05	6-10	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	4/11/05
Supplemental PDI Soil Sampling	I9-9-21-SB-7	3/10/05	12-14	Soil	SGS	VOC	4/11/05
Supplemental PDI Soil Sampling	I9-9-21-SB-7	3/10/05	8-10	Soil	SGS	VOC	4/11/05
Supplemental PDI Soil Sampling	I9-9-21-SB-7	3/10/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/11/05
Supplemental PDI Soil Sampling	I9-9-21-SB-7	3/10/05	1-3	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/11/05
Supplemental PDI Soil Sampling	I9-9-22-SB-6	3/10/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/11/05
Supplemental PDI Soil Sampling	I9-9-22-SB-6	3/10/05	1-3	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/11/05
Supplemental PDI Soil Sampling	I9-9-25-SB-8	3/11/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/11/05
Supplemental PDI Soil Sampling	I9-9-25-SB-8	3/11/05	1-3	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/11/05
Supplemental PDI Soil Sampling	I9-9-25-SB-9	3/11/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	4/11/05
Supplemental PDI Soil Sampling	I9-9-25-SB-9	3/11/05	4-6	Soil	SGS	VOC	4/11/05
Supplemental PDI Soil Sampling	I9-9-25-SB-9	3/11/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/11/05
Supplemental PDI Soil Sampling	I9-9-30-SB-12	3/11/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	4/11/05

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

SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Supplemental PDI Soil Sampling	I9-9-30-SB-12	3/11/05	4-6	Soil	SGS	VOC	4/11/05
Supplemental PDI Soil Sampling	I9-9-30-SB-12	3/11/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/11/05
Supplemental PDI Soil Sampling	I9-9-30-SB-8	3/11/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/11/05
Supplemental PDI Soil Sampling	I9-9-30-SB-8	3/11/05	1-3	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/11/05
Supplemental PDI Soil Sampling	I9-9-9-SB-1	3/8/05	3-5	Soil	SGS	VOC, Inorganics, PCDD/PCDF	4/5/05
Supplemental PDI Soil Sampling	I9-9-9-SB-1	3/8/05	7-9	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/5/05
Supplemental PDI Soil Sampling	I9-9-9-SB-2	3/8/05	5-7	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	4/5/05
Supplemental PDI Soil Sampling	I9-9-9-SB-2	3/8/05	7-9	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	4/5/05
Supplemental PDI Soil Sampling	I9-9-9-SB-2	3/11/05	5-7	Soil	SGS	VOC	4/11/05
Supplemental PDI Soil Sampling	I9-9-9-SB-2	3/11/05	7-9	Soil	SGS	VOC	4/11/05
Supplemental PDI Soil Sampling	I9-9-9-SB-2	3/11/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/11/05
Supplemental PDI Soil Sampling	I9-9-9-SB-9	3/8/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/5/05
Supplemental PDI Soil Sampling	I9-9-9-SB-9	3/8/05	1-3	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	4/5/05
Supplemental PDI Soil Sampling	SL-DUP-30 (I9-9-11-SB-7)	3/9/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	4/5/05
Supplemental PDI Soil Sampling	SL-DUP-31 (I9-9-11-SB-7)	3/9/05	4-6	Soil	SGS	VOC	4/5/05
Supplemental PDI Soil Sampling	SL-DUP-32 (I9-9-21-SB-6)	3/10/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	4/11/05
Supplemental PDI Soil Sampling	SL-DUP-33 (I9-9-21-SB-6)	3/10/05	4-6	Soil	SGS	VOC	4/11/05
Supplemental PDI Soil Sampling	SL-DUP-34 (I9-9-25-SB-9)	3/11/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	4/11/05
Supplemental PDI Soil Sampling	SL-DUP-35 (I9-9-25-SB-9)	3/11/05	4-6	Soil	SGS	VOC	4/11/05

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

TABLE 20-2
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	I9-9-1-SB-6 5-7 03/08/05	I9-9-1-SB-6 7-9 03/08/05	I9-9-9-SB-1 3-5 03/08/05	I9-9-9-SB-1 7-9 03/08/05
Volatile Organics					
1,2,3-Trichloropropane		ND(0.0062)	ND(0.010)	ND(0.0053)	ND(0.0077)
2-Butanone		ND(0.012)	0.029	ND(0.011)	ND(0.015)
Acetone		0.0071 J	0.16	ND(0.021)	ND(0.031)
Benzene		ND(0.0062)	ND(0.010)	ND(0.0053)	ND(0.0077)
Carbon Disulfide		ND(0.0062)	ND(0.010)	ND(0.0053)	ND(0.0077)
Chlorobenzene		ND(0.0062)	ND(0.010)	ND(0.0053)	ND(0.0077)
Chloroform		ND(0.0062)	ND(0.010)	ND(0.0053)	ND(0.0077)
Chloromethane		ND(0.0062)	ND(0.010)	ND(0.0053)	ND(0.0077)
Dichlorodifluoromethane		ND(0.0062)	ND(0.010)	ND(0.0053)	ND(0.0077)
Ethylbenzene		ND(0.0062)	ND(0.010)	ND(0.0053)	ND(0.0077)
Isobutanol		0.23	ND(0.20)	ND(0.11)	ND(0.15)
Methylene Chloride		ND(0.0062)	ND(0.010)	ND(0.0053)	ND(0.0077)
Styrene		ND(0.0062)	ND(0.010)	ND(0.0053)	ND(0.0077)
Toluene		0.0031 J	ND(0.010)	ND(0.0053)	ND(0.0077)
Trichlorofluoromethane		ND(0.0062)	ND(0.010)	ND(0.0053)	ND(0.0077)
Xylenes (total)		ND(0.0062)	ND(0.010)	ND(0.0053)	ND(0.0077)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		ND(0.41)	ND(0.67)	NA	ND(5.1)
1,2,4-Trichlorobenzene		ND(0.41)	ND(0.67)	NA	ND(5.1)
1,3-Dichlorobenzene		ND(0.41)	ND(0.67)	NA	ND(5.1)
1,4-Dichlorobenzene		ND(0.41)	ND(0.67)	NA	ND(5.1)
2-Methylnaphthalene		ND(0.41)	ND(0.67)	NA	ND(5.1)
3&4-Methylphenol		ND(0.83)	ND(1.3)	NA	ND(5.1)
Acenaphthene		ND(0.41)	ND(0.67)	NA	ND(5.1)
Acenaphthylene		0.10 J	0.067 J	NA	ND(5.1)
Anthracene		0.072 J	0.064 J	NA	ND(5.1)
Benzo(a)anthracene		0.31 J	0.24 J	NA	0.79 J
Benzo(a)pyrene		0.40 J	0.26 J	NA	0.64 J
Benzo(b)fluoranthene		0.33 J	0.24 J	NA	0.59 J
Benzo(g,h,i)perylene		0.28 J	0.15 J	NA	ND(5.1)
Benzo(k)fluoranthene		0.39 J	0.27 J	NA	0.68 J
bis(2-Ethylhexyl)phthalate		ND(0.41)	ND(0.66)	NA	ND(2.6)
Butylbenzylphthalate		ND(0.41)	ND(0.67)	NA	ND(5.1)
Chrysene		0.38 J	0.28 J	NA	0.88 J
Dibenzo(a,h)anthracene		0.046 J	ND(0.67)	NA	ND(5.1)
Dibenzofuran		ND(0.41)	ND(0.67)	NA	ND(5.1)
Di-n-Butylphthalate		ND(0.41)	ND(0.67)	NA	ND(5.1)
Fluoranthene		0.56	0.52 J	NA	1.4 J
Fluorene		ND(0.41)	ND(0.67)	NA	ND(5.1)
Indeno(1,2,3-cd)pyrene		0.18 J	0.10 J	NA	ND(5.1)
Naphthalene		0.049 J	ND(0.67)	NA	ND(5.1)
N-Nitrosodiphenylamine		ND(0.41)	ND(0.67)	NA	ND(5.1)
Phenanthrene		0.29 J	0.30 J	NA	0.73 J
Phenol		ND(0.41)	ND(0.67)	NA	ND(5.1)
Pyrene		0.66	0.54 J	NA	1.6 J

TABLE 20-2
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	I9-9-1-SB-6 5-7 03/08/05	I9-9-1-SB-6 7-9 03/08/05	I9-9-9-SB-1 3-5 03/08/05	I9-9-9-SB-1 7-9 03/08/05
Furans					
2,3,7,8-TCDF		0.000035 Y	0.0000032 Y	0.0000021 YI	0.000017 Y
TCDFs (total)		0.00029	0.000066	0.000015	0.00016
1,2,3,7,8-PeCDF		0.000013	ND(0.0000025)	ND(0.00000092)	0.0000065 J
2,3,4,7,8-PeCDF		0.000016	ND(0.0000039)	ND(0.0000015)	0.0000080
PeCDFs (total)		0.00018	0.000015	0.000011	0.000084
1,2,3,4,7,8-HxCDF		0.000017	ND(0.0000033)	ND(0.0000016)	0.0000080
1,2,3,6,7,8-HxCDF		0.000012	ND(0.0000031)	ND(0.00000091)	0.0000052 J
1,2,3,7,8,9-HxCDF		ND(0.00000031)	ND(0.00000020)	ND(0.00000024)	ND(0.00000095)
2,3,4,6,7,8-HxCDF		0.000011	ND(0.0000028)	ND(0.00000076)	0.0000044 J
HxCDFs (total)		0.00013	0.0000066	0.000010	0.000063
1,2,3,4,6,7,8-HpCDF		0.000044	0.0000082 J	0.0000066	0.000018
1,2,3,4,7,8,9-HpCDF		0.0000035 J	ND(0.00000077)	ND(0.00000038)	ND(0.0000018)
HpCDFs (total)		0.000075	0.0000082	0.000017	0.000024
OCDF		0.000030	ND(0.0000033)	0.000015	0.000014 J
Dioxins					
2,3,7,8-TCDD		0.00000067 J	ND(0.00000026)	ND(0.00000028)	ND(0.00000038)
TCDDs (total)		0.000013	0.0000055	ND(0.00000028)	0.0000044
1,2,3,7,8-PeCDD		ND(0.0000014)	ND(0.00000089)	ND(0.00000034)	ND(0.00000072)
PeCDDs (total)		ND(0.0000049)	ND(0.0000028)	ND(0.00000043)	ND(0.0000031)
1,2,3,4,7,8-HxCDD		ND(0.0000010)	ND(0.00000058)	ND(0.00000016)	ND(0.00000042)
1,2,3,6,7,8-HxCDD		ND(0.0000028)	ND(0.00000077)	ND(0.00000060)	ND(0.0000012)
1,2,3,7,8,9-HxCDD		ND(0.0000030)	ND(0.0000015)	ND(0.00000031)	ND(0.0000014)
HxCDDs (total)		0.000021	0.0000063	ND(0.0000014)	0.0000092
1,2,3,4,6,7,8-HpCDD		0.000025	ND(0.0000033)	0.000014	0.0000074
HpCDDs (total)		0.000048	ND(0.0000033)	0.000024	0.000015
OCDD		0.00018	ND(0.0000088)	0.00011	0.000032
Total TEQs (WHO TEFs)		0.000019	0.0000026	0.0000014	0.0000088
Inorganics					
Antimony		2.80 B	5.50 B	ND(6.00)	2.00 B
Arsenic		16.0	59.0	7.10	8.30
Barium		190	960	26.0	1100
Beryllium		0.550	0.320 B	0.210 B	0.340 B
Cadmium		1.30	3.50	0.440 B	2.70
Chromium		19.0	120	12.0	17.0
Cobalt		7.90	16.0	12.0	9.30
Copper		100	210	30.0	130
Cyanide		0.760	1.80	0.120 B	0.750
Lead		640	8000	82.0	730
Mercury		0.380	5.30	0.0300 B	1.30
Nickel		20.0	37.0	22.0	25.0
Selenium		2.30	17.0	1.60	3.20
Silver		0.410 B	1.10 B	0.160 B	0.310 B
Sulfide		18.0	6000	710	25.0
Thallium		ND(1.20)	8.00	ND(1.10)	ND(1.50)
Tin		34.0	5100	3.80 B	97.0
Vanadium		23.0	31.0	11.0	12.0
Zinc		520	3400	150	2900

TABLE 20-2
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	I9-9-9-SB-2 0-1 03/11/05	I9-9-9-SB-2 5-7 3/8-3/11/2005	I9-9-9-SB-2 7-9 3/8-3/11/2005	I9-9-9-SB-9 0-1 03/08/05	I9-9-9-SB-9 1-3 03/08/05
Volatile Organics					
1,2,3-Trichloropropane	ND(0.0073)	ND(0.0059)	ND(0.0069)	ND(0.0062)	ND(0.0056)
2-Butanone	ND(0.014)	ND(0.012)	ND(0.014)	ND(0.012)	ND(0.011)
Acetone	ND(0.029)	ND(0.024)	ND(0.028)	ND(0.025)	ND(0.022)
Benzene	ND(0.0073)	ND(0.0059)	ND(0.0069)	ND(0.0062)	ND(0.0056)
Carbon Disulfide	ND(0.0073)	ND(0.0059)	ND(0.0069)	ND(0.0062)	ND(0.0056)
Chlorobenzene	ND(0.0073)	ND(0.0059)	ND(0.0069)	ND(0.0062)	ND(0.0056)
Chloroform	ND(0.0073)	ND(0.0059)	ND(0.0069)	ND(0.0062)	ND(0.0056)
Chloromethane	ND(0.0073)	ND(0.0059)	ND(0.0069)	ND(0.0062)	ND(0.0056)
Dichlorodifluoromethane	ND(0.0073)	ND(0.0059)	ND(0.0069)	ND(0.0062)	ND(0.0056)
Ethylbenzene	ND(0.0073)	ND(0.0059)	ND(0.0069)	ND(0.0062)	ND(0.0056)
Isobutanol	ND(0.14)	ND(0.12)	ND(0.14)	ND(0.12)	ND(0.11)
Methylene Chloride	ND(0.0073)	0.0050 J	ND(0.0069)	ND(0.0062)	ND(0.0056)
Styrene	ND(0.0073)	ND(0.0059)	ND(0.0069)	ND(0.0062)	ND(0.0056)
Toluene	ND(0.0073)	ND(0.0059)	ND(0.0069)	ND(0.0062)	ND(0.0056)
Trichlorofluoromethane	ND(0.0073)	0.0062	ND(0.0069)	ND(0.0062)	ND(0.0056)
Xylenes (total)	ND(0.0073)	ND(0.0059)	ND(0.0069)	ND(0.0062)	ND(0.0056)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.48)	ND(3.9)	ND(4.6)	ND(0.41)	ND(0.37)
1,2,4-Trichlorobenzene	ND(0.48)	ND(3.9)	ND(4.6)	ND(0.41)	ND(0.37)
1,3-Dichlorobenzene	ND(0.48)	ND(3.9)	ND(4.6)	ND(0.41)	ND(0.37)
1,4-Dichlorobenzene	ND(0.48)	ND(3.9)	ND(4.6)	ND(0.41)	ND(0.37)
2-Methylnaphthalene	0.053 J	ND(3.9)	ND(4.6)	ND(0.41)	ND(0.37)
3&4-Methylphenol	ND(0.97)	ND(3.9)	ND(4.6)	0.062 J	ND(0.75)
Acenaphthene	ND(0.48)	ND(3.9)	1.7 J	ND(0.41)	ND(0.37)
Acenaphthylene	0.096 J	0.86 J	1.3 J	ND(0.41)	0.10 J
Anthracene	0.20 J	0.96 J	9.4	0.057 J	0.053 J
Benzo(a)anthracene	0.52	1.8 J	21	0.20 J	0.25 J
Benzo(a)pyrene	0.54	1.2 J	16	0.17 J	0.26 J
Benzo(b)fluoranthene	0.41 J	1.0 J	12	0.16 J	0.24 J
Benzo(g,h,i)perylene	0.28 J	0.54 J	7.4	0.086 J	0.16 J
Benzo(k)fluoranthene	0.59	1.3 J	14	0.18 J	0.25 J
bis(2-Ethylhexyl)phthalate	0.54	ND(2.0)	ND(2.3)	ND(0.41)	0.33 J
Butylbenzylphthalate	ND(0.48)	ND(3.9)	ND(4.6)	ND(0.41)	ND(0.37)
Chrysene	0.60	1.6 J	20	0.22 J	0.28 J
Dibenzo(a,h)anthracene	0.061 J	ND(3.9)	1.2 J	ND(0.41)	0.045 J
Dibenzofuran	0.064 J	ND(3.9)	1.7 J	ND(0.41)	ND(0.37)
Di-n-Butylphthalate	ND(0.48)	ND(3.9)	ND(4.6)	ND(0.41)	ND(0.37)
Fluoranthene	1.2	3.8 J	56	0.39 J	0.41
Fluorene	0.084 J	ND(3.9)	3.5 J	ND(0.41)	ND(0.37)
Indeno(1,2,3-cd)pyrene	0.22 J	0.45 J	6.6	0.077 J	0.13 J
Naphthalene	0.079 J	ND(3.9)	ND(4.6)	0.051 J	ND(0.37)
N-Nitrosodiphenylamine	ND(0.48)	ND(3.9)	ND(4.6)	ND(0.41)	ND(0.37)
Phenanthrene	0.97	4.0	40	0.22 J	0.20 J
Phenol	ND(0.48)	ND(3.9)	ND(4.6)	ND(0.41)	ND(0.37)
Pyrene	1.2	3.3 J	47	0.40 J	0.46

TABLE 20-2
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	I9-9-9-SB-2 0-1 03/11/05	I9-9-9-SB-2 5-7 3/8-3/11/2005	I9-9-9-SB-2 7-9 3/8-3/11/2005	I9-9-9-SB-9 0-1 03/08/05	I9-9-9-SB-9 1-3 03/08/05
Furans					
2,3,7,8-TCDF	0.0000057 Y	0.000014 YI	0.000039 YI	0.0000077 YI	0.000015 YI
TCDFs (total)	0.000062	0.00013	0.00044	0.000089	0.00016
1,2,3,7,8-PeCDF	0.0000034 J	0.0000062	0.000016	ND(0.0000037)	0.0000053 J
2,3,4,7,8-PeCDF	0.0000067	0.0000078	0.000023	0.0000084	0.0000077
PeCDFs (total)	0.00014	0.00010	0.00078	0.00029	0.00021
1,2,3,4,7,8-HxCDF	0.0000052 J	0.0000097	0.000032	0.0000072 J	0.0000088
1,2,3,6,7,8-HxCDF	0.0000066	0.0000057 I	0.000029 I	0.000010 I	0.0000096 I
1,2,3,7,8,9-HxCDF	ND(0.00000034)	ND(0.00000018)	ND(0.0000015)	ND(0.00000021)	ND(0.00000093)
2,3,4,6,7,8-HxCDF	0.0000069	0.0000033 J	0.000022	0.000011	0.0000078
HxCDFs (total)	0.00014	0.000069	0.00063	0.00025	0.00017
1,2,3,4,6,7,8-HpCDF	0.000022	0.000026	0.000062	0.000027	0.000043
1,2,3,4,7,8,9-HpCDF	ND(0.0000021)	ND(0.0000017)	0.0000099	ND(0.0000022)	0.0000030 J
HpCDFs (total)	0.000044	0.000046	0.00015	0.000055	0.000099
OCDF	0.000021	0.000047	0.000073	0.000030	0.000062
Dioxins					
2,3,7,8-TCDD	ND(0.00000023)	ND(0.00000029)	0.00000093 J	ND(0.00000035)	ND(0.00000023)
TCDDs (total)	0.00000081	0.0000030	0.000012	0.0000017	0.0000027
1,2,3,7,8-PeCDD	ND(0.0000010)	ND(0.00000046)	ND(0.0000025)	ND(0.0000011)	ND(0.00000064)
PeCDDs (total)	ND(0.0000010)	ND(0.0000022)	0.0000038	ND(0.0000035)	ND(0.0000037)
1,2,3,4,7,8-HxCDD	ND(0.00000085)	ND(0.00000056)	0.0000038 J	ND(0.0000010)	ND(0.00000077)
1,2,3,6,7,8-HxCDD	0.0000034 J	ND(0.0000011)	0.000012	ND(0.0000026)	0.0000031 J
1,2,3,7,8,9-HxCDD	ND(0.0000030)	ND(0.0000013)	0.0000075	ND(0.0000029)	ND(0.0000020)
HxCDDs (total)	0.000022	0.0000081	0.000076	0.000019	0.000027
1,2,3,4,6,7,8-HpCDD	0.000042	0.000023	0.00021	0.000046	0.000055
HpCDDs (total)	0.000084	0.000051	0.00042	0.000094	0.00011
OCDD	0.00027	0.00020	0.0015	0.00035	0.00042
Total TEQs (WHO TEFs)	0.0000078	0.0000085	0.000032	0.0000097	0.000010
Inorganics					
Antimony	ND(6.00)	ND(6.00)	1.20 B	0.940 B	ND(6.00)
Arsenic	6.80	5.90	7.50	5.90	6.40
Barium	42.0	120	240	43.0	40.0
Beryllium	0.340 B	0.280 B	0.350 B	0.250 B	0.280 B
Cadmium	0.290 B	0.500 B	1.10	0.350 B	0.420 B
Chromium	14.0	12.0	16.0	11.0	9.60
Cobalt	11.0	7.80	9.00	8.70	9.30
Copper	26.0	59.0	1700	29.0	28.0
Cyanide	0.140 B	0.160 B	0.250 B	0.220	0.140
Lead	120	170	650	100	120
Mercury	0.120 B	0.210	0.260	0.0880 B	0.140
Nickel	19.0	16.0	18.0	18.0	18.0
Selenium	ND(1.10)	1.20	1.80	1.20	1.20
Silver	ND(1.10)	0.210 B	ND(1.00)	0.160 B	0.170 B
Sulfide	23.0	45.0	22.0	16.0	100
Thallium	4.30	ND(1.20)	ND(1.40)	ND(1.20)	ND(1.10)
Tin	6.00 B	6.10 B	11.0	11.0	4.70 B
Vanadium	15.0	17.0	16.0	16.0	9.70
Zinc	120	170	560	110	140

TABLE 20-2
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	I9-9-11-SB-7 0-1 03/09/05	I9-9-11-SB-7 3-6 03/09/05	I9-9-11-SB-7 4-6 03/09/05
Volatile Organics				
1,2,3-Trichloropropane		ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
2-Butanone		ND(0.011)	NA	ND(0.013) [ND(0.013)]
Acetone		ND(0.022)	NA	ND(0.026) [ND(0.025)]
Benzene		ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Carbon Disulfide		ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Chlorobenzene		ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Chloroform		ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Chloromethane		ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Dichlorodifluoromethane		ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Ethylbenzene		ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Isobutanol		ND(0.11)	NA	ND(0.13) [ND(0.13)]
Methylene Chloride		ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Styrene		ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Toluene		ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Trichlorofluoromethane		ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Xylenes (total)		ND(0.0056)	NA	ND(0.0065) [ND(0.0064)]
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene		ND(3.8)	ND(0.42) [ND(42)]	NA
1,2,4-Trichlorobenzene		ND(3.8)	ND(0.42) [ND(42)]	NA
1,3-Dichlorobenzene		ND(3.8)	ND(0.42) [ND(42)]	NA
1,4-Dichlorobenzene		ND(3.8)	ND(0.42) [ND(42)]	NA
2-Methylnaphthalene		ND(3.8)	0.79 [8.1 J]	NA
3&4-Methylphenol		ND(3.8)	0.080 J [ND(42)]	NA
Acenaphthene		ND(3.8)	4.0 [50]	NA
Acenaphthylene		ND(3.8)	ND(0.42) [ND(42)]	NA
Anthracene		ND(3.8)	7.0 [96]	NA
Benzo(a)anthracene		ND(3.8)	9.2 [210]	NA
Benzo(a)pyrene		ND(3.8)	6.3 [170]	NA
Benzo(b)fluoranthene		ND(3.8)	7.5 [160]	NA
Benzo(g,h,i)perylene		ND(3.8)	3.6 [83]	NA
Benzo(k)fluoranthene		ND(3.8)	6.8 [190]	NA
bis(2-Ethylhexyl)phthalate		ND(1.9)	ND(0.42) [ND(21)]	NA
Butylbenzylphthalate		ND(3.8)	ND(0.42) [ND(42)]	NA
Chrysene		ND(3.8)	8.8 [200]	NA
Dibenzo(a,h)anthracene		ND(3.8)	1.4 [26 J]	NA
Dibenzofuran		ND(3.8)	2.2 [26 J]	NA
Di-n-Butylphthalate		ND(3.8)	ND(0.42) [ND(42)]	NA
Fluoranthene		ND(3.8)	23 [440]	NA
Fluorene		ND(3.8)	3.2 [40 J]	NA
Indeno(1,2,3-cd)pyrene		ND(3.8)	3.6 [75]	NA
Naphthalene		ND(3.8)	2.1 [23 J]	NA
N-Nitrosodiphenylamine		ND(3.8)	ND(0.42) [ND(42)]	NA
Phenanthrene		ND(3.8)	22 [360]	NA
Phenol		ND(3.8)	ND(0.42) [ND(42)]	NA
Pyrene		ND(3.8)	20 [400]	NA

TABLE 20-2
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	I9-9-11-SB-7 0-1 03/09/05	I9-9-11-SB-7 3-6 03/09/05	I9-9-11-SB-7 4-6 03/09/05
Furans				
2,3,7,8-TCDF		0.00000076 J	ND(0.000034) [ND(0.000038)]	NA
TCDFs (total)		0.0000024	ND(0.000034) [ND(0.000038)]	NA
1,2,3,7,8-PeCDF		ND(0.00000052)	ND(0.000061) [ND(0.000059)]	NA
2,3,4,7,8-PeCDF		0.00000099 J	ND(0.000061) [ND(0.000059)]	NA
PeCDFs (total)		0.0000089	ND(0.000061) [ND(0.000059)]	NA
1,2,3,4,7,8-HxCDF		ND(0.00000052)	ND(0.000061) [ND(0.000059)]	NA
1,2,3,6,7,8-HxCDF		ND(0.00000052)	ND(0.000061) [ND(0.000059)]	NA
1,2,3,7,8,9-HxCDF		ND(0.00000054)	ND(0.000061) [ND(0.000064)]	NA
2,3,4,6,7,8-HxCDF		0.00000074 J	ND(0.000061) [ND(0.000059)]	NA
HxCDFs (total)		0.0000042 J	ND(0.000061) [ND(0.000059)]	NA
1,2,3,4,6,7,8-HpCDF		0.0000024 J	ND(0.000061) [ND(0.00015) X]	NA
1,2,3,4,7,8,9-HpCDF		ND(0.00000074)	ND(0.000061) [ND(0.000059)]	NA
HpCDFs (total)		0.0000049 J	ND(0.000061) [0.00026 J]	NA
OCDF		0.0000026 J	ND(0.00012) [0.00069 J]	NA
Dioxins				
2,3,7,8-TCDD		ND(0.00000032)	ND(0.000052) [ND(0.000069)]	NA
TCDDs (total)		ND(0.00000060)	ND(0.000077) [ND(0.000083)]	NA
1,2,3,7,8-PeCDD		ND(0.00000052)	ND(0.000061) [ND(0.000059)]	NA
PeCDDs (total)		ND(0.00000052)	ND(0.00011) [ND(0.00011)]	NA
1,2,3,4,7,8-HxCDD		ND(0.00000060)	ND(0.000083) [ND(0.000093)]	NA
1,2,3,6,7,8-HxCDD		ND(0.00000053)	ND(0.000080) [ND(0.000090)]	NA
1,2,3,7,8,9-HxCDD		ND(0.00000059)	ND(0.000082) [ND(0.000092)]	NA
HxCDDs (total)		0.00000097 J	ND(0.000082) [ND(0.00012)]	NA
1,2,3,4,6,7,8-HpCDD		0.0000061	0.00012 J [0.00043 J]	NA
HpCDDs (total)		0.000011	0.00012 J [0.00086]	NA
OCDD		0.000057	0.0010 J [0.0056]	NA
Total TEQs (WHO TEFs)		0.0000013	0.00010 [0.00011]	NA
Inorganics				
Antimony		1.50 B	4.90 B [2.60 B]	NA
Arsenic		8.00	7.90 [12.0]	NA
Barium		36.0	110 [130]	NA
Beryllium		0.290 B	0.260 B [0.370 B]	NA
Cadmium		0.120 B	0.290 B [1.50]	NA
Chromium		12.0	15.0 [16.0]	NA
Cobalt		10.0	8.40 [14.0]	NA
Copper		18.0	77.0 [80.0]	NA
Cyanide		ND(0.220)	1.50 [0.690]	NA
Lead		16.0	230 [560]	NA
Mercury		0.0110 B	0.630 [1.00]	NA
Nickel		17.0	18.0 [30.0]	NA
Selenium		1.40	1.80 [2.80]	NA
Silver		0.120 B	0.140 B [0.310 B]	NA
Sulfide		20.0	44.0 [26.0]	NA
Thallium		ND(1.10)	ND(1.30) [ND(1.20)]	NA
Tin		1.60 B	26.0 [690]	NA
Vanadium		16.0	14.0 [22.0]	NA
Zinc		62.0	230 [580]	NA

TABLE 20-2
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	I9-9-11-SB-9 0-1 03/09/05	I9-9-11-SB-9 1-3 03/09/05	I9-9-21-SB-6 0-1 03/10/05
Volatile Organics				
1,2,3-Trichloropropane		ND(0.0057)	ND(0.0060)	ND(0.0056)
2-Butanone		ND(0.011)	ND(0.012)	ND(0.011)
Acetone		0.0063 J	ND(0.024)	ND(0.022)
Benzene		ND(0.0057)	ND(0.0060)	ND(0.0056)
Carbon Disulfide		0.0044 J	ND(0.0060)	ND(0.0056)
Chlorobenzene		ND(0.0057)	ND(0.0060)	ND(0.0056)
Chloroform		0.0067	0.012	ND(0.0056)
Chloromethane		ND(0.0057)	ND(0.0060)	ND(0.0056)
Dichlorodifluoromethane		ND(0.0057)	ND(0.0060)	ND(0.0056)
Ethylbenzene		ND(0.0057)	ND(0.0060)	ND(0.0056)
Isobutanol		ND(0.11)	ND(0.12)	ND(0.11)
Methylene Chloride		ND(0.0057)	0.0050 J	ND(0.0056)
Styrene		ND(0.0057)	ND(0.0060)	ND(0.0056)
Toluene		ND(0.0057)	0.0035 J	ND(0.0056)
Trichlorofluoromethane		ND(0.0057)	ND(0.0060)	ND(0.0056)
Xylenes (total)		ND(0.0057)	ND(0.0060)	ND(0.0056)
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene		ND(0.38)	ND(4.0)	ND(3.7)
1,2,4-Trichlorobenzene		ND(0.38)	ND(4.0)	ND(3.7)
1,3-Dichlorobenzene		ND(0.38)	ND(4.0)	ND(3.7)
1,4-Dichlorobenzene		ND(0.38)	ND(4.0)	ND(3.7)
2-Methylnaphthalene		ND(0.38)	ND(4.0)	ND(3.7)
3&4-Methylphenol		ND(0.77)	ND(4.0)	ND(3.7)
Acenaphthene		ND(0.38)	ND(4.0)	ND(3.7)
Acenaphthylene		0.24 J	0.75 J	ND(3.7)
Anthracene		0.19 J	0.52 J	ND(3.7)
Benzo(a)anthracene		0.74	2.2 J	ND(3.7)
Benzo(a)pyrene		0.84	2.4 J	ND(3.7)
Benzo(b)fluoranthene		0.66	1.5 J	ND(3.7)
Benzo(g,h,i)perylene		0.44	1.4 J	ND(3.7)
Benzo(k)fluoranthene		0.70	2.0 J	ND(3.7)
bis(2-Ethylhexyl)phthalate		ND(0.38)	ND(2.0)	ND(1.9)
Butylbenzylphthalate		ND(0.38)	ND(4.0)	ND(3.7)
Chrysene		0.73	2.0 J	ND(3.7)
Dibenzo(a,h)anthracene		0.12 J	ND(4.0)	ND(3.7)
Dibenzofuran		ND(0.38)	ND(4.0)	ND(3.7)
Di-n-Butylphthalate		ND(0.38)	ND(4.0)	ND(3.7)
Fluoranthene		1.0	3.1 J	0.43 J
Fluorene		0.041 J	ND(4.0)	ND(3.7)
Indeno(1,2,3-cd)pyrene		0.42	0.98 J	ND(3.7)
Naphthalene		ND(0.38)	ND(4.0)	ND(3.7)
N-Nitrosodiphenylamine		ND(0.38)	ND(4.0)	ND(3.7)
Phenanthrene		0.40	1.2 J	ND(3.7)
Phenol		ND(0.38)	ND(4.0)	ND(3.7)
Pyrene		1.2	3.2 J	0.51 J

TABLE 20-2
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	I9-9-11-SB-9 0-1 03/09/05	I9-9-11-SB-9 1-3 03/09/05	I9-9-21-SB-6 0-1 03/10/05
Furans				
2,3,7,8-TCDF		0.000016 Y	0.0000043 Y	0.000017 Y
TCDFs (total)		0.00018	0.000037	0.00010
1,2,3,7,8-PeCDF		0.0000065	0.0000020 J	0.0000042 J
2,3,4,7,8-PeCDF		0.000012	0.0000038 J	0.0000086
PeCDFs (total)		0.00014	0.000044	0.00020
1,2,3,4,7,8-HxCDF		0.000014	0.0000047 J	0.000016
1,2,3,6,7,8-HxCDF		0.0000073	ND(0.0000027) X	0.000011
1,2,3,7,8,9-HxCDF		0.0000025 J	0.00000091 J	ND(0.0000015)
2,3,4,6,7,8-HxCDF		0.0000088	0.0000038 J	0.000010
HxCDFs (total)		0.00012	0.000056	0.00031
1,2,3,4,6,7,8-HpCDF		0.000026	0.000048	0.000048
1,2,3,4,7,8,9-HpCDF		0.0000042 J	0.0000021 J	0.0000051 J
HpCDFs (total)		0.000051	0.000081	0.00012
OCDF		0.000022	0.000025	0.000030
Dioxins				
2,3,7,8-TCDD		ND(0.00000042) X	ND(0.00000036)	ND(0.00000061)
TCDDs (total)		0.0000024	ND(0.00000036)	0.00000081
1,2,3,7,8-PeCDD		ND(0.0000034) X	ND(0.00000051)	ND(0.0000017)
PeCDDs (total)		0.0000058	0.0000018 J	ND(0.0000036)
1,2,3,4,7,8-HxCDD		0.00000086 J	ND(0.00000091) X	ND(0.0000015)
1,2,3,6,7,8-HxCDD		ND(0.0000020) X	0.0000018 J	0.0000068
1,2,3,7,8,9-HxCDD		0.0000022 J	0.0000012 J	0.0000034 J
HxCDDs (total)		0.000020	0.000014	0.000057
1,2,3,4,6,7,8-HpCDD		0.000031	0.000025	0.000076
HpCDDs (total)		0.000056	0.000045	0.00017
OCDD		0.00016	0.00018	0.00034
Total TEQs (WHO TEFs)		0.000014	0.0000051	0.000014
Inorganics				
Antimony		1.90 B	2.30 B	ND(6.00)
Arsenic		6.30	6.40	3.30
Barium		62.0	60.0	25.0
Beryllium		0.220 B	0.230 B	0.210 B
Cadmium		0.270 B	0.380 B	0.720
Chromium		12.0	12.0	7.10
Cobalt		9.30	7.60	5.50
Copper		31.0	40.0	40.0
Cyanide		0.170 B	0.330	ND(0.220)
Lead		91.0	140	150
Mercury		0.100 B	0.370	0.150
Nickel		17.0	17.0	14.0
Selenium		1.00	0.690 B	0.590 B
Silver		ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		33.0	29.0	20.0
Thallium		ND(1.10)	ND(1.20)	ND(1.10)
Tin		10.0	15.0	5.50 B
Vanadium		15.0	10.0	20.0
Zinc		150	170	61.0

TABLE 20-2
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	I9-9-21-SB-6 3-6 03/10/05	I9-9-21-SB-6 4-6 03/10/05	I9-9-21-SB-6 10-12 03/10/05	I9-9-21-SB-6 10-15 03/10/05
Volatile Organics				
1,2,3-Trichloropropane	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)	NA
2-Butanone	NA	ND(0.011) [ND(0.012)]	ND(0.012)	NA
Acetone	NA	ND(0.022) [ND(0.023)]	ND(0.024)	NA
Benzene	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)	NA
Carbon Disulfide	NA	0.0030 J [ND(0.0058)]	ND(0.012)	NA
Chlorobenzene	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)	NA
Chloroform	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)	NA
Chloromethane	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)	NA
Dichlorodifluoromethane	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)	NA
Ethylbenzene	NA	ND(0.0056) [ND(0.0058)]	0.089	NA
Isobutanol	NA	0.92 E [ND(0.12)]	ND(0.12)	NA
Methylene Chloride	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)	NA
Styrene	NA	ND(0.0056) [ND(0.0058)]	0.0060 J	NA
Toluene	NA	ND(0.0056) [ND(0.0058)]	0.11	NA
Trichlorofluoromethane	NA	ND(0.0056) [ND(0.0058)]	ND(0.012)	NA
Xylenes (total)	NA	ND(0.0056) [ND(0.0058)]	0.28	NA
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(3.8) [ND(0.38)]	NA	NA	ND(4.0)
1,2,4-Trichlorobenzene	ND(3.8) [ND(0.38)]	NA	NA	ND(4.0)
1,3-Dichlorobenzene	ND(3.8) [ND(0.38)]	NA	NA	ND(4.0)
1,4-Dichlorobenzene	ND(3.8) [ND(0.38)]	NA	NA	ND(4.0)
2-Methylnaphthalene	ND(3.8) [0.24 J]	NA	NA	31
3&4-Methylphenol	ND(3.8) [ND(0.76)]	NA	NA	ND(4.0)
Acenaphthene	ND(3.8) [1.1]	NA	NA	53
Acenaphthylene	ND(3.8) [0.039 J]	NA	NA	3.8 J
Anthracene	ND(3.8) [1.6]	NA	NA	140
Benzo(a)anthracene	0.41 J [2.9]	NA	NA	170
Benzo(a)pyrene	0.45 J [2.4]	NA	NA	130
Benzo(b)fluoranthene	0.36 J [1.9]	NA	NA	120
Benzo(g,h,i)perylene	ND(3.8) [1.3]	NA	NA	43
Benzo(k)fluoranthene	0.43 J [2.2]	NA	NA	110
bis(2-Ethylhexyl)phthalate	ND(1.9) [ND(0.38)]	NA	NA	ND(2.0)
Butylbenzylphthalate	ND(3.8) [ND(0.38)]	NA	NA	ND(4.0)
Chrysene	0.48 J [2.7]	NA	NA	150
Dibenzo(a,h)anthracene	ND(3.8) [0.32 J]	NA	NA	18
Dibenzofuran	ND(3.8) [0.50]	NA	NA	43
Di-n-Butylphthalate	ND(3.8) [ND(0.38)]	NA	NA	ND(4.0)
Fluoranthene	0.74 J [5.9]	NA	NA	400
Fluorene	ND(3.8) [0.83]	NA	NA	66
Indeno(1,2,3-cd)pyrene	ND(3.8) [1.2]	NA	NA	45
Naphthalene	ND(3.8) [0.54]	NA	NA	130
N-Nitrosodiphenylamine	ND(3.8) [ND(0.38)]	NA	NA	ND(4.0)
Phenanthrene	0.51 J [5.8]	NA	NA	430
Phenol	ND(3.8) [ND(0.38)]	NA	NA	ND(4.0)
Pyrene	0.69 J [5.7]	NA	NA	310

TABLE 20-2
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	I9-9-21-SB-6 3-6 03/10/05	I9-9-21-SB-6 4-6 03/10/05	I9-9-21-SB-6 10-12 03/10/05	I9-9-21-SB-6 10-15 03/10/05
Furans				
2,3,7,8-TCDF	0.000051 Y [0.000040 Y]	NA	NA	0.00048
TCDFs (total)	0.00035 [0.00024]	NA	NA	0.0012
1,2,3,7,8-PeCDF	0.000014 [0.000013]	NA	NA	0.00015 J
2,3,4,7,8-PeCDF	0.000026 [0.000021]	NA	NA	0.00037
PeCDFs (total)	0.00034 [0.00036]	NA	NA	0.0017
1,2,3,4,7,8-HxCDF	0.000037 [0.000036]	NA	NA	0.0017
1,2,3,6,7,8-HxCDF	0.000025 [0.000028]	NA	NA	0.00078
1,2,3,7,8,9-HxCDF	ND(0.0000038) [ND(0.00000048)]	NA	NA	ND(0.000018)
2,3,4,6,7,8-HxCDF	0.000022 [0.000029]	NA	NA	0.00014 J
HxCDFs (total)	0.00095 [0.00092]	NA	NA	0.0050
1,2,3,4,6,7,8-HpCDF	0.000079 [0.000085]	NA	NA	0.0010
1,2,3,4,7,8,9-HpCDF	0.000012 [0.000013]	NA	NA	0.00043
HpCDFs (total)	0.00023 [0.00023]	NA	NA	0.0021
OCDF	0.000041 [0.000035]	NA	NA	0.00063
Dioxins				
2,3,7,8-TCDD	ND(0.00000054) [ND(0.00000047)]	NA	NA	ND(0.0000075)
TCDDs (total)	ND(0.00000054) [0.0000027]	NA	NA	ND(0.0000075)
1,2,3,7,8-PeCDD	ND(0.0000019) [ND(0.0000016)]	NA	NA	ND(0.000019)
PeCDDs (total)	ND(0.0000023) [ND(0.0000037)]	NA	NA	ND(0.000019)
1,2,3,4,7,8-HxCDD	0.0000050 J [ND(0.0000014)]	NA	NA	ND(0.000017)
1,2,3,6,7,8-HxCDD	0.0000055 J [ND(0.0000028)]	NA	NA	ND(0.000016)
1,2,3,7,8,9-HxCDD	0.0000052 J [ND(0.0000020)]	NA	NA	ND(0.000016)
HxCDDs (total)	0.000049 [0.000025]	NA	NA	ND(0.000017)
1,2,3,4,6,7,8-HpCDD	0.000026 [0.000024]	NA	NA	ND(0.000054)
HpCDDs (total)	0.000057 [0.000049]	NA	NA	ND(0.000054)
OCDD	0.00013 [0.00014]	NA	NA	0.00035 J
Total TEQs (WHO TEFs)	0.000031 [0.000027]	NA	NA	0.00053
Inorganics				
Antimony	ND(6.00) [ND(6.00)]	NA	NA	ND(6.00)
Arsenic	6.10 [3.80]	NA	NA	6.10
Barium	47.0 [33.0]	NA	NA	68.0
Beryllium	0.360 B [0.320 B]	NA	NA	0.470 B
Cadmium	0.530 [0.340 B]	NA	NA	0.620
Chromium	13.0 [7.80]	NA	NA	12.0
Cobalt	7.70 [5.00]	NA	NA	9.60
Copper	39.0 [28.0]	NA	NA	38.0
Cyanide	0.0660 B [0.130 B]	NA	NA	0.850
Lead	34.0 [25.0]	NA	NA	34.0
Mercury	0.200 [0.280]	NA	NA	0.200
Nickel	17.0 [9.40]	NA	NA	13.0
Selenium	0.990 B [ND(1.00)]	NA	NA	0.870 B
Silver	0.270 B [0.160 B]	NA	NA	0.370 B
Sulfide	16.0 [27.0]	NA	NA	160
Thallium	ND(1.10) [ND(1.10)]	NA	NA	ND(1.20)
Tin	5.80 B [4.20 B]	NA	NA	10.0
Vanadium	11.0 [6.80]	NA	NA	11.0
Zinc	80.0 [55.0]	NA	NA	75.0

TABLE 20-2
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	I9-9-21-SB-7 0-1 03/10/05	I9-9-21-SB-7 1-3 03/10/05	I9-9-21-SB-7 6-10 03/10/05	I9-9-21-SB-7 8-10 03/10/05
Volatile Organics				
1,2,3-Trichloropropane	ND(0.0058)	ND(0.0059)	NA	ND(0.0058)
2-Butanone	ND(0.012)	ND(0.012)	NA	ND(0.012)
Acetone	ND(0.023)	ND(0.024)	NA	ND(0.023)
Benzene	ND(0.0058)	ND(0.0059)	NA	ND(0.0058)
Carbon Disulfide	ND(0.0058)	ND(0.0059)	NA	ND(0.0058)
Chlorobenzene	ND(0.0058)	ND(0.0059)	NA	ND(0.0058)
Chloroform	ND(0.0058)	ND(0.0059)	NA	ND(0.0058)
Chloromethane	ND(0.0058)	0.0045 J	NA	ND(0.0058)
Dichlorodifluoromethane	ND(0.0058)	ND(0.0059)	NA	ND(0.0058)
Ethylbenzene	ND(0.0058)	ND(0.0059)	NA	ND(0.0058)
Isobutanol	ND(0.12)	ND(0.12)	NA	1.5
Methylene Chloride	ND(0.0058)	ND(0.0059)	NA	ND(0.0058)
Styrene	ND(0.0058)	ND(0.0059)	NA	ND(0.0058)
Toluene	ND(0.0058)	ND(0.0059)	NA	ND(0.0058)
Trichlorofluoromethane	ND(0.0058)	ND(0.0059)	NA	ND(0.0058)
Xylenes (total)	ND(0.0058)	ND(0.0059)	NA	ND(0.0058)
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(3.8)	ND(0.39)	ND(3.9)	NA
1,2,4-Trichlorobenzene	ND(3.8)	ND(0.39)	ND(3.9)	NA
1,3-Dichlorobenzene	ND(3.8)	ND(0.39)	ND(3.9)	NA
1,4-Dichlorobenzene	ND(3.8)	ND(0.39)	ND(3.9)	NA
2-Methylnaphthalene	ND(3.8)	0.15 J	0.75 J	NA
3&4-Methylphenol	ND(3.8)	ND(0.79)	ND(3.9)	NA
Acenaphthene	ND(3.8)	0.26 J	2.6 J	NA
Acenaphthylene	ND(3.8)	0.40	0.59 J	NA
Anthracene	ND(3.8)	0.78	4.6	NA
Benzo(a)anthracene	0.51 J	1.9	8.0	NA
Benzo(a)pyrene	0.59 J	1.7	7.0	NA
Benzo(b)fluoranthene	0.52 J	1.3	6.3	NA
Benzo(g,h,i)perylene	ND(3.8)	0.86	3.7 J	NA
Benzo(k)fluoranthene	0.52 J	1.5	6.8	NA
bis(2-Ethylhexyl)phthalate	ND(1.9)	ND(0.39)	ND(1.9)	NA
Butylbenzylphthalate	ND(3.8)	ND(0.39)	ND(3.9)	NA
Chrysene	0.47 J	1.9	7.7	NA
Dibenzo(a,h)anthracene	ND(3.8)	0.22 J	1.1 J	NA
Dibenzofuran	ND(3.8)	0.19 J	1.4 J	NA
Di-n-Butylphthalate	ND(3.8)	ND(0.39)	ND(3.9)	NA
Fluoranthene	0.81 J	3.2	17	NA
Fluorene	ND(3.8)	0.35 J	2.7 J	NA
Indeno(1,2,3-cd)pyrene	ND(3.8)	0.76	3.7 J	NA
Naphthalene	ND(3.8)	0.19 J	1.0 J	NA
N-Nitrosodiphenylamine	ND(3.8)	ND(0.39)	ND(3.9)	NA
Phenanthrene	0.45 J	2.6	17	NA
Phenol	ND(3.8)	0.048 J	ND(3.9)	NA
Pyrene	0.82 J	3.4	14	NA

TABLE 20-2
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	I9-9-21-SB-7 0-1 03/10/05	I9-9-21-SB-7 1-3 03/10/05	I9-9-21-SB-7 6-10 03/10/05	I9-9-21-SB-7 8-10 03/10/05
Furans					
2,3,7,8-TCDF		0.000013 Y	0.000046 Y	0.00038 Y	NA
TCDFs (total)		0.000088	0.00022	0.00075	NA
1,2,3,7,8-PeCDF		0.0000032 J	0.000013	0.000034	NA
2,3,4,7,8-PeCDF		0.0000054 J	0.000020	0.000065	NA
PeCDFs (total)		0.00010	0.00038	0.00057	NA
1,2,3,4,7,8-HxCDF		0.0000062	0.000063	0.00017	NA
1,2,3,6,7,8-HxCDF		0.0000060	0.000035	0.000076	NA
1,2,3,7,8,9-HxCDF		ND(0.0000030)	ND(0.00000099)	ND(0.0000024)	NA
2,3,4,6,7,8-HxCDF		0.0000060	0.000016	0.000031	NA
HxCDFs (total)		0.00014	0.00051	0.00098	NA
1,2,3,4,6,7,8-HpCDF		0.000014	0.000056	0.00013	NA
1,2,3,4,7,8,9-HpCDF		ND(0.0000024)	0.000023	0.000054	NA
HpCDFs (total)		0.000032	0.00014	0.00035	NA
OCDF		0.0000082 J	0.000039	0.000092	NA
Dioxins					
2,3,7,8-TCDD		ND(0.00000053)	ND(0.00000042)	ND(0.00000044)	NA
TCDDs (total)		ND(0.00000060)	0.0000034	0.000012	NA
1,2,3,7,8-PeCDD		ND(0.0000020)	ND(0.00000081)	ND(0.00000096)	NA
PeCDDs (total)		ND(0.0000020)	ND(0.0000034)	ND(0.0000071)	NA
1,2,3,4,7,8-HxCDD		ND(0.0000032)	ND(0.00000078)	ND(0.0000018)	NA
1,2,3,6,7,8-HxCDD		ND(0.0000029)	ND(0.0000019)	ND(0.0000026)	NA
1,2,3,7,8,9-HxCDD		ND(0.0000029)	ND(0.0000015)	ND(0.0000022)	NA
HxCDDs (total)		0.0000037	0.000013	0.000025	NA
1,2,3,4,6,7,8-HpCDD		0.0000071	0.000013	0.000028	NA
HpCDDs (total)		0.000013	0.000027	0.000054	NA
OCDD		0.000027	0.000090	0.00017	NA
Total TEQs (WHO TEFs)		0.0000081	0.000028	0.00010	NA
Inorganics					
Antimony		2.60 B	1.10 B	5.80 B	NA
Arsenic		6.60	7.20	6.70	NA
Barium		36.0	43.0	75.0	NA
Beryllium		0.280 B	0.330 B	0.350 B	NA
Cadmium		0.760	1.10	1.10	NA
Chromium		12.0	14.0	13.0	NA
Cobalt		11.0	11.0	8.80	NA
Copper		26.0	58.0	1600	NA
Cyanide		0.100 B	0.0910 B	0.0970 B	NA
Lead		140	98.0	290	NA
Mercury		0.170	1.10	0.340	NA
Nickel		17.0	22.0	23.0	NA
Selenium		2.00	1.60	1.50	NA
Silver		0.290 B	0.340 B	ND(1.00)	NA
Sulfide		17.0	11.0	24.0	NA
Thallium		ND(1.20)	ND(1.20)	ND(1.20)	NA
Tin		14.0	11.0	150	NA
Vanadium		12.0	13.0	11.0	NA
Zinc		100	100	190	NA

TABLE 20-2
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	I9-9-21-SB-7 10-15 03/10/05	I9-9-21-SB-7 12-14 03/10/05	I9-9-21-SB-10 1-3 03/10/05	I9-9-21-SB-10 3-6 03/10/05	I9-9-21-SB-10 4-6 03/10/05
Volatile Organics					
1,2,3-Trichloropropane	NA	0.14	ND(0.0060)	NA	ND(0.0056)
2-Butanone	NA	ND(0.012)	ND(0.012)	NA	ND(0.011)
Acetone	NA	ND(0.024)	ND(0.024)	NA	ND(0.022)
Benzene	NA	0.0044 J	ND(0.0060)	NA	ND(0.0056)
Carbon Disulfide	NA	0.0080	ND(0.0060)	NA	ND(0.0056)
Chlorobenzene	NA	0.0039 J	ND(0.0060)	NA	ND(0.0056)
Chloroform	NA	ND(0.0060)	ND(0.0060)	NA	ND(0.0056)
Chloromethane	NA	ND(0.0060)	ND(0.0060)	NA	ND(0.0056)
Dichlorodifluoromethane	NA	ND(0.0060)	ND(0.0060)	NA	ND(0.0056)
Ethylbenzene	NA	ND(0.0060)	ND(0.0060)	NA	ND(0.0056)
Isobutanol	NA	ND(0.12)	1.0	NA	ND(0.11)
Methylene Chloride	NA	ND(0.0060)	ND(0.0060)	NA	ND(0.0056)
Styrene	NA	ND(0.0060)	ND(0.0060)	NA	ND(0.0056)
Toluene	NA	0.0046 J	0.0034 J	NA	ND(0.0056)
Trichlorofluoromethane	NA	ND(0.0060)	0.0064	NA	ND(0.0056)
Xylenes (total)	NA	0.013	ND(0.0060)	NA	ND(0.0056)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	0.058 J	NA	ND(4.0)	ND(0.40)	NA
1,2,4-Trichlorobenzene	0.30 J	NA	ND(4.0)	ND(0.40)	NA
1,3-Dichlorobenzene	0.058 J	NA	ND(4.0)	ND(0.40)	NA
1,4-Dichlorobenzene	0.23 J	NA	ND(4.0)	ND(0.40)	NA
2-Methylnaphthalene	ND(0.41)	NA	4.3	ND(0.40)	NA
3&4-Methylphenol	ND(0.82)	NA	ND(4.0)	ND(0.80)	NA
Acenaphthene	0.056 J	NA	10	ND(0.40)	NA
Acenaphthylene	0.26 J	NA	1.6 J	ND(0.40)	NA
Anthracene	0.17 J	NA	23	0.057 J	NA
Benzo(a)anthracene	0.47	NA	28	0.19 J	NA
Benzo(a)pyrene	0.52	NA	21	0.22 J	NA
Benzo(b)fluoranthene	0.36 J	NA	13	0.18 J	NA
Benzo(g,h,i)perylene	0.32 J	NA	8.9	0.17 J	NA
Benzo(k)fluoranthene	0.46	NA	15	0.19 J	NA
bis(2-Ethylhexyl)phthalate	ND(0.40)	NA	ND(2.0)	ND(0.40)	NA
Butylbenzylphthalate	ND(0.41)	NA	ND(4.0)	ND(0.40)	NA
Chrysene	0.51	NA	27	0.22 J	NA
Dibenzo(a,h)anthracene	0.086 J	NA	2.6 J	ND(0.40)	NA
Dibenzofuran	ND(0.41)	NA	6.4	ND(0.40)	NA
Di-n-Butylphthalate	ND(0.41)	NA	ND(4.0)	ND(0.40)	NA
Fluoranthene	0.78	NA	54	0.31 J	NA
Fluorene	0.097 J	NA	13	ND(0.40)	NA
Indeno(1,2,3-cd)pyrene	0.26 J	NA	7.2	0.14 J	NA
Naphthalene	0.10 J	NA	4.8	ND(0.40)	NA
N-Nitrosodiphenylamine	ND(0.41)	NA	ND(4.0)	ND(0.40)	NA
Phenanthrene	0.46	NA	63	0.14 J	NA
Phenol	ND(0.41)	NA	ND(4.0)	ND(0.40)	NA
Pyrene	0.96	NA	60	0.35 J	NA

TABLE 20-2
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	I9-9-21-SB-7 10-15 03/10/05	I9-9-21-SB-7 12-14 03/10/05	I9-9-21-SB-10 1-3 03/10/05	I9-9-21-SB-10 3-6 03/10/05	I9-9-21-SB-10 4-6 03/10/05
Furans						
2,3,7,8-TCDF		0.000053 Y	NA	0.0000021 Y	0.0000091 Y	NA
TCDFs (total)		0.00032	NA	0.000020	0.000086	NA
1,2,3,7,8-PeCDF		0.000040	NA	ND(0.00000078)	0.0000041 J	NA
2,3,4,7,8-PeCDF		0.000023	NA	ND(0.0000010)	0.0000076	NA
PeCDFs (total)		0.00042	NA	0.000022	0.00029	NA
1,2,3,4,7,8-HxCDF		0.00014	NA	ND(0.0000027)	0.000012	NA
1,2,3,6,7,8-HxCDF		0.000041	NA	ND(0.0000022)	0.000015	NA
1,2,3,7,8,9-HxCDF		0.0000036 J	NA	ND(0.00000060)	ND(0.00000042)	NA
2,3,4,6,7,8-HxCDF		0.000020	NA	ND(0.0000027)	0.000020	NA
HxCDFs (total)		0.00089	NA	0.000063	0.00060	NA
1,2,3,4,6,7,8-HpCDF		0.00018	NA	0.0000080	0.000060	NA
1,2,3,4,7,8,9-HpCDF		0.00010	NA	ND(0.0000012)	0.0000080	NA
HpCDFs (total)		0.00059	NA	0.000019	0.00017	NA
OCDF		0.00057	NA	ND(0.0000033)	0.000032	NA
Dioxins						
2,3,7,8-TCDD		0.00000073 J	NA	ND(0.00000062)	ND(0.00000025)	NA
TCDDs (total)		0.000025	NA	ND(0.00000073)	ND(0.00000067)	NA
1,2,3,7,8-PeCDD		0.0000069	NA	ND(0.00000071)	ND(0.0000010)	NA
PeCDDs (total)		0.000038	NA	ND(0.00000071)	ND(0.0000032)	NA
1,2,3,4,7,8-HxCDD		0.0000047 J	NA	ND(0.00000058)	ND(0.00000095)	NA
1,2,3,6,7,8-HxCDD		0.0000090	NA	ND(0.00000052)	0.0000031 J	NA
1,2,3,7,8,9-HxCDD		0.000013	NA	ND(0.00000053)	ND(0.0000022)	NA
HxCDDs (total)		0.00012	NA	ND(0.00000099)	0.000024	NA
1,2,3,4,6,7,8-HpCDD		0.000035	NA	ND(0.0000016)	0.000013	NA
HpCDDs (total)		0.000075	NA	ND(0.0000016)	0.000028	NA
OCDD		0.00011	NA	0.0000067 J	0.000048	NA
Total TEQs (WHO TEFs)		0.000053	NA	0.0000017	0.000012	NA
Inorganics						
Antimony		ND(6.00)	NA	ND(6.00)	ND(6.00)	NA
Arsenic		6.10	NA	7.70	9.00	NA
Barium		42.0	NA	53.0	60.0	NA
Beryllium		0.330 B	NA	0.410 B	0.370 B	NA
Cadmium		1.20	NA	0.870	1.10	NA
Chromium		11.0	NA	12.0	13.0	NA
Cobalt		11.0	NA	9.90	11.0	NA
Copper		31.0	NA	27.0	32.0	NA
Cyanide		0.0960 B	NA	0.180 B	ND(0.240)	NA
Lead		54.0	NA	98.0	100	NA
Mercury		0.120 B	NA	0.240	0.200	NA
Nickel		18.0	NA	18.0	18.0	NA
Selenium		1.60	NA	1.60	2.20	NA
Silver		0.210 B	NA	0.370 B	0.380 B	NA
Sulfide		180	NA	440	19.0	NA
Thallium		ND(1.20)	NA	ND(1.20)	ND(1.20)	NA
Tin		26.0	NA	8.60 B	18.0	NA
Vanadium		10.0	NA	12.0	12.0	NA
Zinc		98.0	NA	110	120	NA

TABLE 20-2
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	I9-9-21-SB-10 6-10 03/10/05	I9-9-21-SB-10 8-10 03/10/05	I9-9-21-SB-11 0-1 03/10/05	I9-9-22-SB-6 0-1 03/10/05	I9-9-22-SB-6 1-3 03/10/05
Volatile Organics					
1,2,3-Trichloropropane	NA	ND(0.0063)	ND(0.0058)	ND(0.0067)	ND(0.0059)
2-Butanone	NA	ND(0.013)	ND(0.012)	ND(0.013)	ND(0.012)
Acetone	NA	ND(0.025)	ND(0.023)	ND(0.027)	ND(0.024)
Benzene	NA	ND(0.0063)	ND(0.0058)	ND(0.0067)	ND(0.0059)
Carbon Disulfide	NA	0.014	ND(0.0058)	ND(0.0067)	ND(0.0059)
Chlorobenzene	NA	ND(0.0063)	ND(0.0058)	ND(0.0067)	ND(0.0059)
Chloroform	NA	ND(0.0063)	ND(0.0058)	ND(0.0067)	ND(0.0059)
Chloromethane	NA	ND(0.0063)	ND(0.0058)	ND(0.0067)	ND(0.0059)
Dichlorodifluoromethane	NA	ND(0.0063)	ND(0.0058)	ND(0.0067)	ND(0.0059)
Ethylbenzene	NA	ND(0.0063)	ND(0.0058)	ND(0.0067)	ND(0.0059)
Isobutanol	NA	1.4	ND(0.12)	0.83	0.96
Methylene Chloride	NA	ND(0.0063)	ND(0.0058)	ND(0.0067)	ND(0.0059)
Styrene	NA	ND(0.0063)	ND(0.0058)	ND(0.0067)	ND(0.0059)
Toluene	NA	ND(0.0063)	ND(0.0058)	ND(0.0067)	ND(0.0059)
Trichlorofluoromethane	NA	ND(0.0063)	ND(0.0058)	ND(0.0067)	ND(0.0059)
Xylenes (total)	NA	ND(0.0063)	ND(0.0058)	ND(0.0067)	ND(0.0059)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.42)	NA	ND(3.8)	ND(0.45)	ND(0.40)
1,2,4-Trichlorobenzene	ND(0.42)	NA	ND(3.8)	ND(0.45)	ND(0.40)
1,3-Dichlorobenzene	ND(0.42)	NA	ND(3.8)	ND(0.45)	ND(0.40)
1,4-Dichlorobenzene	ND(0.42)	NA	ND(3.8)	ND(0.45)	ND(0.40)
2-Methylnaphthalene	ND(0.42)	NA	ND(3.8)	ND(0.45)	ND(0.40)
3&4-Methylphenol	ND(0.84)	NA	ND(3.8)	ND(0.90)	ND(0.80)
Acenaphthene	ND(0.42)	NA	ND(3.8)	ND(0.45)	ND(0.40)
Acenaphthylene	0.058 J	NA	ND(3.8)	ND(0.45)	0.050 J
Anthracene	0.054 J	NA	ND(3.8)	ND(0.45)	0.077 J
Benzo(a)anthracene	0.10 J	NA	ND(3.8)	0.086 J	0.29 J
Benzo(a)pyrene	0.10 J	NA	ND(3.8)	0.11 J	0.28 J
Benzo(b)fluoranthene	0.076 J	NA	ND(3.8)	0.19 J	0.24 J
Benzo(g,h,i)perylene	0.060 J	NA	ND(3.8)	0.12 J	0.18 J
Benzo(k)fluoranthene	0.097 J	NA	ND(3.8)	0.17 J	0.26 J
bis(2-Ethylhexyl)phthalate	ND(0.41)	NA	ND(1.9)	0.93	ND(0.39)
Butylbenzylphthalate	ND(0.42)	NA	ND(3.8)	0.65	0.82
Chrysene	0.11 J	NA	ND(3.8)	0.15 J	0.30 J
Dibenzo(a,h)anthracene	ND(0.42)	NA	ND(3.8)	ND(0.45)	0.047 J
Dibenzofuran	ND(0.42)	NA	ND(3.8)	ND(0.45)	ND(0.40)
Di-n-Butylphthalate	ND(0.42)	NA	ND(3.8)	ND(0.45)	ND(0.40)
Fluoranthene	0.21 J	NA	ND(3.8)	0.17 J	0.59
Fluorene	ND(0.42)	NA	ND(3.8)	ND(0.45)	ND(0.40)
Indeno(1,2,3-cd)pyrene	0.050 J	NA	ND(3.8)	0.091 J	0.14 J
Naphthalene	ND(0.42)	NA	ND(3.8)	ND(0.45)	ND(0.40)
N-Nitrosodiphenylamine	ND(0.42)	NA	ND(3.8)	0.97	ND(0.40)
Phenanthrene	0.17 J	NA	ND(3.8)	0.068 J	0.29 J
Phenol	ND(0.42)	NA	ND(3.8)	ND(0.45)	ND(0.40)
Pyrene	0.20 J	NA	ND(3.8)	0.21 J	0.58

TABLE 20-2
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	I9-9-21-SB-10 6-10 03/10/05	I9-9-21-SB-10 8-10 03/10/05	I9-9-21-SB-11 0-1 03/10/05	I9-9-22-SB-6 0-1 03/10/05	I9-9-22-SB-6 1-3 03/10/05
Furans					
2,3,7,8-TCDF	0.000014 Y	NA	0.0000096 Y	0.0000023 Y	0.000020 Y
TCDFs (total)	0.00019	NA	0.000083	0.000043	0.00013
1,2,3,7,8-PeCDF	0.000011	NA	0.0000047 J	ND(0.0000014)	0.0000059 J
2,3,4,7,8-PeCDF	0.000034	NA	0.0000083	0.0000037 J	0.0000062 J
PeCDFs (total)	0.0019	NA	0.00026	0.00015	0.000083
1,2,3,4,7,8-HxCDF	0.000078	NA	0.000015	ND(0.0000027)	0.0000061 J
1,2,3,6,7,8-HxCDF	0.00014	NA	0.000019	0.0000052 J	0.0000041 J
1,2,3,7,8,9-HxCDF	ND(0.0000020)	NA	ND(0.00000066)	ND(0.00000097)	ND(0.00000087)
2,3,4,6,7,8-HxCDF	0.00026	NA	0.000025	0.0000065	0.0000048 J
HxCDFs (total)	0.0074	NA	0.00075	0.00014	0.000070
1,2,3,4,6,7,8-HpCDF	0.00071	NA	0.000081	0.000017	0.000017
1,2,3,4,7,8,9-HpCDF	0.000090	NA	0.0000099	ND(0.0000013)	ND(0.0000015)
HpCDFs (total)	0.0021	NA	0.00021	0.000038	0.000034
OCDF	0.00023	NA	0.000036	0.000018	0.000025
Dioxins					
2,3,7,8-TCDD	0.00000074 J	NA	ND(0.00000035)	ND(0.00000041)	ND(0.00000051)
TCDDs (total)	0.0000042	NA	ND(0.00000059)	ND(0.00000052)	0.0000050
1,2,3,7,8-PeCDD	0.0000062 J	NA	ND(0.0000013)	ND(0.0000011)	ND(0.00000092)
PeCDDs (total)	0.000021	NA	ND(0.0000027)	ND(0.0000030)	ND(0.0000036)
1,2,3,4,7,8-HxCDD	0.0000097	NA	ND(0.0000015)	ND(0.00000098)	ND(0.00000091)
1,2,3,6,7,8-HxCDD	0.0000076	NA	ND(0.0000026)	0.0000032 J	ND(0.0000026)
1,2,3,7,8,9-HxCDD	0.0000068	NA	ND(0.0000022)	ND(0.0000028)	ND(0.0000022)
HxCDDs (total)	0.00010	NA	0.000022	0.000023	0.000013
1,2,3,4,6,7,8-HpCDD	0.000080	NA	0.000022	0.000035	0.000028
HpCDDs (total)	0.00016	NA	0.000047	0.000064	0.000050
OCDD	0.00029	NA	0.00013	0.00020	0.00016
Total TEQs (WHO TEFs)	0.000085	NA	0.000014	0.0000053	0.0000084
Inorganics					
Antimony	ND(6.00)	NA	ND(6.00)	4.60 B	ND(6.00)
Arsenic	8.10	NA	6.70	5.50	4.50
Barium	57.0	NA	56.0	120	43.0
Beryllium	0.390 B	NA	0.390 B	0.450 B	0.420 B
Cadmium	1.80	NA	0.800	6.00	0.620
Chromium	16.0	NA	13.0	65.0	11.0
Cobalt	9.90	NA	11.0	10.0	5.70
Copper	29.0	NA	30.0	240	24.0
Cyanide	ND(0.250)	NA	0.200 B	0.160	0.240
Lead	71.0	NA	100	160	81.0
Mercury	0.110 B	NA	0.240	0.0250 B	0.270
Nickel	18.0	NA	18.0	34.0	12.0
Selenium	1.20	NA	1.50	1.90	0.980 B
Silver	0.280 B	NA	0.290 B	ND(1.00)	ND(1.00)
Sulfide	460	NA	17.0	19.0	15.0
Thallium	ND(1.20)	NA	ND(1.20)	ND(1.30)	ND(1.20)
Tin	7.50 B	NA	12.0	16.0	6.30 B
Vanadium	15.0	NA	14.0	20.0	14.0
Zinc	110	NA	130	370	110

TABLE 20-2
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	I9-9-25-SB-8 0-1 03/11/05	I9-9-25-SB-8 1-3 03/11/05	I9-9-25-SB-9 0-1 03/11/05	I9-9-25-SB-9 3-6 03/11/05
Volatile Organics				
1,2,3-Trichloropropane	ND(0.0060)	ND(0.0056)	ND(0.0060)	NA
2-Butanone	ND(0.012)	ND(0.011)	ND(0.012)	NA
Acetone	ND(0.024)	ND(0.022)	ND(0.024)	NA
Benzene	ND(0.0060)	ND(0.0056)	ND(0.0060)	NA
Carbon Disulfide	ND(0.0060)	ND(0.0056)	ND(0.0060)	NA
Chlorobenzene	ND(0.0060)	ND(0.0056)	ND(0.0060)	NA
Chloroform	ND(0.0060)	ND(0.0056)	ND(0.0060)	NA
Chloromethane	ND(0.0060)	ND(0.0056)	ND(0.0060)	NA
Dichlorodifluoromethane	ND(0.0060)	ND(0.0056)	0.011	NA
Ethylbenzene	ND(0.0060)	ND(0.0056)	ND(0.0060)	NA
Isobutanol	ND(0.12)	ND(0.11)	ND(0.12)	NA
Methylene Chloride	ND(0.0060)	ND(0.0056)	0.012	NA
Styrene	ND(0.0060)	ND(0.0056)	ND(0.0060)	NA
Toluene	ND(0.0060)	ND(0.0056)	0.0082	NA
Trichlorofluoromethane	ND(0.0060)	ND(0.0056)	ND(0.0060)	NA
Xylenes (total)	ND(0.0060)	ND(0.0056)	ND(0.0060)	NA
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.40)	ND(0.37)	ND(0.40)	ND(4.2) [ND(0.40)]
1,2,4-Trichlorobenzene	ND(0.40)	ND(0.37)	ND(0.40)	ND(4.2) [ND(0.40)]
1,3-Dichlorobenzene	ND(0.40)	ND(0.37)	ND(0.40)	ND(4.2) [ND(0.40)]
1,4-Dichlorobenzene	ND(0.40)	ND(0.37)	ND(0.40)	ND(4.2) [ND(0.40)]
2-Methylnaphthalene	ND(0.40)	ND(0.37)	ND(0.40)	ND(4.2) [0.35 J]
3&4-Methylphenol	ND(0.80)	ND(0.75)	ND(0.80)	ND(4.2) [ND(0.80)]
Acenaphthene	0.047 J	0.14 J	0.12 J	ND(4.2) [1.0]
Acenaphthylene	0.12 J	0.20 J	0.045 J	ND(4.2) [0.30 J]
Anthracene	0.18 J	0.50	0.13 J	ND(4.2) [2.4]
Benzo(a)anthracene	0.62	2.0	0.44	1.4 J [4.3]
Benzo(a)pyrene	0.65	1.8	0.38 J	1.7 J [3.5]
Benzo(b)fluoranthene	0.55	1.5	0.37 J	1.1 J [2.6]
Benzo(g,h,i)perylene	0.40 J	0.95	0.24 J	0.97 J [1.9]
Benzo(k)fluoranthene	0.56	1.6	0.38 J	1.6 J [3.1]
bis(2-Ethylhexyl)phthalate	ND(0.40)	ND(0.37)	0.56	ND(2.1) [ND(0.40)]
Butylbenzylphthalate	ND(0.40)	ND(0.37)	0.80	ND(4.2) [ND(0.40)]
Chrysene	0.65	2.0	0.46	1.5 J [4.1]
Dibenzo(a,h)anthracene	0.076 J	0.32 J	0.087 J	ND(4.2) [0.40 J]
Dibenzofuran	0.041 J	0.064 J	0.057 J	ND(4.2) [0.70]
Di-n-Butylphthalate	0.067 J	ND(0.37)	0.15 J	ND(4.2) [ND(0.40)]
Fluoranthene	1.2	3.6	0.91	2.2 J [8.5]
Fluorene	0.051 J	0.12 J	0.081 J	ND(4.2) [1.2]
Indeno(1,2,3-cd)pyrene	0.37 J	0.87	0.21 J	0.53 J [1.6]
Naphthalene	0.084 J	0.053 J	ND(0.40)	ND(4.2) [0.66]
N-Nitrosodiphenylamine	0.086 J	ND(0.37)	ND(0.40)	ND(4.2) [ND(0.40)]
Phenanthrene	0.76	2.0	0.70	1.0 J [8.9]
Phenol	ND(0.40)	ND(0.37)	ND(0.40)	ND(4.2) [ND(0.40)]
Pyrene	1.2	3.8	0.83	2.6 J [7.7]

TABLE 20-2
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	I9-9-25-SB-8 0-1 03/11/05	I9-9-25-SB-8 1-3 03/11/05	I9-9-25-SB-9 0-1 03/11/05	I9-9-25-SB-9 3-6 03/11/05
Furans				
2,3,7,8-TCDF	0.000021 Y	0.000017 Y	0.000010 Y	0.000013 Y [0.000047 Y]
TCDFs (total)	0.00011	0.00015	0.000075	0.00012 [0.00034]
1,2,3,7,8-PeCDF	0.000015	0.000010	0.0000039 J	0.0000068 [0.000019]
2,3,4,7,8-PeCDF	0.0000072	0.000014	0.0000051 J	0.0000097 [0.000029]
PeCDFs (total)	0.000089	0.00012	0.000057	0.00012 [0.00021]
1,2,3,4,7,8-HxCDF	0.000010	0.000023	0.0000060	0.000016 I [0.000043 I]
1,2,3,6,7,8-HxCDF	0.0000066	0.000013	0.0000049 J	0.000011 I [0.000024]
1,2,3,7,8,9-HxCDF	ND(0.00000025)	ND(0.00000033)	ND(0.00000048)	ND(0.00000044) [ND(0.00000095)]
2,3,4,6,7,8-HxCDF	0.0000063	0.000012	0.0000050 J	0.0000079 [0.000019]
HxCDFs (total)	0.00012	0.00018	0.000096	0.00014 [0.00036]
1,2,3,4,6,7,8-HpCDF	0.000018	0.000055	0.000013	0.000032 [0.000068]
1,2,3,4,7,8,9-HpCDF	ND(0.0000026)	0.0000045 J	ND(0.0000018)	0.0000045 J [0.000011]
HpCDFs (total)	0.000040	0.000084	0.000029	0.000056 [0.00014]
OCDF	0.000011 J	0.000023	0.000010 J	0.000020 [0.000045]
Dioxins				
2,3,7,8-TCDD	ND(0.00000023)	ND(0.00000030)	ND(0.00000029)	ND(0.00000035) [ND(0.00000054)]
TCDDs (total)	0.0000015	0.0000053	0.00000067	0.0000031 [0.0000090]
1,2,3,7,8-PeCDD	ND(0.00000053)	ND(0.0000011)	ND(0.00000056)	ND(0.00000090) [ND(0.0000022)]
PeCDDs (total)	ND(0.0000012)	ND(0.0000024)	ND(0.0000020)	ND(0.0000016) [ND(0.0000031)]
1,2,3,4,7,8-HxCDD	ND(0.00000047)	ND(0.00000093)	ND(0.00000063)	ND(0.00000067) [ND(0.0000010)]
1,2,3,6,7,8-HxCDD	ND(0.0000013)	ND(0.0000015)	ND(0.00000087)	ND(0.0000010) [ND(0.0000022)]
1,2,3,7,8,9-HxCDD	ND(0.0000013)	ND(0.0000022)	ND(0.00000086)	ND(0.0000013) [ND(0.0000020)]
HxCDDs (total)	0.0000047	0.000011	0.0000030	0.0000039 [0.000023]
1,2,3,4,6,7,8-HpCDD	0.000011	0.0000069	0.000011	0.0000053 J [0.000011]
HpCDDs (total)	0.000021	0.000015	0.000021	0.000010 [0.000024]
OCDD	0.000059	0.000020	0.000078	0.000015 [0.000031]
Total TEQs (WHO TEFs)	0.0000096	0.000016	0.0000062	0.000011 [0.000031]
Inorganics				
Antimony	1.20 B	0.950 B	ND(6.00)	1.40 B [1.50 B]
Arsenic	7.50	7.60	3.10	7.70 [8.20]
Barium	48.0	42.0	32.0	60.0 [51.0]
Beryllium	0.310 B	0.200 B	0.250 B	0.520 [0.340 B]
Cadmium	0.590	0.330 B	0.210 B	0.440 B [0.530]
Chromium	12.0	8.30	11.0	11.0 [10.0]
Cobalt	11.0	8.20	6.10	8.60 [8.80]
Copper	93.0	160	18.0	53.0 [79.0]
Cyanide	0.110 B	0.120 B	ND(0.240)	0.110 B [ND(0.240)]
Lead	100	64.0	34.0	130 [120]
Mercury	0.260	0.0990 B	0.0780 B	0.110 B [0.160]
Nickel	18.0	14.0	16.0	16.0 [26.0]
Selenium	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00) [ND(1.00)]
Silver	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00) [ND(1.00)]
Sulfide	17.0	18.0	ND(6.00)	20.0 [21.0]
Thallium	5.20	4.00	2.50	2.60 [3.60]
Tin	13.0	9.60 B	5.70 B	18.0 [13.0]
Vanadium	12.0	8.00	9.00	20.0 [12.0]
Zinc	170	150	100	170 [250]

TABLE 20-2
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	I9-9-25-SB-9 4-6 03/11/05	I9-9-30-SB-8 0-1 03/11/05	I9-9-30-SB-8 1-3 03/11/05	I9-9-30-SB-12 0-1 03/11/05
Volatile Organics				
1,2,3-Trichloropropane	ND(0.0058) [ND(0.0059)]	ND(0.0056)	ND(0.0061)	ND(0.0057)
2-Butanone	ND(0.012) [ND(0.012)]	ND(0.011)	ND(0.012)	ND(0.011)
Acetone	ND(0.023) [ND(0.024)]	ND(0.022)	ND(0.024)	ND(0.023)
Benzene	ND(0.0058) [ND(0.0059)]	ND(0.0056)	ND(0.0061)	ND(0.0057)
Carbon Disulfide	0.0065 [ND(0.0059)]	ND(0.0056)	ND(0.0061)	ND(0.0057)
Chlorobenzene	ND(0.0058) [ND(0.0059)]	ND(0.0056)	ND(0.0061)	ND(0.0057)
Chloroform	ND(0.0058) [ND(0.0059)]	ND(0.0056)	ND(0.0061)	ND(0.0057)
Chloromethane	ND(0.0058) [ND(0.0059)]	ND(0.0056)	ND(0.0061)	ND(0.0057)
Dichlorodifluoromethane	ND(0.0058) [ND(0.0059)]	ND(0.0056)	ND(0.0061)	ND(0.0057)
Ethylbenzene	ND(0.0058) [ND(0.0059)]	ND(0.0056)	ND(0.0061)	ND(0.0057)
Isobutanol	ND(0.12) [ND(0.12)]	ND(0.11)	ND(0.12)	ND(0.11)
Methylene Chloride	ND(0.0058) [ND(0.0059)]	0.0080	ND(0.0061)	ND(0.0057)
Styrene	ND(0.0058) [ND(0.0059)]	ND(0.0056)	ND(0.0061)	ND(0.0057)
Toluene	ND(0.0058) [ND(0.0059)]	ND(0.0056)	ND(0.0061)	ND(0.0057)
Trichlorofluoromethane	ND(0.0058) [ND(0.0059)]	ND(0.0056)	ND(0.0061)	ND(0.0057)
Xylenes (total)	ND(0.0058) [ND(0.0059)]	ND(0.0056)	ND(0.0061)	ND(0.0057)
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	NA	ND(0.38)	ND(4.1)	ND(3.8)
1,2,4-Trichlorobenzene	NA	ND(0.38)	ND(4.1)	ND(3.8)
1,3-Dichlorobenzene	NA	ND(0.38)	ND(4.1)	ND(3.8)
1,4-Dichlorobenzene	NA	ND(0.38)	ND(4.1)	ND(3.8)
2-Methylnaphthalene	NA	ND(0.38)	ND(4.1)	ND(3.8)
3&4-Methylphenol	NA	ND(0.75)	ND(4.1)	ND(3.8)
Acenaphthene	NA	ND(0.38)	ND(4.1)	ND(3.8)
Acenaphthylene	NA	ND(0.38)	0.59 J	0.43 J
Anthracene	NA	ND(0.38)	0.45 J	ND(3.8)
Benzo(a)anthracene	NA	ND(0.38)	2.3 J	0.69 J
Benzo(a)pyrene	NA	ND(0.38)	2.7 J	0.82 J
Benzo(b)fluoranthene	NA	ND(0.38)	2.3 J	0.68 J
Benzo(g,h,i)perylene	NA	ND(0.38)	1.5 J	ND(3.8)
Benzo(k)fluoranthene	NA	ND(0.38)	2.4 J	0.57 J
bis(2-Ethylhexyl)phthalate	NA	0.36 J	4.1	ND(1.9)
Butylbenzylphthalate	NA	ND(0.38)	ND(4.1)	ND(3.8)
Chrysene	NA	ND(0.38)	2.4 J	0.71 J
Dibenzo(a,h)anthracene	NA	ND(0.38)	0.41 J	ND(3.8)
Dibenzofuran	NA	ND(0.38)	ND(4.1)	ND(3.8)
Di-n-Butylphthalate	NA	ND(0.38)	ND(4.1)	ND(3.8)
Fluoranthene	NA	ND(0.38)	4.0 J	1.0 J
Fluorene	NA	ND(0.38)	ND(4.1)	ND(3.8)
Indeno(1,2,3-cd)pyrene	NA	ND(0.38)	1.4 J	0.42 J
Naphthalene	NA	ND(0.38)	ND(4.1)	ND(3.8)
N-Nitrosodiphenylamine	NA	ND(0.38)	ND(4.1)	ND(3.8)
Phenanthrene	NA	ND(0.38)	1.8 J	0.44 J
Phenol	NA	ND(0.38)	ND(4.1)	ND(3.8)
Pyrene	NA	ND(0.38)	4.2	1.0 J

TABLE 20-2
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	I9-9-25-SB-9 4-6 03/11/05	I9-9-30-SB-8 0-1 03/11/05	I9-9-30-SB-8 1-3 03/11/05	I9-9-30-SB-12 0-1 03/11/05
Furans				
2,3,7,8-TCDF	NA	0.0000023 Y	0.000034 Y	0.000027 Y
TCDFs (total)	NA	0.000023	0.00024	0.00025
1,2,3,7,8-PeCDF	NA	ND(0.0000012)	0.000011	0.000015
2,3,4,7,8-PeCDF	NA	ND(0.0000017)	0.000018	0.000024
PeCDFs (total)	NA	0.000022	0.00029	0.00052
1,2,3,4,7,8-HxCDF	NA	ND(0.0000022)	0.000017	0.000044 I
1,2,3,6,7,8-HxCDF	NA	ND(0.0000019)	0.000021	0.000037 I
1,2,3,7,8,9-HxCDF	NA	ND(0.00000037)	ND(0.00000052)	ND(0.00000093)
2,3,4,6,7,8-HxCDF	NA	ND(0.0000019)	0.000022	0.000038
HxCDFs (total)	NA	0.000027	0.00051	0.0010
1,2,3,4,6,7,8-HpCDF	NA	0.0000051 J	0.000054	0.000090
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000056)	0.0000057 J	0.000014
HpCDFs (total)	NA	0.000012	0.00015	0.00025
OCDF	NA	ND(0.0000056)	0.000057	0.000055
Dioxins				
2,3,7,8-TCDD	NA	ND(0.00000032)	0.00000077 J	ND(0.00000053)
TCDDs (total)	NA	ND(0.00000032)	0.0000042	0.0000070
1,2,3,7,8-PeCDD	NA	ND(0.00000047)	ND(0.0000015)	ND(0.0000024)
PeCDDs (total)	NA	ND(0.00000047)	ND(0.0000027)	0.0000032
1,2,3,4,7,8-HxCDD	NA	ND(0.00000036)	ND(0.00000095)	ND(0.0000012)
1,2,3,6,7,8-HxCDD	NA	ND(0.00000040)	0.0000051 J	0.0000038 J
1,2,3,7,8,9-HxCDD	NA	ND(0.00000033)	ND(0.0000027)	ND(0.0000028)
HxCDDs (total)	NA	ND(0.0000010)	0.000036	0.000034
1,2,3,4,6,7,8-HpCDD	NA	0.0000056 J	0.000085	0.000030
HpCDDs (total)	NA	0.000010	0.00018	0.000062
OCDD	NA	0.000047	0.0011	0.00027
Total TEQs (WHO TEFs)	NA	0.0000016	0.000023	0.000031
Inorganics				
Antimony	NA	5.10 B	2.00 B	1.00 B
Arsenic	NA	2.20	5.00	4.80
Barium	NA	70.0	55.0	40.0
Beryllium	NA	0.230 B	0.320 B	0.310 B
Cadmium	NA	0.270 B	0.430 B	0.280 B
Chromium	NA	8.90	14.0	9.50
Cobalt	NA	6.40	10.0	7.70
Copper	NA	13.0	30.0	39.0
Cyanide	NA	ND(0.110)	0.0930 B	0.0780 B
Lead	NA	9.70	73.0	59.0
Mercury	NA	ND(0.110)	0.120 B	0.260
Nickel	NA	11.0	22.0	14.0
Selenium	NA	ND(1.00)	ND(1.00)	0.650 B
Silver	NA	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	NA	18.0	12.0	28.0
Thallium	NA	2.50	3.90	3.70
Tin	NA	4.80 B	7.30 B	5.40 B
Vanadium	NA	15.0	16.0	37.0
Zinc	NA	27.0	110	62.0

TABLE 20-2
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	I9-9-30-SB-12 3-6 03/11/05	I9-9-30-SB-12 4-6 03/11/05	I9-10-8-SB-9 1-3 03/08/05	I9-10-8-SB-12 0-1 03/08/05	I9-10-8-SB-12 3-5 03/08/05
Volatile Organics					
1,2,3-Trichloropropane	NA	ND(0.0067)	NA	ND(0.0068)	ND(0.0065)
2-Butanone	NA	ND(0.013)	NA	ND(0.014)	ND(0.013)
Acetone	NA	ND(0.027)	NA	ND(0.027)	ND(0.026)
Benzene	NA	ND(0.0067)	NA	ND(0.0068)	ND(0.0065)
Carbon Disulfide	NA	0.0085	NA	ND(0.0068)	ND(0.0065)
Chlorobenzene	NA	ND(0.0067)	NA	ND(0.0068)	ND(0.0065)
Chloroform	NA	ND(0.0067)	NA	ND(0.0068)	ND(0.0065)
Chloromethane	NA	ND(0.0067)	NA	ND(0.0068)	ND(0.0065)
Dichlorodifluoromethane	NA	ND(0.0067)	NA	ND(0.0068)	ND(0.0065)
Ethylbenzene	NA	ND(0.0067)	NA	ND(0.0068)	ND(0.0065)
Isobutanol	NA	ND(0.13)	NA	ND(0.14)	ND(0.13)
Methylene Chloride	NA	0.012	NA	ND(0.0068)	ND(0.0065)
Styrene	NA	ND(0.0067)	NA	ND(0.0068)	ND(0.0065)
Toluene	NA	ND(0.0067)	NA	ND(0.0068)	ND(0.0065)
Trichlorofluoromethane	NA	0.0073	NA	ND(0.0068)	ND(0.0065)
Xylenes (total)	NA	ND(0.0067)	NA	ND(0.0068)	ND(0.0065)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.41)	NA	ND(7.2)	ND(0.45)	ND(4.4)
1,2,4-Trichlorobenzene	ND(0.41)	NA	ND(7.2)	ND(0.45)	ND(4.4)
1,3-Dichlorobenzene	ND(0.41)	NA	ND(7.2)	ND(0.45)	ND(4.4)
1,4-Dichlorobenzene	ND(0.41)	NA	ND(7.2)	ND(0.45)	ND(4.4)
2-Methylnaphthalene	ND(0.41)	NA	ND(7.2)	ND(0.45)	ND(4.4)
3&4-Methylphenol	ND(0.82)	NA	ND(7.2)	ND(0.91)	ND(4.4)
Acenaphthene	ND(0.41)	NA	15	ND(0.45)	ND(4.4)
Acenaphthylene	ND(0.41)	NA	1.6 J	0.19 J	ND(4.4)
Anthracene	ND(0.41)	NA	2.0 J	0.14 J	ND(4.4)
Benzo(a)anthracene	0.078 J	NA	6.2 J	0.59	0.80 J
Benzo(a)pyrene	0.073 J	NA	6.4 J	0.57	0.83 J
Benzo(b)fluoranthene	0.073 J	NA	5.4 J	0.47	0.79 J
Benzo(g,h,i)perylene	0.047 J	NA	4.2 J	0.32 J	ND(4.4)
Benzo(k)fluoranthene	0.085 J	NA	6.2 J	0.59	0.76 J
bis(2-Ethylhexyl)phthalate	ND(0.41)	NA	ND(3.6)	1.1	ND(2.2)
Butylbenzylphthalate	ND(0.41)	NA	ND(7.2)	ND(0.45)	ND(4.4)
Chrysene	0.11 J	NA	8.0	0.67	0.94 J
Dibenzo(a,h)anthracene	ND(0.41)	NA	0.76 J	0.068 J	ND(4.4)
Dibenzofuran	ND(0.41)	NA	ND(7.2)	ND(0.45)	ND(4.4)
Di-n-Butylphthalate	ND(0.41)	NA	ND(7.2)	ND(0.45)	ND(4.4)
Fluoranthene	0.16 J	NA	13	1.2	1.6 J
Fluorene	ND(0.41)	NA	1.2 J	0.046 J	ND(4.4)
Indeno(1,2,3-cd)pyrene	ND(0.41)	NA	3.1 J	0.26 J	ND(4.4)
Naphthalene	ND(0.41)	NA	ND(7.2)	ND(0.45)	ND(4.4)
N-Nitrosodiphenylamine	ND(0.41)	NA	ND(7.2)	ND(0.45)	ND(4.4)
Phenanthrene	0.081 J	NA	6.3 J	0.64	0.78 J
Phenol	ND(0.41)	NA	ND(7.2)	ND(0.45)	ND(4.4)
Pyrene	0.15 J	NA	16	1.2	1.9 J

TABLE 20-2
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Parameter / Sample ID / Sample Depth (Feet) / Date Collected:	I9-9-30-SB-12 3-6 03/11/05	I9-9-30-SB-12 4-6 03/11/05	I9-10-8-SB-9 1-3 03/08/05	I9-10-8-SB-12 0-1 03/08/05	I9-10-8-SB-12 3-5 03/08/05
Furans					
2,3,7,8-TCDF	0.0000073 Y	NA	NA	0.00064 Y	0.000061 Y
TCDFs (total)	0.00013	NA	NA	0.0022	0.00062
1,2,3,7,8-PeCDF	0.000010	NA	NA	0.00018	0.000012
2,3,4,7,8-PeCDF	0.000014	NA	NA	0.00058	0.000019
PeCDFs (total)	0.00013	NA	NA	0.0027	0.00041
1,2,3,4,7,8-HxCDF	0.000024	NA	NA	0.00018	0.000040
1,2,3,6,7,8-HxCDF	0.000017	NA	NA	0.000096	0.000024 I
1,2,3,7,8,9-HxCDF	ND(0.00000063)	NA	NA	0.0000051 J	ND(0.00000086)
2,3,4,6,7,8-HxCDF	0.000017	NA	NA	0.00013	0.000013
HxCDFs (total)	0.00014	NA	NA	0.0011	0.00045
1,2,3,4,6,7,8-HpCDF	0.000069	NA	NA	0.000092	0.00011
1,2,3,4,7,8,9-HpCDF	0.0000053 J	NA	NA	0.000012	0.000014
HpCDFs (total)	0.000092	NA	NA	0.00017	0.00026
OCDF	0.000035	NA	NA	0.000045	0.00012
Dioxins					
2,3,7,8-TCDD	0.00000087 J	NA	NA	0.0000024	ND(0.00000051)
TCDDs (total)	0.000029	NA	NA	0.000049	0.0000088
1,2,3,7,8-PeCDD	0.0000040 J	NA	NA	0.000010	ND(0.0000027)
PeCDDs (total)	0.000035	NA	NA	0.000072	ND(0.000012)
1,2,3,4,7,8-HxCDD	0.0000032 J	NA	NA	0.0000077	ND(0.0000021)
1,2,3,6,7,8-HxCDD	0.0000042 J	NA	NA	0.000018	0.0000073
1,2,3,7,8,9-HxCDD	0.0000044 J	NA	NA	0.000014	0.0000050 J
HxCDDs (total)	0.000059	NA	NA	0.00017	0.000063
1,2,3,4,6,7,8-HpCDD	0.000021	NA	NA	0.00021	0.00018
HpCDDs (total)	0.000043	NA	NA	0.00037	0.00035
OCDD	0.000028	NA	NA	0.00067	0.0017
Total TEQs (WHO TEFs)	0.000021	NA	NA	0.00042	0.000030
Inorganics					
Antimony	ND(6.00)	NA	NA	1.20 B	0.940 B
Arsenic	14.0	NA	NA	7.00	8.50
Barium	78.0	NA	NA	39.0	260
Beryllium	0.300 B	NA	NA	0.220 B	0.430 B
Cadmium	ND(0.500)	NA	NA	0.770	0.790
Chromium	9.10	NA	NA	8.00	19.0
Cobalt	5.80	NA	NA	5.30	9.30
Copper	24.0	NA	NA	22.0	52.0
Cyanide	0.0930 B	NA	NA	0.140 B	0.210
Lead	170	NA	NA	180	790
Mercury	0.270	NA	NA	0.840	0.260
Nickel	12.0	NA	NA	13.0	18.0
Selenium	ND(1.00)	NA	NA	4.20	1.50
Silver	0.670 B	NA	NA	0.240 B	0.580 B
Sulfide	ND(6.20)	NA	NA	24.0	210
Thallium	2.20	NA	NA	ND(1.40)	ND(1.30)
Tin	7.70 B	NA	NA	6.60 B	8.80 B
Vanadium	17.0	NA	NA	11.0	15.0
Zinc	86.0	NA	NA	140	280

TABLE 20-2
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	I9-10-8-SB-12 7-9 03/08/05	I9-10-8-SB-16 0-1 03/09/05	I9-10-8-SB-16 1-3 03/09/05	I9-10-8-SB-16 9-11 03/09/05
Volatile Organics					
1,2,3-Trichloropropane		ND(0.0061)	ND(0.0066)	ND(0.0077)	ND(0.014)
2-Butanone		ND(0.012)	ND(0.013)	ND(0.015)	ND(0.028)
Acetone		ND(0.024)	ND(0.026)	ND(0.031)	0.19
Benzene		ND(0.0061)	ND(0.0066)	ND(0.0077)	ND(0.014)
Carbon Disulfide		ND(0.0061)	ND(0.0066)	ND(0.0077)	0.0091 J
Chlorobenzene		ND(0.0061)	ND(0.0066)	ND(0.0077)	ND(0.014)
Chloroform		ND(0.0061)	ND(0.0066)	ND(0.0077)	ND(0.014)
Chloromethane		ND(0.0061)	ND(0.0066)	ND(0.0077)	ND(0.014)
Dichlorodifluoromethane		ND(0.0061)	ND(0.0066)	ND(0.0077)	ND(0.014)
Ethylbenzene		ND(0.0061)	ND(0.0066)	ND(0.0077)	ND(0.014)
Isobutanol		ND(0.12)	0.14	ND(0.15)	ND(0.28)
Methylene Chloride		ND(0.0061)	ND(0.0066)	ND(0.0077)	ND(0.014)
Styrene		ND(0.0061)	ND(0.0066)	ND(0.0077)	ND(0.014)
Toluene		ND(0.0061)	ND(0.0066)	ND(0.0077)	ND(0.014)
Trichlorofluoromethane		ND(0.0061)	ND(0.0066)	ND(0.0077)	ND(0.014)
Xylenes (total)		ND(0.0061)	ND(0.0066)	ND(0.0077)	ND(0.014)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		ND(0.41)	ND(0.44)	ND(0.51)	ND(0.92)
1,2,4-Trichlorobenzene		ND(0.41)	ND(0.44)	ND(0.51)	ND(0.92)
1,3-Dichlorobenzene		ND(0.41)	ND(0.44)	ND(0.51)	ND(0.92)
1,4-Dichlorobenzene		ND(0.41)	ND(0.44)	ND(0.51)	ND(0.92)
2-Methylnaphthalene		ND(0.41)	ND(0.44)	ND(0.51)	ND(0.92)
3&4-Methylphenol		ND(0.82)	ND(0.88)	ND(1.0)	0.26 J
Acenaphthene		ND(0.41)	ND(0.44)	0.10 J	ND(0.92)
Acenaphthylene		ND(0.41)	ND(0.44)	0.055 J	0.14 J
Anthracene		0.060 J	ND(0.44)	0.048 J	0.17 J
Benzo(a)anthracene		0.13 J	0.088 J	0.16 J	0.32 J
Benzo(a)pyrene		0.10 J	0.090 J	0.18 J	0.40 J
Benzo(b)fluoranthene		0.093 J	0.087 J	0.19 J	0.32 J
Benzo(g,h,i)perylene		0.066 J	ND(0.44)	0.12 J	0.18 J
Benzo(k)fluoranthene		0.091 J	0.089 J	0.17 J	0.41 J
bis(2-Ethylhexyl)phthalate		ND(0.40)	ND(0.43)	0.46 J	ND(0.92)
Butylbenzylphthalate		ND(0.41)	ND(0.44)	ND(0.51)	ND(0.92)
Chrysene		0.11 J	0.094 J	0.17 J	0.45 J
Dibenzo(a,h)anthracene		ND(0.41)	ND(0.44)	ND(0.51)	ND(0.92)
Dibenzofuran		ND(0.41)	ND(0.44)	ND(0.51)	ND(0.92)
Di-n-Butylphthalate		ND(0.41)	ND(0.44)	ND(0.51)	ND(0.92)
Fluoranthene		0.19 J	0.17 J	0.34 J	0.63 J
Fluorene		ND(0.41)	ND(0.44)	ND(0.51)	0.12 J
Indeno(1,2,3-cd)pyrene		ND(0.41)	ND(0.44)	0.094 J	0.20 J
Naphthalene		0.12 J	ND(0.44)	ND(0.51)	0.25 J
N-Nitrosodiphenylamine		ND(0.41)	ND(0.44)	ND(0.51)	ND(0.92)
Phenanthrene		0.18 J	0.079 J	0.16 J	0.49 J
Phenol		ND(0.41)	ND(0.44)	ND(0.51)	ND(0.92)
Pyrene		0.21 J	0.17 J	0.32 J	0.85 J

TABLE 20-2
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Parameter / Sample ID / Sample Depth (Feet) / Date Collected:	I9-10-8-SB-12 7-9 03/08/05	I9-10-8-SB-16 0-1 03/09/05	I9-10-8-SB-16 1-3 03/09/05	I9-10-8-SB-16 9-11 03/09/05
Furans				
2,3,7,8-TCDF	0.0000017 Y	0.000090 Y	0.000093 Y	ND(0.0000033) X
TCDFs (total)	0.000020	0.00074	0.0012	0.000019
1,2,3,7,8-PeCDF	ND(0.00000091)	0.000038	0.000041	0.0000018 J
2,3,4,7,8-PeCDF	ND(0.00000069)	0.00011	0.00010	0.0000030 J
PeCDFs (total)	0.000013	0.00081	0.00094	0.000013 J
1,2,3,4,7,8-HxCDF	0.0000035 J	0.000053	0.00016	0.0000030 J
1,2,3,6,7,8-HxCDF	ND(0.0000021)	0.000034	0.000076	ND(0.0000018) X
1,2,3,7,8,9-HxCDF	ND(0.00000031)	ND(0.000010)	0.000031	ND(0.0000017)
2,3,4,6,7,8-HxCDF	ND(0.00000078)	0.000053	0.000060	ND(0.0000020) X
HxCDFs (total)	0.000019	0.00057	0.00089	0.000012 J
1,2,3,4,6,7,8-HpCDF	0.0000045 J	0.00012	0.00021	0.0000065 J
1,2,3,4,7,8,9-HpCDF	ND(0.0000014)	ND(0.0000089) X	0.000046	ND(0.0000013)
HpCDFs (total)	0.0000090	0.00020	0.00044	0.0000089 J
OCDF	ND(0.0000030)	0.000088	0.00013	0.0000055 J
Dioxins				
2,3,7,8-TCDD	ND(0.00000018)	ND(0.0000012) X	0.0000014 J	0.0000013 J
TCDDs (total)	ND(0.00000038)	0.000010	0.000037	0.0000013 J
1,2,3,7,8-PeCDD	ND(0.00000049)	ND(0.0000032) X	ND(0.0000034) X	ND(0.0000013)
PeCDDs (total)	ND(0.0000013)	0.000036	0.000056	0.0000015 J
1,2,3,4,7,8-HxCDD	ND(0.00000020)	0.0000031 J	0.0000038 J	ND(0.0000016)
1,2,3,6,7,8-HxCDD	ND(0.00000044)	0.0000089	0.000010	ND(0.0000014)
1,2,3,7,8,9-HxCDD	ND(0.00000051)	0.0000070 J	0.0000075	ND(0.0000015)
HxCDDs (total)	ND(0.0000015)	0.000084	0.00013	ND(0.0000015)
1,2,3,4,6,7,8-HpCDD	0.0000040 J	0.00011	0.00016	0.0000036 J
HpCDDs (total)	0.0000083	0.00020	0.00033	0.0000070 J
OCDD	0.000011 J	0.00070	0.0020	0.000019 J
Total TEQs (WHO TEFs)	0.0000014	0.000087	0.00010	0.0000046
Inorganics				
Antimony	ND(6.00)	5.40 B	5.00 B	3.50 B
Arsenic	4.40	7.60	9.20	7.30
Barium	24.0	1400	910	80.0
Beryllium	0.140 B	0.320 B	0.270 B	0.390 B
Cadmium	ND(0.500)	4.80	1.70	0.360 B
Chromium	8.70	50.0	25.0	20.0
Cobalt	7.20	8.80	9.60	7.30
Copper	17.0	66.0	82.0	120
Cyanide	ND(0.120)	0.570	0.640	0.680
Lead	30.0	1700	710	280
Mercury	0.0590 B	0.220	0.330	0.580
Nickel	15.0	20.0	23.0	18.0
Selenium	1.20	3.00	2.80	2.90
Silver	0.160 B	0.630 B	0.780 B	0.310 B
Sulfide	130	51.0	25.0	400
Thallium	ND(1.20)	ND(1.30)	ND(1.50)	ND(2.80)
Tin	4.10 B	22.0	16.0	36.0
Vanadium	6.90	24.0	17.0	12.0
Zinc	58.0	1100	750	180

TABLE 20-2
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2005

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

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

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

Inorganics

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

TABLE 20-3
PCB DATA RECEIVED DURING APRIL 2005

BUILDING 78 DECON WATER SAMPLING
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
78-F0459-WATER-1	4/8/2005	ND(0.000065)	0.0017	0.0012	0.0029

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 parentheses is the associated detection limit.

TABLE 20-4
DATA RECEIVED DURING APRIL 2005

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

Parameter / Sample ID: / Date Collected:	SL-BS-W1 03/22/05
Extractable Petroleum Hydrocarbons	
C11-C22 Aromatic Hydrocarbons	ND(0.20)
C19-C36 Aliphatic Hydrocarbons	ND(5.0)
C9-C18 Aliphatic Hydrocarbons	ND(1.0)
Volatile Petroleum Hydrocarbons	
C5-C8 Aliphatic Hydrocarbons	ND(0.40)
C9-C10 Aromatic Hydrocarbons	ND(0.20)
C9-C12 Aliphatic Hydrocarbons	ND(1.0)
Total Petroleum Hydrocarbons	ND(0.20)

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

ITEM 21
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
APRIL 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, including semi-annual groundwater and NAPL monitoring round.

- Conducted semi-annual riverbank inspection.

East Street Area 1-North and South:

- Continued automated groundwater and NAPL pumping at North Side and South Side Caissons. Recoverable quantities of LNAPL were not encountered in either Caisson in April.

- Installed and sampled six temporary piezometers in East Street Area 1-South pursuant to the November 2000 Administrative Consent Order executed with MDEP.

- Collected approximately 1.47 liters (0.39 gallon) of LNAPL from wells in this area in April.

East Street Area 2-South:

- Continued automated groundwater and LNAPL removal activities. A total of approximately 5,827,177 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 1,860 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 53 gallons of DNAPL from pumping system RW-3(X).

- Continued routine well monitoring and manual NAPL removal activities. Approximately 2.55 liters (0.67 gallon) of LNAPL were removed from wells in this area during April.

- Approximately 0.46 liter (0.12 gallon) of DNAPL was removed from well E2SC-03I 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 and to be checked during the upcoming month.

- Treated/discharged 5,932,247 gallons of water through 64G Groundwater Treatment Facility.

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

a. Activities Undertaken/Completed (cont'd)

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

- Developed and monitored three new LNAPL monitoring wells (GMA1-19, GMA1-20, and GMA1-21) in former Scrap Yard Area down gradient of wells GMA1-15 and GMA1-16 (see Item 21.f).

- Initiated LNAPL sampling and analysis activities at selected monitoring wells.

East Street Area 2-North:

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

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 April.

- Completed monitoring of LNAPL within the hydraulic piston cylinder of Building 43 elevator shaft on April 18, 2005 due to commencement of demolition activities; no recoverable quantities were encountered.

- 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 1.04 liters (0.27 gallon) of DNAPL were removed from wells in this area.

Newell Street Area II:

- Continued automated DNAPL recovery, with the collection of approximately 40.4 gallons of DNAPL from the automated collection systems.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 52.3 liters (13.8 gallons) of DNAPL were removed from wells in this area during April.

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

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

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 sampling and recovery testing at selected wells in East Street Area 2-South.
- Complete DNAPL recovery testing at Newell Street Area II.
- Decommission selected monitoring wells and submit proposal to upgrade DNAPL recovery systems at Newell Street Area II.
- Evaluate NAPL thickness and groundwater elevation data and initiate 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 newly installed monitoring well GMA1-19 during the initial monitoring round on April 18, 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 will be monitored on a weekly basis for a period of at least one month. GE will evaluate additional potential response actions and, if any are determined to be warranted, will submit a proposal for EPA approval.

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
April 2005

Caisson	Month	Vol. LNAPL Collected (gallon)	Vol. Water Recovered (gallon)	Percent Downtime
Northside	April 2004	1.0	29,100	
	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
Southside	April 2004	1.0	74,600	
	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

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
April 2005

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	April 2005 Removal (liters)
49	4/4/2005	4.62	4.61	0.01	0.006	0.012
	4/21/2005	4.99	4.98	0.01	0.006	
105	4/4/2005	6.63	5.65	0.98	0.123	0.246
	4/18/2005	7.07	6.95	0.12	0.123	
106	4/4/2005	7.00	6.22	0.78	0.481	0.962
	4/18/2005	7.31	7.04	0.27	0.481	
ES1-08	4/4/2005	4.00	3.82	0.18	0.028	0.028
76	4/4/2005	6.59	6.41	0.18	0.111	0.222
	4/21/2005	6.85	6.81	0.04	0.111	

Total Manual LNAPL Removal for April 2005: 1.470 liters
0.388 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
April 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									
25	1000.70	4/18/2005	5.39	---	0.00	---	14.87	0.00	995.31
49	999.90	4/4/2005	4.62	4.61	0.01	---	20.65	0.00	995.29
49	999.90	4/21/2005	4.99	4.98	0.01	---	20.60	0.00	994.92
52	999.26	4/21/2005	4.70	---	0.00	---	15.10	0.00	994.56
60R	1004.03	4/18/2005	10.16	---	0.00	---	19.12	0.00	993.87
105	1002.85	4/4/2005	6.63	5.65	0.98	---	17.38	0.00	997.13
105	1002.85	4/18/2005	7.07	6.95	0.12	---	17.40	0.00	995.89
106	1004.06	4/4/2005	7.00	6.22	0.78	---	12.48	0.00	997.79
106	1004.06	4/18/2005	7.31	7.04	0.27	---	12.52	0.00	997.00
107	1003.86	4/18/2005	6.95	---	0.00	---	17.75	0.00	996.91
108A	1007.79	4/18/2005	10.08	---	0.00	---	21.80	0.00	997.71
109A	1005.43	4/18/2005	8.00	---	0.00	---	20.62	0.00	997.43
118	1001.50	4/18/2005	4.00	---	0.00	---	7.03	0.00	997.50
120	1001.30	4/18/2005	Casing destroyed, well not available for measuring						NA
128	1001.41	4/18/2005	6.28	---	0.00	---	9.54	0.00	995.13
131	1001.18	4/4/2005	3.35	---	0.00	---	6.52	0.00	997.83
131	1001.18	4/22/2005	3.72	---	0.00	---	6.53	0.00	997.46
140	1000.30	4/18/2005	7.10	7.09	0.01	---	15.27	0.00	993.21
ES1-08	1000.85	4/4/2005	4.00	3.82	0.18	---	14.52	0.00	997.02
ES1-08	1000.85	4/18/2005	4.75	4.66	0.09	---	13.50	0.00	996.18
North Caisson	997.84	4/6/2005	18.25	18.24	0.01	---	19.80	0.00	979.60
North Caisson	997.84	4/13/2005	18.13	18.10	0.03	---	19.80	0.00	979.74
North Caisson	997.84	4/20/2005	18.11	18.10	0.01	---	19.80	0.00	979.74
North Caisson	997.84	4/29/2005	18.20	18.19	0.01	---	19.80	0.00	979.65
GMA 1 - East Street Area 1 - South									
31R	1,000.23	4/7/2005	8.44	---	0.00	---	15.06	0.00	991.79
31R	1000.23	4/21/2005	8.90	---	0.00	---	15.05	0.00	991.33
33	999.50	4/7/2005	4.40	---	0.00	---	21.35	0.00	995.10
33	999.50	4/21/2005	5.83	---	0.00	---	21.35	0.00	993.67
34	999.90	4/4/2005	4.77	---	0.00	---	21.05	0.00	995.13
34	999.90	4/21/2005	5.55	---	0.00	---	21.04	0.00	994.35
35	1000.15	4/4/2005	4.95	---	0.00	---	9.62	0.00	995.20
35	1000.15	4/21/2005	5.35	---	0.00	---	9.60	0.00	994.80
37R	988.79	4/7/2005	9.23	---	0.00	---	17.64	0.00	979.56
37R	988.79	4/20/2005	9.65	---	0.00	---	17.65	0.00	979.14
45	1000.10	4/4/2005	5.00	---	0.00	---	20.77	0.00	995.10
45	1000.10	4/21/2005	5.36	---	0.00	---	20.74	0.00	994.74
46	999.80	4/21/2005	5.78	---	0.00	---	17.28	0.00	994.02
72	1000.62	4/4/2005	5.44	---	0.00	---	21.95	0.00	995.18
72	1000.62	4/21/2005	6.35	---	0.00	---	21.99	0.00	994.27
72R	1,000.92	4/7/2005	5.45	---	0.00	---	13.30	0.00	995.47
72R	1000.92	4/21/2005	6.17	---	0.00	---	13.30	0.00	994.75
75	1000.65	4/21/2005	6.10	---	0.00	---	20.60	0.00	994.55
76	1000.45	4/4/2005	6.59	6.41	0.18	---	18.70	0.00	994.03
76	1000.45	4/21/2005	6.85	6.81	0.04	---	18.70	0.00	993.64

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
April 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)
78	997.61	4/20/2005	3.38	---	0.00	---	21.90	0.00	994.23
80	989.98	4/7/2005	Could not locate						NA
80	989.98	4/20/2005	5.24	---	0.00	---	24.74	0.00	984.74
89	993.89	4/7/2005	1.60	---	0.00	---	8.50	0.00	992.29
89	993.89	4/20/2005	2.90	---	0.00	---	8.89	0.00	990.99
90	987.65	4/7/2005	4.89	---	0.00	---	12.10	0.00	982.76
90	987.65	4/20/2005	5.78	---	0.00	---	12.11	0.00	981.87
139R	986.91	4/7/2005	7.29	---	0.00	---	14.18	0.00	979.62
139R	986.91	4/20/2005	9.72	---	0.00	---	14.16	0.00	977.19
ESA1S-PZ-A	NA	4/19/2005	10.19	---	0.00	---	16.01	0.00	NA
ESA1S-PZ-A	NA	4/26/2005	11.67	---	0.00	---	16.10	0.00	NA
ESA1S-PZ-B	NA	4/19/2005	9.07	---	0.00	---	16.08	0.00	NA
ESA1S-PZ-B	NA	4/26/2005	9.64	---	0.00	---	16.25	0.00	NA
ESA1S-PZ-C	NA	4/18/2005	7.12	---	0.00	---	14.40	0.00	NA
ESA1S-PZ-C	NA	4/25/2005	7.31	---	0.00	---	14.59	0.00	NA
ESA1S-PZ-D	NA	4/18/2005	7.25	---	0.00	---	16.18	0.00	NA
ESA1S-PZ-D	NA	4/25/2005	7.45	---	0.00	---	16.21	0.00	NA
ESA1S-PZ-E	NA	4/18/2005	7.26	---	0.00	---	14.65	0.00	NA
ESA1S-PZ-E	NA	4/26/2005	8.08	---	0.00	---	14.81	0.00	NA
ESA1S-PZ-F	NA	4/18/2005	6.29	---	0.00	---	14.98	0.00	NA
ESA1S-PZ-F	NA	4/25/2005	6.61	---	0.00	---	15.15	0.00	NA
ES1-13	999.93	4/7/2005	5.41	---	0.00	---	12.60	0.00	994.52
ES1-13	999.93	4/21/2005	6.05	---	0.00	---	9.78	0.00	993.88
ES1-23R	989.94	4/20/2005	4.15	---	0.00	---	16.09	0.00	985.79
ES1-24	990.61	4/7/2005	3.55	---	0.00	---	12.40	0.00	987.06
ES1-24	990.61	4/21/2005	4.30	---	0.00	---	12.30	0.00	986.31
GMA1-18	998.29	4/7/2005	3.63	---	0.00	---	13.56	0.00	994.66
GMA1-18	998.29	4/20/2005	5.90	---	0.00	---	13.58	0.00	992.39
GMA1-6	1000.44	4/20/2005	7.70	---	0.00	---	15.04	0.00	992.74
GMA1-7	985.81	4/7/2005	10.83	---	0.00	---	14.85	0.00	974.98
GMA1-7	985.81	4/20/2005	11.20	---	0.00	---	14.85	0.00	974.61
South Caisson	1001.11	4/6/2005	13.50	13.47	0.03	---	15.00	0.00	987.64
South Caisson	1001.11	4/13/2005	14.30	14.23	0.07	---	15.00	0.00	986.88
South Caisson	1001.11	4/20/2005	14.36	14.29	0.07	---	15.00	0.00	986.82
South Caisson	1001.11	4/29/2005	14.00	13.97	0.03	---	15.00	0.00	987.14

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
April 2005

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
40R	April 2004	0		
	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
64R	April 2004	975	705,000	
	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
64S System	April 2004	1,374	947,810	
	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
64V [1]	April 2004	1,598	1,212,000	
	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

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
April 2005

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64X	April 2004	0	388,800	
	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
RW-2(X)	April 2004	0	518,200	
	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
RW-1(S) [2]	April 2004	76	1,012,477	
	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 - Maintenance & Power
RW-1(X)	April 2004	0	387,100	
	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

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
April 2005

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
RW-3(X)	April 2004	79		
	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

Summary of Total Automated Removal		
Water:	**5,827,177**	**Gallons**
LNAPL:	**1,860**	**Gallons**
DNAPL:	**53**	**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
April 2005

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	April 2005 Removal (liters)
GMA1-19	4/18/2005	10.86	9.56	1.30	0.800	2.546
	4/19/2005	10.86	9.56	1.30	0.802	
	4/29/2005	11.48	9.95	1.53	0.944	

Total LNAPL Removal East Street Area 2 - South for April 2005: 2.546 liters
0.672 gallons

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

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

Total LNAPL Removal for April 2005: 2.546 liters
0.672 gallons

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

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
April 2005

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	April 2005 Removal (liters)
E2SC-03I	4/8/2005	7.02	33.26	12.89	0.463	0.463

Total DNAPL Removal East Street Area 2 - South for April 2005: 0.463 liters
0.122 gallons

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

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

Total DNAPL Removal for April 2005: 0.463 liters
0.122 gallons

Note:

1. ft BMP - feet Below Measuring Point.

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

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

Date	Housatonic River Discharge (gallons)	Recharge Pond Discharge (gallons)	Total Discharge (gallons)
April 2004	5,406,760	169,598	5,576,358
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

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
April 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)
20's Complex									
CC	998.84	4/18/2005	16.99	16.94	0.05	---	27.22	0.00	981.90
EE	1,004.27	4/18/2005	22.41	---	0.00	---	33.66	0.00	981.86
FF	1,005.70	4/18/2005	23.04	---	0.00	---	32.74	0.00	982.66
GG	1,007.40	4/18/2005	24.08	---	0.00	---	34.27	0.00	983.32
II	1,007.26	4/18/2005	24.65	24.28	0.37	---	31.70	0.00	982.95
JJ	1,006.38	4/18/2005	23.92	---	0.00	---	36.09	0.00	982.46
LL-R	1,010.39	4/18/2005	27.37	---	0.00	---	35.43	0.00	983.02
O-R	1,000.42	4/18/2005	14.63	---	0.00	---	21.69	0.00	985.79
P-R	1,005.01	4/18/2005	23.54	---	0.00	---	28.13	0.00	981.47
QQ-R	998.32	4/18/2005	16.62	---	0.00	---	28.13	0.00	981.70
U	998.89	4/18/2005	17.52	---	0.00	---	26.56	0.00	981.37
Y	1,002.86	4/18/2005	21.12	---	0.00	---	28.40	0.00	981.74
30's Complex									
95-15	986.38	4/5/2005	7.30	---	0.00	---	16.66	0.00	979.08
95-15	986.38	4/18/2005	7.42	---	0.00	---	16.62	0.00	978.96
95-16	1,007.65	4/18/2005	15.33	---	0.00	---	22.68	0.00	992.32
ES2-19	1,007.22	4/18/2005	13.31	---	0.00	---	18.61	0.00	993.91
GMA1-10	984.86	4/5/2005	5.80	---	0.00	---	19.74	0.00	979.06
GMA1-10	984.86	4/18/2005	6.51	---	0.00	---	19.70	0.00	978.35
GMA1-12	992.26	4/5/2005	15.40	---	0.00	---	22.11	0.00	976.86
GMA1-12	992.26	4/18/2005	15.90	---	0.00	---	22.15	0.00	976.36
RF-02	982.43	4/5/2005	3.95	---	0.00	---	18.30	0.00	978.48
RF-02	982.43	4/18/2005	4.87	---	0.00	---	18.30	0.00	977.56
RF-03	985.40	4/5/2005	8.81	---	0.00	---	18.42	0.00	976.59
RF-03	985.40	4/18/2005	9.60	---	0.00	---	18.45	0.00	975.80
RF-03D	985.31	4/5/2005	6.01	---	0.00	---	36.00	0.00	979.30
RF-03D	985.31	4/18/2005	6.61	---	0.00	---	36.00	0.00	978.70
RF-16	987.91	4/5/2005	8.45	---	0.00	---	20.73	0.00	979.46
RF-16	987.91	4/18/2005	8.64	---	0.00	---	20.74	0.00	979.27
40s Complex									
Bldg. 43 Elev.	NA	4/4/2005	27.89	27.88	0.01	---	61.69	0.00	NA
Bldg. 43 Elev.	NA	4/11/2005	27.79	27.78	0.01	---	61.69	0.00	NA
Bldg. 43 Elev.	NA	4/18/2005	28.31	28.30	0.01	---	61.69	0.00	NA
95-17	1,007.67	4/5/2005	24.02	---	0.00	---	28.50	0.00	983.65
95-17	1,007.67	4/19/2005	24.08	---	0.00	---	28.40	0.00	983.59
RF-4	1,011.99	4/5/2005	13.95	---	0.00	---	23.98	0.00	998.04
RF-4	1,011.99	4/19/2005	14.17	---	0.00	---	23.98	0.00	997.82
East Street Area 2 - North									
05-N	1,009.23	4/18/2005	23.90	---	0.00	---	27.75	0.00	985.33
11-N	1,010.85	4/18/2005	28.21	---	0.00	---	35.65	0.00	982.64
14-N	1,010.53	4/18/2005	23.65	23.40	0.25	---	30.40	0.00	987.11
16-N	1,010.65	4/18/2005	28.35	---	0.00	---	37.45	0.00	982.30
17A	1,023.86	4/18/2005	17.30	---	0.00	---	19.45	0.00	1,006.56

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
April 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)
17-N	1,010.49	4/18/2005	28.11	28.08	0.03	---	38.90	0.00	982.41
19-N	1,010.68	4/18/2005	28.90	---	0.00	---	36.19	0.00	981.78
20-N	1,010.66	4/18/2005	27.32	---	0.00	---	36.82	0.00	983.34
23-N	1,011.13	4/18/2005	28.46	28.45	0.01	---	38.35	0.00	982.68
24-N	1,010.50	4/18/2005	27.65	---	0.00	---	35.95	0.00	982.85
27-N	1,010.40	4/18/2005	24.54	---	0.00	---	38.85	0.00	985.86
95-12	1,010.20	4/18/2005	27.87	---	0.00	---	30.90	0.00	982.33
ES1-05	1,023.33	4/18/2005	37.77	---	0.00	---	44.25	0.00	985.56
ES1-18	1,049.71	4/18/2005	8.12	---	0.00	---	14.27	0.00	1,041.59
ES1-20	1,001.56	4/18/2005	Top of outer casing rusted/fused closed, unable to measure						NA
ES1-27R	1,023.19	4/18/2005	7.32	---	0.00	---	19.20	0.00	1,015.87
East Street Area 2 - South									
01R	992.72	4/18/2005	11.79	---	0.00	---	24.64	0.00	980.93
02	995.64	4/18/2005	15.77	15.70	0.07	---	23.35	0.00	979.94
05	996.10	4/18/2005	12.42	---	0.00	---	23.57	0.00	983.68
06	991.18	4/18/2005	12.35	---	0.00	---	23.63	0.00	978.83
09R	986.88	4/18/2005	12.18	---	0.00	---	19.55	0.00	974.70
10	987.95	4/18/2005	13.15	---	0.00	---	14.82	0.00	974.80
13	990.88	4/18/2005	16.55	16.08	0.47	---	22.45	0.00	974.77
14	991.61	4/18/2005	16.24	16.23	0.01	---	25.64	0.00	975.38
15R	989.23	4/18/2005	Decommissioned/Demolished						NA
16R	987.10	4/18/2005	11.99	---	0.00	---	26.46	0.00	975.11
19	983.59	4/18/2005	Beneath pile of piping, could not locate						NA
19	983.59	4/29/2005	10.00	---	0.00	---	19.85	0.00	973.59
25R	998.31	4/18/2005	22.99	18.32	4.67	---	30.83	0.00	979.66
26RR	1,000.58	4/18/2005	20.80	19.55	1.25	---	28.58	0.00	980.94
28	991.86	4/18/2005	12.93	---	0.00	---	21.69	0.00	978.93
29	991.59	4/18/2005	16.97	16.88	0.09	---	22.10	0.00	974.70
30	989.34	4/18/2005	11.60	---	0.00	---	20.42	0.00	977.74
31	990.60	4/18/2005	12.71	---	0.00	---	22.85	0.00	977.89
32	990.81	4/18/2005	12.42	---	0.00	---	16.72	0.00	978.39
34	982.54	4/18/2005	7.03	---	0.00	---	10.89	0.00	975.51
35	982.81	4/18/2005	6.34	---	0.00	---	12.15	0.00	976.47
36	983.02	4/18/2005	7.14	---	0.00	---	13.36	0.00	975.88
37	980.37	4/18/2005	4.79	---	0.00	---	12.20	0.00	975.58
38	980.77	4/18/2005	3.69	---	0.00	---	13.69	0.00	977.08
40R	991.60	4/6/2005	14.47	---	0.00	---	25.00	0.00	977.13
40R	991.60	4/13/2005	16.00	---	0.00	---	25.00	0.00	975.60
40R	991.60	4/20/2005	16.10	---	0.00	---	25.00	0.00	975.50
40R	991.60	4/29/2005	14.41	---	0.00	---	25.00	0.00	977.19
42	988.33	4/18/2005	10.90	---	0.00	---	18.74	0.00	977.43
43	989.67	4/18/2005	13.90	13.89	0.01	---	22.50	0.00	975.78
44	988.33	4/18/2005	11.10	---	0.00	---	19.00	0.00	977.23
47	991.09	4/18/2005	16.75	16.37	0.38	---	23.08	0.00	974.69
48	992.39	4/18/2005	14.93	14.50	0.43	---	22.70	0.00	977.86

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
April 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)
49R	988.71	4/6/2005	12.92	---	0.00	---	24.89	0.00	975.79
49R	988.71	4/18/2005	14.30	---	0.00	---	24.88	0.00	974.41
49RR	989.80	4/6/2005	14.13	---	0.00	---	23.00	0.00	975.67
49RR	989.80	4/18/2005	15.25	---	0.00	---	23.04	0.00	974.55
50	985.79	4/18/2005	9.45	9.24	0.21	---	23.46	0.00	976.54
51	985.38	4/18/2005	10.40	---	0.00	---	23.95	0.00	974.98
52	985.18	4/18/2005	10.60	---	0.00	---	23.93	0.00	974.58
53	986.90	4/19/2005	12.41	---	0.00	---	25.85	0.00	974.49
54	985.78	4/19/2005	11.80	---	0.00	---	25.60	0.00	973.98
55	989.45	4/18/2005	15.81	15.45	0.36	---	30.04	0.00	973.97
57	989.80	4/18/2005	10.75	---	0.00	---	27.20	0.00	979.05
58	985.79	4/18/2005	12.01	---	0.00	---	24.20	0.00	973.78
59	986.32	4/18/2005	13.62	---	0.00	---	25.90	0.00	972.70
64	984.98	4/18/2005	11.30	---	0.00	---	21.00	0.00	973.68
64R	993.37	4/6/2005	16.75	16.68	0.07	---	19.00	0.00	976.69
64R	993.37	4/13/2005	16.78	16.71	0.07	---	19.00	0.00	976.66
64R	993.37	4/20/2005	16.80	16.78	0.02	---	19.00	0.00	976.59
64R	993.37	4/29/2005	16.75	16.68	0.07	---	19.00	0.00	976.69
64S	984.48	4/6/2005	16.60	---	0.00	---	28.70	0.00	967.88
64S	984.48	4/13/2005	17.14	---	0.00	---	28.70	0.00	967.34
64S	984.48	4/20/2005	17.15	---	0.00	---	28.70	0.00	967.33
64S	984.48	4/29/2005	17.10	---	0.00	---	28.70	0.00	967.38
64S-Caisson	NA	4/6/2005	10.20	10.01	0.19	---	14.55	0.00	NA
64S-Caisson	NA	4/13/2005	10.06	9.50	0.56	---	14.55	0.00	NA
64S-Caisson	NA	4/20/2005	8.51	8.21	0.30	---	14.55	0.00	NA
64S-Caisson	NA	4/29/2005	10.20	9.90	0.30	---	14.55	0.00	NA
64V	987.29	4/6/2005	22.00	21.40	0.60	29.50	29.60	0.10	965.85
64V	987.29	4/13/2005	22.00	20.60	1.40	---	29.60	0.00	966.59
64V	987.29	4/20/2005	21.70	21.40	0.30	---	29.60	0.00	965.87
64V	987.29	4/29/2005	21.85	21.80	0.05	29.50	29.60	0.10	965.49
64X(N)	984.83	4/6/2005	9.40	9.39	0.01	---	15.85	0.00	975.44
64X(N)	984.83	4/13/2005	10.61	---	0.00	---	15.85	0.00	974.22
64X(N)	984.83	4/20/2005	10.60	P	< 0.01	---	15.85	0.00	974.23
64X(N)	984.83	4/29/2005	11.12	11.11	0.01	---	15.85	0.00	973.72
64X(S)	981.56	4/6/2005	12.29	P	< 0.01	---	23.82	0.00	969.27
64X(S)	981.56	4/13/2005	13.66	13.45	0.21	---	23.82	0.00	968.10
64X(S)	981.56	4/20/2005	13.45	P	< 0.01	---	23.82	0.00	968.11
64X(S)	981.56	4/29/2005	14.00	P	< 0.01	---	23.82	0.00	967.56
64X(W)	984.87	4/6/2005	15.50	15.48	0.02	---	24.35	0.00	969.39
64X(W)	984.87	4/13/2005	16.68	---	0.00	---	24.35	0.00	968.19
64X(W)	984.87	4/20/2005	16.68	16.67	0.01	---	24.35	0.00	968.20
64X(W)	984.87	4/29/2005	17.20	17.19	0.01	---	24.35	0.00	967.68
95-01	983.77	4/6/2005	7.45	---	0.00	---	17.20	0.00	976.32
95-01	983.77	4/18/2005	8.87	---	0.00	---	17.20	0.00	974.90

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
April 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)
95-04	988.70	4/18/2005	16.30	12.94	3.36	---	21.71	0.00	975.52
95-05	989.45	4/18/2005	14.45	14.44	0.01	---	20.08	0.00	975.01
95-07	994.91	4/18/2005	23.28	17.64	5.64	---	29.36	0.00	976.88
3-6C-EB-14	984.20	4/18/2005	9.69	---	0.00	---	21.63	0.00	974.51
3-6C-EB-22	986.94	4/6/2005	11.01	---	0.00	---	20.00	0.00	975.93
3-6C-EB-22	986.94	4/18/2005	12.33	---	0.00	---	20.04	0.00	974.61
3-6C-EB-25	986.31	4/18/2005	11.61	---	0.00	---	25.06	0.00	974.70
3-6C-EB-28	985.79	4/18/2005	11.26	---	0.00	---	24.54	0.00	974.53
E2SC-03I	982.12	4/8/2005	7.02	---	0.00	33.26	46.15	12.89	975.10
E2SC-03I	982.12	4/19/2005	8.37	---	0.00	32.52	45.45	12.93	973.75
E2SC-17	985.38	4/8/2005	9.62	---	0.00	---	48.36	0.00	975.76
E2SC-17	985.38	4/19/2005	11.08	---	0.00	48.64	48.68	0.04	974.30
E2SC-21	981.70	4/18/2005	7.70	---	0.00	---	11.98	0.00	974.00
E2SC-23	992.07	4/6/2005	14.91	---	0.00	---	21.15	0.00	977.16
E2SC-23	992.07	4/19/2005	15.50	---	0.00	---	21.15	0.00	976.57
E2SC-24	987.90	4/6/2005	12.82	---	0.00	---	21.61	0.00	975.08
E2SC-24	987.90	4/19/2005	13.65	---	0.00	---	21.60	0.00	974.25
ES2-01	985.36	4/19/2005	10.60	---	0.00	---	34.20	0.00	974.76
ES2-02A	979.63	4/18/2005	5.30	---	0.00	---	17.45	0.00	974.33
ES2-05	990.65	4/18/2005	15.47	---	0.00	---	24.32	0.00	975.18
ES2-06	986.00	4/19/2005	11.35	---	0.00	---	34.30	0.00	974.65
ES2-08	994.87	4/19/2005	19.15	---	0.00	---	24.85	0.00	975.72
ES2-09	991.25	4/18/2005	12.80	---	0.00	---	17.51	0.00	978.45
ES2-11	985.05	4/18/2005	9.40	---	0.00	---	19.58	0.00	975.65
ES2-16	986.88	4/18/2005	10.60	---	0.00	---	17.34	0.00	976.28
ES2-18	986.86	4/18/2005	12.24	---	0.00	---	21.84	0.00	974.62
GMA1-13	991.41	4/6/2005	15.40	---	0.00	---	27.16	0.00	976.01
GMA1-13	991.41	4/18/2005	16.80	---	0.00	---	27.16	0.00	974.61
GMA1-14	997.43	4/18/2005	17.26	---	0.00	---	23.52	0.00	980.17
GMA1-15	988.59	4/18/2005	14.70	13.96	0.74	---	17.84	0.00	974.58
GMA1-16	986.82	4/18/2005	12.36	11.91	0.45	---	20.01	0.00	974.88
GMA1-17E	993.03	4/6/2005	14.43	---	0.00	---	17.29	0.00	978.60
GMA1-17E	993.03	4/18/2005	14.25	---	0.00	---	17.31	0.00	978.78
GMA1-17W	992.63	4/18/2005	15.75	13.69	2.06	---	23.25	0.00	978.80
GMA1-19	984.28	4/6/2005	NM	NM	NM	NM	NM	NM	NA
GMA1-19	984.28	4/15/2005	NM	NM	NM	NM	NM	NM	NA
GMA1-19	984.28	4/18/2005	10.86	9.56	1.30	---	17.13	0.00	974.63
GMA1-19	984.28	4/19/2005	10.86	9.56	1.30	---	17.13	0.00	974.63
GMA1-19	984.28	4/29/2005	11.48	9.95	1.53	---	17.12	0.00	974.22
GMA1-20	983.49	4/18/2005	9.01	---	0.00	---	17.30	0.00	974.48
GMA1-20	983.49	4/29/2005	9.60	---	0.00	---	17.30	0.00	973.89
GMA1-21	985.68	4/18/2005	10.87	---	0.00	---	19.58	0.00	974.81
GMA1-21	985.68	4/29/2005	11.70	---	0.00	---	19.50	0.00	973.98
HR-C-RW-1	NA	4/19/2005	2.36	---	0.00	---	22.70	0.00	NA
HR-G1-MW-1	982.42	4/18/2005	9.31	---	0.00	---	20.28	0.00	973.11

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
April 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)
HR-G1-MW-2	980.23	4/18/2005	6.94	---	0.00	---	28.43	0.00	973.29
HR-G1-MW-3	980.21	4/18/2005	7.35	---	0.00	---	17.85	0.00	972.86
HR-G2-MW-1	982.60	4/6/2005	8.02	---	0.00	---	18.27	0.00	974.58
HR-G2-MW-1	982.60	4/18/2005	9.89	---	0.00	---	18.25	0.00	972.71
HR-G2-MW-2	981.39	4/6/2005	6.19	---	0.00	---	17.67	0.00	975.20
HR-G2-MW-2	981.39	4/18/2005	7.70	---	0.00	---	17.67	0.00	973.69
HR-G2-MW-3	987.14	4/6/2005	11.86	---	0.00	---	22.00	0.00	975.28
HR-G2-MW-3	987.14	4/18/2005	13.61	---	0.00	---	22.00	0.00	973.53
HR-G2-RW-1	976.88	4/18/2005	4.58	---	0.00	---	18.69	0.00	973.46
HR-G3-MW-1	982.45	4/18/2005	13.88	---	0.00	---	17.72	0.00	968.57
HR-G3-MW-2	987.88	4/18/2005	14.50	---	0.00	---	17.72	0.00	973.38
HR-G3-RW-1	977.78	4/18/2005	3.95	---	0.00	---	8.55	0.00	973.83
HR-J1-MW-1	985.95	4/18/2005	11.56	---	0.00	---	25.79	0.00	974.39
HR-J1-MW-2	983.56	4/18/2005	9.32	---	0.00	---	17.55	0.00	974.24
HR-J1-MW-3	987.68	4/18/2005	13.42	---	0.00	---	26.30	0.00	974.26
HR-J1-RW-1	975.05	4/18/2005	0.66	---	0.00	---	14.95	0.00	974.39
M-R	998.19	4/18/2005	17.51	17.50	0.01	---	29.22	0.00	980.69
P3	989.25	4/18/2005	4.90	---	0.00	---	13.13	0.00	984.35
PZ-1S	989.93	4/19/2005	15.70	---	0.00	---	20.28	0.00	974.23
PZ-6S	984.13	4/19/2005	10.15	---	0.00	---	13.23	0.00	973.98
RW-1(S)	987.23	4/6/2005	10.90	10.89	0.01	---	28.60	0.00	976.34
RW-1(S)	987.23	4/13/2005	18.70	---	0.00	P	28.60	< 0.01	968.53
RW-1(S)	987.23	4/20/2005	18.70	18.60	0.10	---	28.60	0.00	968.62
RW-1(S)	987.23	4/29/2005	19.10	19.07	0.03	---	28.60	0.00	968.16
RW-1(X)	982.68	4/6/2005	13.90	---	0.00	---	20.80	0.00	968.78
RW-1(X)	982.68	4/13/2005	13.95	---	0.00	---	20.80	0.00	968.73
RW-1(X)	982.68	4/20/2005	13.50	---	0.00	---	20.80	0.00	969.18
RW-1(X)	982.68	4/29/2005	14.06	---	0.00	---	20.80	0.00	968.62
RW-2(X)	985.96	4/6/2005	10.70	---	0.00	---	15.30	0.00	975.26
RW-2(X)	985.96	4/13/2005	11.90	---	0.00	---	15.30	0.00	974.06
RW-2(X)	985.96	4/20/2005	11.90	---	0.00	---	15.30	0.00	974.06
RW-2(X)	985.96	4/29/2005	12.40	---	0.00	---	15.30	0.00	973.56
RW-3(X)	980.28	4/6/2005	6.15	---	0.00	41.50	44.40	2.90	974.13
RW-3(X)	980.28	4/13/2005	7.20	---	0.00	41.60	44.40	2.80	973.08
RW-3(X)	980.28	4/20/2005	7.20	---	0.00	42.50	44.40	1.90	973.08
RW-3(X)	980.28	4/29/2005	7.93	---	0.00	42.18	44.40	2.22	972.35
TMP-1	992.74	4/18/2005	18.40	---	0.00	---	21.92	0.00	974.34
Housatonic River									
SG-HR-1	990.73	4/5/2005	16.42	See Note 7 regarding depth to water					974.31
SG-HR-1	990.73	4/6/2005	16.42	See Note 7 regarding depth to water					974.31
SG-HR-1	990.73	4/15/2005	18.80	See Note 7 regarding depth to water					971.93
SG-HR-1	990.73	4/20/2005	16.20	See Note 7 regarding depth to water					974.53
SG-HR-1	990.73	4/22/2005	16.10	See Note 7 regarding depth to water					974.63
SG-HR-1	990.73	4/29/2005	18.75	See Note 7 regarding depth to water					971.98

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
April 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 (Temp Mon Pt.)	NA	---	---	See Note 8 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. 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 data logger has been placed at this location. Data is collected and subsequently presented in the Semi-Annual GMA 1 Baseline Groundwater Monitoring Reports.

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
April 2005

Month / Year	Volume Water Pumped (gallon)	RW-1 DNAPL Recovered (gallon)	RW-1R LNAPL Recovered (gallon)	RW-3 LNAPL Recovered (gallon)
April 2003	518,782	--	--	10
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

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 approximately 1.72% downtime during April 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
April 2005

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	April 2005 Removal (liters)
LSSC-07	4/6/2005	7.95	23.86	1.22	0.753	1.025
	4/19/2005	8.25	24.92	0.16	0.099	
	4/29/2005	9.40	24.80	0.28	0.173	
LSSC-08I	4/29/2005	10.92	23.37	0.03	0.019	0.019

Total Manual DNAPL Removal for April 2005: 1.044 liters
0.275 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
April 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-04	987.98	4/19/2005	18.22	---	0.00	---	24.53	0.00	969.76
E-07	982.87	4/5/2005	4.30	---	0.00	---	19.73	0.00	978.57
EPA-01	983.04	4/5/2005	9.18	---	0.00	---	22.65	0.00	973.86
EPA-01	983.04	4/19/2005	8.20	---	0.00	---	22.65	0.00	974.84
LS-02	983.32	4/19/2005	8.70	---	0.00	---	17.34	0.00	974.62
LS-04	984.51	4/19/2005	10.86	---	0.00	17.73	18.14	0.41	973.65
LS-20	985.64	4/19/2005	11.20	---	0.00	---	17.32	0.00	974.44
LS-21	983.42	4/19/2005	9.60	9.34	0.26	---	12.48	0.00	974.06
LS-23	984.38	4/19/2005	11.14	10.70	0.44	---	15.30	0.00	973.65
LS-24	986.58	4/5/2005	11.30	---	0.00	---	15.30	0.00	975.28
LS-24	986.58	4/19/2005	12.20	---	0.00	---	15.30	0.00	974.38
LS-32	985.75	4/19/2005	12.50	---	0.00	---	22.62	0.00	973.25
LS-33	986.42	4/19/2005	12.78	---	0.00	---	20.55	0.00	973.64
LS-35	986.80	4/19/2005	13.65	13.10	0.55	---	21.65	0.00	973.66
LS-38	986.95	4/19/2005	13.44	---	0.00	25.03	25.05	0.02	973.51
LS-41	986.41	4/19/2005	14.40	---	0.00	---	22.68	0.00	972.01
LS-44	980.78	4/5/2005	6.70	---	0.00	---	24.80	0.00	974.08
LSSC-06	984.91	4/19/2005	9.77	9.73	0.04	---	19.38	0.00	975.18
LSSC-07	982.48	4/6/2005	7.95	---	0.00	23.86	25.08	1.22	974.53
LSSC-07	982.48	4/15/2005	9.40	---	0.00	24.65	25.08	0.43	973.08
LSSC-07	982.48	4/19/2005	8.25	---	0.00	24.92	25.08	0.16	974.23
LSSC-07	982.48	4/29/2005	9.40	---	0.00	24.80	25.08	0.28	973.08
LSSC-08I	983.13	4/6/2005	9.47	---	0.00	---	23.38	0.00	973.66
LSSC-08I	983.13	4/15/2005	11.11	---	0.00	---	23.39	0.00	972.02
LSSC-08I	983.13	4/19/2005	9.23	---	0.00	---	23.38	0.00	973.90
LSSC-08I	983.13	4/29/2005	10.92	---	0.00	23.37	23.40	0.03	972.21
LSSC-08S	983.11	4/5/2005	9.15	---	0.00	---	14.69	0.00	973.96
LSSC-08S	983.11	4/19/2005	8.55	---	0.00	---	14.68	0.00	974.56
LSSC-09	985.06	4/19/2005	11.54	---	0.00	---	19.25	0.00	973.52
LSSC-18	987.32	4/5/2005	11.42	---	0.00	---	18.57	0.00	975.90
LSSC-18	987.32	4/19/2005	12.90	---	0.00	---	18.58	0.00	974.42
LSSC-32	980.68	4/5/2005	6.31	---	0.00	---	35.25	0.00	974.37
LSSC-33	980.49	4/5/2005	6.09	---	0.00	---	29.75	0.00	974.40
LSSC-34I	984.74	4/19/2005	10.86	---	0.00	28.47	28.50	0.03	973.88
LSSC-34S	985.01	4/19/2005	10.53	---	0.00	---	17.02	0.00	974.48
MW-6R	985.14	4/5/2005	8.75	---	0.00	---	13.92	0.00	976.39
RW-1	984.88	4/6/2005	9.70	---	0.00	P	21.00	< 0.01	975.18
RW-1	984.88	4/13/2005	10.00	---	0.00	P	21.00	< 0.01	974.88
RW-1	984.88	4/20/2005	10.60	---	0.00	P	21.00	< 0.01	974.28
RW-1	984.88	4/29/2005	10.97	---	0.00	P	21.00	< 0.01	973.91
RW-1 (R)	985.07	4/6/2005	14.25	---	0.00	P	20.42	< 0.01	970.82
RW-1 (R)	985.07	4/13/2005	14.55	---	0.00	20.32	20.42	0.10	970.52
RW-1 (R)	985.07	4/20/2005	15.10	---	0.00	P	20.42	< 0.01	969.97
RW-1 (R)	985.07	4/29/2005	15.60	---	0.00	P	20.42	< 0.01	969.47

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
April 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-2	987.82	4/6/2005	13.10	---	0.00	---	21.75	0.00	974.72
RW-2	987.82	4/13/2005	13.10	---	0.00	---	21.75	0.00	974.72
RW-2	987.82	4/20/2005	12.95	---	0.00	---	21.75	0.00	974.87
RW-2	987.82	4/29/2005	15.90	---	0.00	---	21.75	0.00	971.92
RW-3	984.08	4/6/2005	15.40	15.20	0.20	---	21.57	0.00	968.87
RW-3	984.08	4/13/2005	16.65	16.60	0.05	---	21.57	0.00	967.48
RW-3	984.08	4/20/2005	16.68	16.52	0.16	---	21.57	0.00	967.55
RW-3	984.08	4/29/2005	15.60	15.55	0.05	---	21.57	0.00	968.53
Housatonic River (Lyman Street Bridge)									
BM-2A	986.32	4/5/2005	13.35	See Note 4 regarding depth to water					972.97
BM-2A	986.32	4/15/2005	15.10	See Note 4 regarding depth to water					971.22
BM-2A	986.32	4/20/2005	11.20	See Note 4 regarding depth to water					975.12
BM-2A	986.32	4/22/2005	11.92	See Note 4 regarding depth to water					974.40
BM-2A	986.32	4/29/2005	14.80	See Note 4 regarding depth to water					971.52

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
April 2005

Recovery System	Date	Total Gallons Recovered
System 1	April 2004	26.4
	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	8.8
	February 2005	13.2
	March 2005	17.3
	April 2005	24.2
System 2	April 2004	320.0
	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	157.2
	February 2005	126.9
	March 2005	16.2
	April 2005	16.2
Total Automated DNAPL Removal for April 2005:		**40.4 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 is included in the total volume removed.
4. All recovery wells were taken out of service for pump maintenance and DNAPL recovery testing on April 21, 2005. The wells remained offline for the remainder of the month.

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
April 2005

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	April 2005 Removal (liters)
N2SC-01I	4/25/2005	NM	38.42	3.18	2.500	17.952
	4/26/2005	NM	38.52	3.08	3.692	
	4/27/2005	NM	39.68	1.98	3.692	
	4/28/2005	NM	38.75	2.85	5.696	
	4/29/2005	NM	38.80	2.80	2.372	
N2SC-03I	4/25/2005	NM	37.60	3.07	2.550	8.723
	4/26/2005	NM	38.30	2.37	1.460	
	4/27/2005	NM	38.75	1.94	1.196	
	4/28/2005	NM	38.10	2.59	1.597	
	4/29/2005	NM	37.58	3.11	1.920	
N2SC-08	4/25/2005	NM	40.72	1.86	1.450	2.047
	4/26/2005	NM	41.87	0.73	0.450	
	4/27/2005	NM	42.43	0.14	0.080	
	4/28/2005	NM	42.50	0.08	0.049	
	4/29/2005	NM	42.55	0.03	0.018	
N2SC-14	4/25/2005	NM	38.52	1.74	4.500	21.597
	4/26/2005	NM	38.61	1.65	4.570	
	4/27/2005	NM	38.50	1.76	4.350	
	4/28/2005	NM	38.64	1.66	4.102	
	4/29/2005	NM	38.63	1.65	4.075	
NS-15	4/25/2005	NM	38.90	0.38	0.300	1.485
	4/26/2005	NM	39.09	0.21	0.725	
	4/27/2005	NM	39.20	0.12	0.215	
	4/28/2005	NM	39.25	0.11	0.165	
	4/29/2005	NM	39.24	0.18	0.080	
NS-30	4/25/2005	NM	38.36	0.10	0.100	0.137
	4/28/2005	NM	38.41	0.06	0.037	
NS-32	4/25/2005	NM	40.57	0.55	0.350	0.368
	4/27/2005	NM	41.12	0.02	0.012	
	4/28/2005	NM	41.09	0.01	0.006	

Total DNAPL Removal for April 2005: 52.309 liters
13.802 gallons

Notes:

1. ft BMP - feet Below Measuring Point.
2. NM indicates information not measured.
3. Data was collected during DNAPL recovery testing at selected wells between 4/25/05 and 4/29/05. The initial DNAPL depth and thickness measured each day are presented, along with the total volume of DNAPL removed during the day.

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
April 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)
GMA1-8	981.66	4/20/2005	7.50	---	0.00	---	16.20	0.00	974.16
GMA1-9	982.36	4/20/2005	7.60	---	0.00	---	14.45	0.00	974.76
MW-1D	987.20	4/20/2005	12.36	---	0.00	39.47	39.53	0.06	974.84
MW-1S	986.60	4/20/2005	11.80	---	0.00	25.20	25.27	0.07	974.80
N2SC-01I	984.99	4/25/2005	NM	---	0.00	38.42	41.60	3.18	NM
N2SC-01I	984.99	4/26/2005	NM	---	0.00	38.52	41.60	3.08	NM
N2SC-01I	984.99	4/27/2005	NM	---	0.00	39.68	41.66	1.98	NM
N2SC-01I	984.99	4/28/2005	NM	---	0.00	38.75	41.60	2.85	NM
N2SC-01I	984.99	4/29/2005	NM	---	0.00	38.80	41.60	2.80	NM
N2SC-02	985.56	4/20/2005	11.13	---	0.00	---	40.50	0.00	974.43
N2SC-03I	985.33	4/25/2005	NM	---	0.00	37.60	40.67	3.07	NM
N2SC-03I	985.33	4/26/2005	NM	---	0.00	38.30	40.67	2.37	NM
N2SC-03I	985.33	4/27/2005	NM	---	0.00	38.75	40.69	1.94	NM
N2SC-03I	985.33	4/28/2005	NM	---	0.00	38.10	40.69	2.59	NM
N2SC-03I	985.33	4/29/2005	NM	---	0.00	37.58	40.69	3.11	NM
N2SC-07	984.61	4/20/2005	10.40	---	0.00	38.10	38.15	0.05	974.21
N2SC-07S	982.93	4/20/2005	8.68	---	0.00	---	18.90	0.00	974.25
N2SC-08	986.07	4/20/2005	10.85	---	0.00	40.85	42.58	1.73	975.22
N2SC-08	986.07	4/25/2005	NM	---	0.00	40.72	42.58	1.86	NM
N2SC-08	986.07	4/26/2005	NM	---	0.00	41.87	42.60	0.73	NM
N2SC-08	986.07	4/27/2005	NM	---	0.00	42.43	42.57	0.14	NM
N2SC-08	986.07	4/28/2005	NM	---	0.00	42.50	42.58	0.08	NM
N2SC-08	986.07	4/29/2005	NM	---	0.00	42.55	42.58	0.03	NM
N2SC-09I	987.77	4/20/2005	12.55	---	0.00	---	43.53	0.00	975.22
N2SC-13I	984.75	4/20/2005	9.62	---	0.00	40.90	41.02	0.12	975.13
N2SC-13S	985.15	4/20/2005	8.00	---	0.00	---	16.37	0.00	977.15
N2SC-14	985.06	4/25/2005	NM	---	0.00	38.52	40.26	1.74	NM
N2SC-14	985.06	4/26/2005	NM	---	0.00	38.61	40.26	1.65	NM
N2SC-14	985.06	4/27/2005	NM	---	0.00	38.50	40.26	1.76	NM
N2SC-14	985.06	4/28/2005	NM	---	0.00	38.64	40.30	1.66	NM
N2SC-14	985.06	4/29/2005	NM	---	0.00	38.63	40.28	1.65	NM
N2SC-15	985.58	4/20/2005	10.40	---	0.00	---	41.15	0.00	975.18
N2SC-16	985.62	4/20/2005	10.86	---	0.00	---	41.90	0.00	974.76
N2SC-17	984.73	4/20/2005	10.05	---	0.00	---	37.15	0.00	974.68
NS-10	984.59	4/20/2005	8.90	8.70	0.20	---	19.20	0.00	975.88
NS-15	982.76	4/25/2005	NM	---	0.00	38.90	39.28	0.38	NM
NS-15	982.76	4/26/2005	NM	---	0.00	39.09	39.30	0.21	NM
NS-15	982.76	4/27/2005	NM	---	0.00	39.20	39.32	0.12	NM
NS-15	982.76	4/28/2005	NM	---	0.00	39.25	39.36	0.11	NM
NS-15	982.76	4/29/2005	NM	---	0.00	39.24	39.42	0.18	NM
NS-16	984.46	4/20/2005	8.44	---	0.00	---	19.71	0.00	976.02
NS-20	985.29	4/20/2005	5.80	---	0.00	---	14.98	0.00	979.49
NS-30	985.99	4/25/2005	NM	---	0.00	38.36	38.46	0.10	NM
NS-30	985.99	4/26/2005	NM	---	0.00	---	38.46	0.00	NM
NS-30	985.99	4/27/2005	NM	---	0.00	---	38.47	0.00	NM
NS-30	985.99	4/28/2005	NM	---	0.00	38.41	38.47	0.06	NM
NS-30	985.99	4/29/2005	NM	---	0.00	---	38.47	0.00	NM
NS-32	986.20	4/25/2005	NM	---	0.00	40.57	41.12	0.55	NM
NS-32	986.20	4/26/2005	NM	---	0.00	---	41.14	0.00	NM
NS-32	986.20	4/27/2005	NM	---	0.00	41.12	41.14	0.02	NM

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
April 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)
NS-32	986.20	4/28/2005	NM	---	0.00	41.09	41.10	0.01	NM
NS-32	986.20	4/29/2005	NM	---	0.00	---	41.10	0.00	NM
NS-36	985.20	4/20/2005	11.34	---	0.00	---	18.70	0.00	973.86
NS-37	986.20	4/20/2005	12.20	---	0.00	---	23.60	0.00	974.00

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.

TABLE 21-15
ROUTINE WELL MONITORING
NEWELL STREET AREA I
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
April 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)
FW-16R	986.51	4/20/2005	12.00	---	0.00	---	20.31	0.00	974.51
IA-9R	984.14	4/20/2005	9.70	---	0.00	---	16.88	0.00	974.44
MM-1	988.04	4/20/2005	11.02	---	0.00	---	19.38	0.00	977.02

Notes:

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

TABLE 21-16
ROUTINE WELL MONITORING
SILVER LAKE AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
April 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	4/7/2005	3.63	---	0.00	---	36.89	0.00	979.50
SLGW-01D	983.13	4/20/2005	3.98	---	0.00	---	37.06	0.00	979.15
SLGW-01S	982.94	4/7/2005	6.58	---	0.00	---	16.24	0.00	976.36
SLGW-01S	982.94	4/20/2005	6.92	---	0.00	---	16.19	0.00	976.02
SLGW-02D	985.10	4/7/2005	6.68	---	0.00	---	36.80	0.00	978.42
SLGW-02D	985.10	4/20/2005	7.01	---	0.00	---	36.97	0.00	978.09
SLGW-02S	985.39	4/7/2005	7.17	---	0.00	---	16.76	0.00	978.22
SLGW-02S	985.39	4/20/2005	7.60	---	0.00	---	16.78	0.00	977.79
SLGW-03D	979.14	4/7/2005	0.00	---	0.00	---	32.08	0.00	979.14
SLGW-03D	979.14	4/20/2005	0.51	---	0.00	---	32.11	0.00	978.63
SLGW-03S	980.21	4/7/2005	3.77	---	0.00	---	14.62	0.00	976.44
SLGW-03S	980.21	4/20/2005	4.14	---	0.00	---	14.59	0.00	976.07
SLGW-04D	983.51	4/7/2005	5.16	---	0.00	---	37.10	0.00	978.35
SLGW-04D	983.51	4/20/2005	5.36	---	0.00	---	37.23	0.00	978.15
SLGW-04S	984.02	4/7/2005	7.59	---	0.00	---	16.68	0.00	976.43
SLGW-04S	984.02	4/20/2005	8.02	---	0.00	---	16.69	0.00	976.00
SLGW-05D	979.30	4/7/2005	3.00	---	0.00	---	34.95	0.00	976.30
SLGW-05D	979.30	4/20/2005	3.31	---	0.00	---	35.00	0.00	975.99
SLGW-05S	979.12	4/7/2005	2.91	---	0.00	---	11.67	0.00	976.21
SLGW-05S	979.12	4/20/2005	3.21	---	0.00	---	11.61	0.00	975.91
SLGW-06D	981.63	4/7/2005	3.98	---	0.00	---	34.97	0.00	977.65
SLGW-06D	981.63	4/20/2005	4.85	---	0.00	---	35.09	0.00	976.78
SLGW-06S	981.66	4/7/2005	4.63	---	0.00	---	13.77	0.00	977.03
SLGW-06S	981.66	4/20/2005	5.27	---	0.00	---	13.71	0.00	976.39
Staff Gauge within Silver Lake									
Silver Lake Gauge	NA	4/5/2005	3.98	See Note 4 regarding depth to water					NA
Silver Lake Gauge	NA	4/15/2005	4.38	See Note 4 regarding depth to water					NA
Silver Lake Gauge	NA	4/20/2005	4.45	See Note 4 regarding depth to water					NA
Silver Lake Gauge	NA	4/22/2005	4.45	See Note 4 regarding depth to water					NA
Silver Lake Gauge	NA	4/29/2005	4.42	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)
APRIL 2005

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

a. Activities Undertaken/Completed

Conducted semi-annual spring 2005 groundwater and 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)

None

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
April 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)
Former Oxbow Area J									
GMA 2-1	991.36	4/20/2005	15.14	---	0.00	---	27.21	0.00	976.22
GMA 2-2	991.19	4/20/2005	16.73	---	0.00	---	25.17	0.00	974.46
GMA 2-3	991.48	4/20/2005	13.52	---	0.00	---	18.48	0.00	977.96
GMA 2-6	989.73	4/20/2005	14.47	---	0.00	---	23.48	0.00	975.26
GMA 2-7	989.64	4/20/2005	13.76	---	0.00	---	18.48	0.00	975.88
J-1R	988.25	4/20/2005	14.24	---	0.00	---	21.20	0.00	974.01
MW-1	994.47	4/20/2005	16.65	---	0.00	---	20.40	0.00	977.82
MW-2	991.64	4/20/2005	13.68	---	0.00	---	16.75	0.00	977.96
Former Oxbow Area K									
GMA 2-4	983.41	4/20/2005	8.06	---	0.00	---	18.00	0.00	975.35
GMA 2-5	985.85	4/20/2005	8.70	---	0.00	---	16.00	0.00	977.15
GMA 2-8	982.30	4/20/2005	7.32	---	0.00	---	17.38	0.00	974.98
GMA 2-9	981.29	4/20/2005	6.72	---	0.00	---	16.45	0.00	974.57
Housatonic River (Foot Bridge)									
GMA2-SG-1	989.82	4/5/2005	14.95	See Note 3 regarding depth to water					974.87
GMA2-SG-1	989.82	4/20/2005	18.50	See Note 3 regarding depth to water					971.32

Notes:

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

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

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

a. Activities Undertaken/Completed

- Conducted sampling of drilling equipment for PCBs prior to equipment leaving site (see Table 23-1).

- 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 5.6 liters (1.47 gallons) of LNAPL were manually removed from the wells in this area (see Table 23-4).

- Conducted semi-annual NAPL monitoring round.

- Installed replacement well 54B-R.

- Developed all recently installed new or replacement monitoring wells (54B-R, 89D-R, 111B-R, GMA3-13, and GMA3-14).

- Redeveloped well 16C-R due to excessive sedimentation observed during initial sampling attempt.

- Initiated spring 2005 groundwater sampling event.

- Conducted LNAPL sampling and analysis activities at selected monitoring wells.

b. Sampling/Test Results Received

- See attached tables.

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

    - The MCP UCL for chlorobenzene in groundwater (10 ppm) was exceeded in the samples from monitoring wells 2A, 16A and 39B-R. Similar exceedances were previously observed in these wells.

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

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

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

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

- The MCP GW-3 standard for chlorobenzene (0.5 ppm) was exceeded in the samples from GW-3 monitoring wells 39B-R and 78B-R. Similar exceedances were previously observed in these wells.

- The MCP GW-3 standard for PCBs (0.003 ppm) was exceeded in the filtered sample from monitoring well 82B-R.

- Although wells 2A and 16A are 50-foot-deep natural attenuation wells and are not monitoring points for the GW-3 standards, we note, for completeness, that the concentrations of chlorobenzene and benzene 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. 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 April 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.

- Complete spring 2005 groundwater sampling event.

- Conduct LNAPL recovery testing at selected monitoring wells.

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

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

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

- Received approval of GE's GMA3 Baseline Groundwater Quality and NAPL Monitoring Interim Report for Fall 2004 (April 19, 2005).

- LNAPL was observed in newly installed 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 will be monitored on a weekly basis for a period of at least one month. 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 APRIL 2005

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Parratt-Wolff Wipe Auger Sampling	PW-AUGER-W1	4/6/05	Wipe	SGS	PCB	4/8/05
Parratt-Wolff Wipe Auger Sampling	PW-AUGER-W2	4/6/05	Wipe	SGS	PCB	4/8/05
Parratt-Wolff Wipe Auger Sampling	PW-AUGER-W3	4/6/05	Wipe	SGS	PCB	4/8/05
Parratt-Wolff Wipe Auger Sampling	PW-AUGER-W4	4/6/05	Wipe	SGS	PCB	4/8/05
Parratt-Wolff Wipe Auger Sampling	PW-AUGER-W5	4/6/05	Wipe	SGS	PCB	4/8/05
Semi-Annual Groundwater Sampling	111A-R	4/14/05	Water	SGS	VOC, Natural Attenuation	
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	
Semi-Annual Groundwater Sampling	114A	4/21/05	Water	SGS	VOC, Natural Attenuation	
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	
Semi-Annual Groundwater Sampling	16A	4/8/05	Water	SGS	VOC, SVOC, Natural Attenuation	4/26/05
Semi-Annual Groundwater Sampling	16B-R	4/8/05	Water	SGS	VOC, Natural Attenuation	4/26/05
Semi-Annual Groundwater Sampling	2A	4/7/05	Water	SGS	VOC, SVOC, Natural Attenuation	4/27/05
Semi-Annual Groundwater Sampling	39B-R	4/7/05	Water	SGS	VOC, SVOC, Natural Attenuation	4/27/05
Semi-Annual Groundwater Sampling	39D	4/7/05	Water	SGS	VOC, Natural Attenuation	4/27/05
Semi-Annual Groundwater Sampling	39E	4/13/05	Water	SGS	VOC, Natural Attenuation	
Semi-Annual Groundwater Sampling	43A	4/12/05	Water	SGS	VOC, Natural Attenuation	
Semi-Annual Groundwater Sampling	43B	4/7/05	Water	SGS	VOC, Natural Attenuation	4/27/05
Semi-Annual Groundwater Sampling	51-14	4/15/05	Water	SGS	VOC	
Semi-Annual Groundwater Sampling	6B-R	4/6/05	Water	SGS	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), CN, CN (f), Sulfide, PCDD/PCDF, Pest, Herb	4/27/05
Semi-Annual Groundwater Sampling	78B-R	4/7/05	Water	SGS	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), CN, CN (f), Sulfide, PCDD/PCDF, Pest, Herb	4/27/05
Semi-Annual Groundwater Sampling	82B-R	4/11/05	Water	SGS	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), CN, CN (f), Sulfide, PCDD/PCDF, Pest, Herb	4/28/05
Semi-Annual Groundwater Sampling	90A	4/14/05	Water	SGS	VOC, Natural Attenuation	
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	
Semi-Annual Groundwater Sampling	95A	4/22/05	Water	SGS	VOC, SVOC, Natural Attenuation	
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	
Semi-Annual Groundwater Sampling	DUP-3 (GMA3-4)	4/12/05	Water	SGS	VOC	
Semi-Annual Groundwater Sampling	GMA3-2	4/8/05	Water	SGS	VOC	4/26/05
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	
Semi-Annual Groundwater Sampling	GMA3-4	4/12/05	Water	SGS	VOC	
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	
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	
Semi-Annual Groundwater Sampling	GMA3-7	4/11/05	Water	SGS	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), CN, CN (f), Sulfide, PCDD/PCDF	4/28/05
Semi-Annual Groundwater Sampling	GMA3-8	4/11/05	Water	SGS	VOC	4/28/05
Semi-Annual Groundwater Sampling	GMA3-9	4/12/05	Water	SGS	VOC	
Semi-Annual Groundwater Sampling	OBG-2	4/14/05	Water	SGS	VOC	

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

TABLE 23-2
PCB DATA RECEIVED DURING APRIL 2005

PARRATT-WOLFF WIPE AUGER SAMPLING
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in µg/100cm^2)

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
PW-AUGER-W1	4/6/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
PW-AUGER-W2	4/6/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
PW-AUGER-W3	4/6/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
PW-AUGER-W4	4/6/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
PW-AUGER-W5	4/6/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)

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

TABLE 23-3
DATA RECEIVED DURING APRIL 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:	2A 04/07/05	6B-R 04/06/05	16A 04/08/05	16B-R 04/08/05	39B-R 04/07/05
Volatile Organics					
1,1-Dichloroethane	ND(5.0)	ND(0.0050)	ND(1.0)	ND(0.0050)	ND(0.50)
Benzene	27	ND(0.0050)	13	0.0033 J	0.17 J
Chlorobenzene	120	ND(0.0050)	26	0.015	12
Ethylbenzene	ND(5.0)	ND(0.0050)	ND(1.0)	ND(0.0050)	ND(0.50)
Toluene	ND(5.0)	ND(0.0050)	ND(1.0)	ND(0.0050)	0.29 J
Trichloroethene	12	ND(0.0050)	ND(1.0)	ND(0.0050)	0.35 J
Total VOCs	160	ND(0.20)	39	0.018 J	13 J
PCBs-Unfiltered					
Aroclor-1254	NA	0.000047 J	NA	NA	NA
Total PCBs	NA	0.000047 J	NA	NA	NA
PCBs-Filtered					
Aroclor-1254	NA	0.000037 J	NA	NA	NA
Total PCBs	NA	0.000037 J	NA	NA	NA
Semivolatile Organics					
1,2-Dichlorobenzene	NA	ND(0.010)	NA	ND(0.0050)	NA
1,3-Dichlorobenzene	NA	ND(0.010)	NA	0.00079 J	NA
1,4-Dichlorobenzene	NA	ND(0.010)	NA	0.0026 J	NA
2-Chlorophenol	ND(0.010)	ND(0.010)	0.035	NA	0.0096 J
2-Methylnaphthalene	NA	ND(0.010)	NA	NA	NA
4-Chlorophenol	1.8	NA	0.60	NA	0.60
Acenaphthene	NA	ND(0.010)	NA	NA	NA
Anthracene	NA	ND(0.010)	NA	NA	NA
Dibenzofuran	NA	ND(0.010)	NA	NA	NA
Fluoranthene	NA	ND(0.010)	NA	NA	NA
Fluorene	NA	ND(0.010)	NA	NA	NA
Naphthalene	NA	ND(0.010)	NA	0.00077 J	NA
Phenanthrene	NA	ND(0.010)	NA	NA	NA
Phenol	NA	ND(0.010)	NA	NA	NA
Pyrene	NA	ND(0.010)	NA	NA	NA
Organochlorine Pesticides					
None Detected	NA	--	NA	NA	NA
Organophosphate Pesticides					
None Detected	NA	--	NA	NA	NA
Herbicides					
2,4-D	NA	ND(0.010)	NA	NA	NA
Furans					
2,3,7,8-TCDF	NA	ND(0.0000000020)	NA	NA	NA
TCDFs (total)	NA	ND(0.0000000020)	NA	NA	NA
1,2,3,7,8-PeCDF	NA	ND(0.0000000042)	NA	NA	NA
2,3,4,7,8-PeCDF	NA	ND(0.0000000043)	NA	NA	NA
PeCDFs (total)	NA	ND(0.0000000043)	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	ND(0.0000000039)	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	ND(0.0000000032)	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	ND(0.0000000043)	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	ND(0.0000000038)	NA	NA	NA
HxCDFs (total)	NA	ND(0.0000000043)	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	ND(0.0000000033)	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	ND(0.0000000042)	NA	NA	NA
HpCDFs (total)	NA	ND(0.0000000042)	NA	NA	NA
OCDF	NA	ND(0.0000000092)	NA	NA	NA

TABLE 23-3
DATA RECEIVED DURING APRIL 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:	2A 04/07/05	6B-R 04/06/05	16A 04/08/05	16B-R 04/08/05	39B-R 04/07/05
Dioxins					
2,3,7,8-TCDD	NA	ND(0.0000000032)	NA	NA	NA
TCDDs (total)	NA	ND(0.0000000032)	NA	NA	NA
1,2,3,7,8-PeCDD	NA	ND(0.0000000067)	NA	NA	NA
PeCDDs (total)	NA	ND(0.0000000067)	NA	NA	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.0000000062)	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	ND(0.0000000048)	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	ND(0.0000000052)	NA	NA	NA
HxCDDs (total)	NA	ND(0.0000000062)	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	ND(0.0000000054)	NA	NA	NA
HpCDDs (total)	NA	ND(0.0000000054)	NA	NA	NA
OCDD	NA	ND(0.000000014)	NA	NA	NA
Total TEQs (WHO TEFs)	NA	0.0000000079	NA	NA	NA
Inorganics-Unfiltered					
Barium	NA	0.0310 B	NA	NA	NA
Copper	NA	0.00430 B	NA	NA	NA
Cyanide	NA	ND(0.0100)	NA	NA	NA
Nickel	NA	ND(0.0400)	NA	NA	NA
Silver	NA	ND(0.00500)	NA	NA	NA
Sulfide	NA	3.20 B	NA	NA	NA
Vanadium	NA	ND(0.0500)	NA	NA	NA
Zinc	NA	0.0230	NA	NA	NA
Inorganics-Filtered					
Barium	NA	0.0290 B	NA	NA	NA
Copper	NA	0.00420 B	NA	NA	NA
Cyanide	NA	ND(0.0100)	NA	NA	NA
Nickel	NA	ND(0.0400)	NA	NA	NA
Silver	NA	ND(0.00500)	NA	NA	NA
Vanadium	NA	ND(0.0500)	NA	NA	NA
Zinc	NA	0.0250	NA	NA	NA
Natural Attenuation Parameters					
Alkalinity (Total)	180	NA	460	440	500
Chloride	10	NA	1300	160	250
Dissolved Iron	ND(0.0500)	NA	0.940	ND(0.0500)	ND(0.0500)
Dissolved Organic Carbon	0.750 B	NA	28.0	5.70	2.50
Ethane	ND(0.0040)	NA	ND(0.0040)	ND(0.0040)	ND(0.0040)
Ethene	ND(0.0030)	NA	ND(0.0030)	0.12	ND(0.0030)
Methane	ND(0.00200)	NA	0.330	0.690	0.0300
Nitrate Nitrogen	0.0380 B	NA	0.00950 B	0.0560	1.90
Nitrite Nitrogen	0.0820	NA	0.00280 B	0.00900 B	ND(0.0500)
Sulfate (turbidimetric)	21.0	NA	0.540 B	35.0	9.20

TABLE 23-3
DATA RECEIVED DURING APRIL 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:	39D 04/07/05	43B 04/07/05	78B-R 04/07/05	82B-R 04/11/05
Volatile Organics				
1,1-Dichloroethane	ND(0.0050)	ND(0.0050)	ND(0.10)	0.0011 J
Benzene	ND(0.0050)	ND(0.0050)	1.6	0.0020 J
Chlorobenzene	0.019	ND(0.0050)	2.0	0.00051 J
Ethylbenzene	ND(0.0050)	ND(0.0050)	ND(0.10)	ND(0.0050)
Toluene	0.0044 J	ND(0.0050)	ND(0.10)	0.0076
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.10)	ND(0.0050)
Total VOCs	0.023 J	ND(0.20)	3.6	0.011 J
PCBs-Unfiltered				
Aroclor-1254	NA	NA	0.00021 J	0.00043
Total PCBs	NA	NA	0.00021 J	0.00043
PCBs-Filtered				
Aroclor-1254	NA	NA	0.000055 J	0.00030
Total PCBs	NA	NA	0.000055 J	0.00030
Semivolatile Organics				
1,2-Dichlorobenzene	NA	NA	0.0026 J	0.0079 J
1,3-Dichlorobenzene	NA	NA	0.0045 J	ND(0.010)
1,4-Dichlorobenzene	NA	NA	0.021	ND(0.010)
2-Chlorophenol	NA	NA	0.0071 J	ND(0.010)
2-Methylnaphthalene	NA	NA	0.020	ND(0.010)
4-Chlorophenol	NA	NA	NA	NA
Acenaphthene	NA	NA	0.012	ND(0.010)
Anthracene	NA	NA	0.0020 J	ND(0.010)
Dibenzofuran	NA	NA	0.011	ND(0.010)
Fluoranthene	NA	NA	0.0018 J	ND(0.010)
Fluorene	NA	NA	0.010	ND(0.010)
Naphthalene	NA	NA	0.027	ND(0.010)
Phenanthrene	NA	NA	0.014	ND(0.010)
Phenol	NA	NA	0.013	ND(0.010)
Pyrene	NA	NA	0.0011 J	ND(0.010)
Organochlorine Pesticides				
None Detected	NA	NA	--	--
Organophosphate Pesticides				
None Detected	NA	NA	--	--
Herbicides				
2,4-D	NA	NA	0.00055 J	ND(0.010)
Furans				
2,3,7,8-TCDF	NA	NA	ND(0.0000000017)	ND(0.0000000021)
TCDFs (total)	NA	NA	ND(0.0000000024)	ND(0.0000000021)
1,2,3,7,8-PeCDF	NA	NA	ND(0.0000000031)	ND(0.0000000044)
2,3,4,7,8-PeCDF	NA	NA	ND(0.0000000032)	ND(0.0000000045)
PeCDFs (total)	NA	NA	ND(0.0000000040)	ND(0.0000000045)
1,2,3,4,7,8-HxCDF	NA	NA	ND(0.0000000035)	ND(0.0000000052)
1,2,3,6,7,8-HxCDF	NA	NA	ND(0.0000000029)	ND(0.0000000042)
1,2,3,7,8,9-HxCDF	NA	NA	ND(0.0000000039)	ND(0.0000000056)
2,3,4,6,7,8-HxCDF	NA	NA	ND(0.0000000034)	ND(0.0000000050)
HxCDFs (total)	NA	NA	ND(0.0000000039)	ND(0.0000000056)
1,2,3,4,6,7,8-HpCDF	NA	NA	ND(0.0000000030)	ND(0.0000000039)
1,2,3,4,7,8,9-HpCDF	NA	NA	ND(0.0000000037)	ND(0.0000000049)
HpCDFs (total)	NA	NA	ND(0.0000000037)	ND(0.0000000049)
OCDF	NA	NA	ND(0.0000000060)	ND(0.0000000099)

TABLE 23-3
DATA RECEIVED DURING APRIL 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:	39D 04/07/05	43B 04/07/05	78B-R 04/07/05	82B-R 04/11/05
Dioxins				
2,3,7,8-TCDD	NA	NA	ND(0.0000000022)	ND(0.0000000028)
TCDDs (total)	NA	NA	ND(0.0000000022)	ND(0.0000000028)
1,2,3,7,8-PeCDD	NA	NA	ND(0.0000000045)	ND(0.0000000074)
PeCDDs (total)	NA	NA	ND(0.0000000046)	ND(0.0000000074)
1,2,3,4,7,8-HxCDD	NA	NA	ND(0.0000000046)	ND(0.0000000066)
1,2,3,6,7,8-HxCDD	NA	NA	ND(0.0000000035)	ND(0.0000000051)
1,2,3,7,8,9-HxCDD	NA	NA	ND(0.0000000038)	ND(0.0000000055)
HxCDDs (total)	NA	NA	ND(0.0000000046)	ND(0.0000000066)
1,2,3,4,6,7,8-HpCDD	NA	NA	ND(0.0000000044)	ND(0.0000000077)
HpCDDs (total)	NA	NA	ND(0.0000000044)	ND(0.0000000077)
OCDD	NA	NA	ND(0.0000000083)	ND(0.000000011)
Total TEQs (WHO TEFs)	NA	NA	0.0000000056	0.0000000084
Inorganics-Unfiltered				
Barium	NA	NA	1.90	0.0590 B
Copper	NA	NA	ND(0.0250)	ND(0.0250)
Cyanide	NA	NA	ND(0.0100)	ND(0.0100)
Nickel	NA	NA	0.0260 B	ND(0.0400)
Silver	NA	NA	ND(0.00500)	0.00210 B
Sulfide	NA	NA	3.20 B	3.20 B
Vanadium	NA	NA	ND(0.0500)	0.00280 B
Zinc	NA	NA	0.0160 B	0.0140 B
Inorganics-Filtered				
Barium	NA	NA	1.70	0.0360 B
Copper	NA	NA	ND(0.0250)	ND(0.0250)
Cyanide	NA	NA	ND(0.0100)	ND(0.0100)
Nickel	NA	NA	0.0220 B	ND(0.0400)
Silver	NA	NA	ND(0.00500)	ND(0.00500)
Vanadium	NA	NA	ND(0.0500)	ND(0.0500)
Zinc	NA	NA	ND(0.0200)	0.00240 B
Natural Attenuation Parameters				
Alkalinity (Total)	140	620	NA	NA
Chloride	4.2	58	NA	NA
Dissolved Iron	0.0360 B	ND(0.0500)	NA	NA
Dissolved Organic Carbon	ND(1.00)	7.60	NA	NA
Ethane	ND(0.0040)	ND(0.0040)	NA	NA
Ethene	ND(0.0030)	ND(0.0030)	NA	NA
Methane	ND(0.00200)	0.880	NA	NA
Nitrate Nitrogen	ND(0.0500)	0.0800	NA	NA
Nitrite Nitrogen	ND(0.0500)	ND(0.0500)	NA	NA
Sulfate (turbidimetric)	19.0	ND(2.00)	NA	NA

TABLE 23-3
DATA RECEIVED DURING APRIL 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:	GMA3-2 04/08/05	GMA3-7 04/11/05	GMA3-8 04/11/05
Volatile Organics			
1,1-Dichloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)
Benzene	0.0070	ND(0.0050)	ND(0.0050)
Chlorobenzene	0.0011 J	ND(0.0050)	ND(0.0050)
Ethylbenzene	0.0017 J	ND(0.0050)	ND(0.0050)
Toluene	0.0027 J	ND(0.0050)	ND(0.0050)
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)
Total VOCs	0.013 J	ND(0.20)	ND(0.20)
PCBs-Unfiltered			
Aroclor-1254	NA	0.00011	NA
Total PCBs	NA	0.00011	NA
PCBs-Filtered			
Aroclor-1254	NA	0.000041 J	NA
Total PCBs	NA	0.000041 J	NA
Semivolatile Organics			
1,2-Dichlorobenzene	ND(0.0050)	ND(0.010)	ND(0.0050)
1,3-Dichlorobenzene	ND(0.0050)	ND(0.010)	ND(0.0050)
1,4-Dichlorobenzene	0.0011 J	ND(0.010)	ND(0.0050)
2-Chlorophenol	NA	ND(0.010)	NA
2-Methylnaphthalene	NA	ND(0.010)	NA
4-Chlorophenol	NA	NA	NA
Acenaphthene	NA	ND(0.010)	NA
Anthracene	NA	ND(0.010)	NA
Dibenzofuran	NA	ND(0.010)	NA
Fluoranthene	NA	ND(0.010)	NA
Fluorene	NA	ND(0.010)	NA
Naphthalene	ND(0.0050)	ND(0.010)	ND(0.0050)
Phenanthrene	NA	ND(0.010)	NA
Phenol	NA	ND(0.010)	NA
Pyrene	NA	ND(0.010)	NA
Organochlorine Pesticides			
None Detected	NA	NA	NA
Organophosphate Pesticides			
None Detected	NA	NA	NA
Herbicides			
2,4-D	NA	NA	NA
Furans			
2,3,7,8-TCDF	NA	ND(0.0000000014)	NA
TCDFs (total)	NA	ND(0.0000000014)	NA
1,2,3,7,8-PeCDF	NA	ND(0.0000000032)	NA
2,3,4,7,8-PeCDF	NA	ND(0.0000000033)	NA
PeCDFs (total)	NA	ND(0.0000000033)	NA
1,2,3,4,7,8-HxCDF	NA	ND(0.0000000032)	NA
1,2,3,6,7,8-HxCDF	NA	ND(0.0000000027)	NA
1,2,3,7,8,9-HxCDF	NA	ND(0.0000000036)	NA
2,3,4,6,7,8-HxCDF	NA	ND(0.0000000032)	NA
HxCDFs (total)	NA	ND(0.0000000036)	NA
1,2,3,4,6,7,8-HpCDF	NA	ND(0.0000000029)	NA
1,2,3,4,7,8,9-HpCDF	NA	ND(0.0000000035)	NA
HpCDFs (total)	NA	ND(0.0000000035)	NA
OCDF	NA	ND(0.0000000074)	NA

TABLE 23-3
DATA RECEIVED DURING APRIL 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:	GMA3-2 04/08/05	GMA3-7 04/11/05	GMA3-8 04/11/05
Dioxins			
2,3,7,8-TCDD	NA	ND(0.0000000020)	NA
TCDDs (total)	NA	ND(0.0000000020)	NA
1,2,3,7,8-PeCDD	NA	ND(0.0000000053)	NA
PeCDDs (total)	NA	ND(0.0000000053)	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.0000000051)	NA
1,2,3,6,7,8-HxCDD	NA	ND(0.0000000041)	NA
1,2,3,7,8,9-HxCDD	NA	ND(0.0000000045)	NA
HxCDDs (total)	NA	ND(0.0000000054)	NA
1,2,3,4,6,7,8-HpCDD	NA	ND(0.0000000046)	NA
HpCDDs (total)	NA	ND(0.0000000046)	NA
OCDD	NA	ND(0.0000000096)	NA
Total TEQs (WHO TEFs)	NA	0.0000000060	NA
Inorganics-Unfiltered			
Barium	NA	0.0870 B	NA
Copper	NA	ND(0.0250)	NA
Cyanide	NA	0.00240 B	NA
Nickel	NA	ND(0.0400)	NA
Silver	NA	0.00150 B	NA
Sulfide	NA	3.20 B	NA
Vanadium	NA	ND(0.0500)	NA
Zinc	NA	0.00410 B	NA
Inorganics-Filtered			
Barium	NA	0.0920 B	NA
Copper	NA	ND(0.0250)	NA
Cyanide	NA	0.00190 B	NA
Nickel	NA	ND(0.0400)	NA
Silver	NA	0.00100 B	NA
Vanadium	NA	0.00240 B	NA
Zinc	NA	0.00320 B	NA
Natural Attenuation Parameters			
Alkalinity (Total)	NA	NA	NA
Chloride	NA	NA	NA
Dissolved Iron	NA	NA	NA
Dissolved Organic Carbon	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 23-3
DATA RECEIVED DURING APRIL 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 CT&E 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 parentheses 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 23-4
MEASUREMENT AND REMOVAL OF RECOVERABLE LNAPL
GROUNDWATER MANAGEMENT AREA 3

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	April 2005 Removal (liters)
51-21	4/6/2005	13.88	P	< 0.01	1.137	9.096
	4/13/2005	14.05	P	< 0.01	2.274	
	4/20/2005	14.27	P	< 0.01	2.274	
	4/29/2005	14.47	P	< 0.01	3.411	
GMA3-10	4/6/2005	10.85	9.92	0.93	0.574	2.549
	4/15/2005	10.85	9.85	1.00	0.617	
	4/19/2005	10.84	9.50	1.34	0.827	
	4/29/2005	11.00	10.14	0.86	0.531	
GMA3-12	4/6/2005	10.48	10.32	0.16	0.395	2.125
	4/15/2005	10.55	10.30	0.25	0.618	
	4/29/2005	10.90	10.45	0.45	1.112	
GMA3-13	4/19/2005	10.90	10.11	0.79	0.500	0.909
	4/29/2005	10.97	10.31	0.66	0.409	

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

Total Manual LNAPL Removal at all other wells for April 2005: 5.583 liters
1.47 Gallons

Total LNAPL Removed for April 2005: 14.679 liters
3.87 Gallons

Notes:

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

TABLE 23-5
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
April 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)
002A	994.16	4/7/2005	6.75	---	0.00	---	55.05	0.00	987.41
006B-R	993.62	4/6/2005	4.99	---	0.00	---	14.77	0.00	988.63
006B-R	993.62	4/19/2005	6.66	---	0.00	---	14.78	0.00	986.96
016A	991.77	4/8/2005	5.48	---	0.00	---	51.02	0.00	986.29
016A	991.77	4/19/2005	5.55	---	0.00	---	51.02	0.00	986.22
016B-R	994.87	4/8/2005	8.41	---	0.00	---	16.22	0.00	986.46
016B-R	994.87	4/19/2005	8.71	---	0.00	---	16.40	0.00	986.16
016C-R	NA	4/11/2005	6.90	---	0.00	---	94.82	0.00	NA
016C-R	NA	4/19/2005	7.50	---	0.00	---	94.94	0.00	NA
016C-R	NA	4/20/2005	7.57	---	0.00	---	103.03	0.00	NA
016C-R	NA	4/27/2005	7.48	---	0.00	---	102.10	0.00	NA
039B-R	991.97	4/7/2005	5.14	---	0.00	---	13.88	0.00	986.83
039B-R	991.97	4/19/2005	5.70	---	0.00	---	13.85	0.00	986.27
039D	992.16	4/7/2005	4.73	---	0.00	---	66.10	0.00	987.43
039D	992.16	4/19/2005	5.54	---	0.00	---	66.25	0.00	986.62
039E	992.21	4/13/2005	4.65	---	0.00	---	240.35	0.00	987.56
039E	992.21	4/19/2005	5.19	---	0.00	---	240.90	0.00	987.02
043A	993.79	4/12/2005	4.99	---	0.00	---	51.28	0.00	988.80
043A	993.79	4/19/2005	5.35	---	0.00	---	51.52	0.00	988.44
043B	993.61	4/7/2005	5.01	---	0.00	---	21.40	0.00	988.60
043B	993.61	4/19/2005	5.74	---	0.00	---	21.42	0.00	987.87
050B	991.76	4/19/2005	2.78	---	0.00	---	15.05	0.00	988.98
054B-R	NA	4/20/2005	4.51	---	0.00	---	15.64	0.00	NA
054B-R	NA	4/22/2005	4.46	---	0.00	---	15.50	0.00	NA
054B-R	NA	4/27/2005	4.29	---	0.00	---	15.54	0.00	NA
078B-R	988.83	4/7/2005	0.41	---	0.00	---	11.74	0.00	988.42
078B-R	988.83	4/22/2005	1.72	---	0.00	---	11.71	0.00	987.11
082B-R	989.90	4/11/2005	2.84	---	0.00	---	11.81	0.00	987.06
082B-R	989.90	4/19/2005	3.41	---	0.00	---	11.79	0.00	986.49
089A	985.76	4/19/2005	2.14	---	0.00	---	47.30	0.00	983.62
089B	986.03	4/19/2005	2.47	---	0.00	---	8.85	0.00	983.56
089D-R	NA	4/6/2005	0.70	---	0.00	---	79.20	0.00	NA
089D-R	NA	4/19/2005	3.38	---	0.00	---	79.28	0.00	NA
089D-R	NA	4/26/2005	3.96	---	0.00	---	79.26	0.00	NA
090A	988.07	4/14/2005	5.08	---	0.00	---	52.18	0.00	982.99
090A	988.07	4/19/2005	4.77	---	0.00	---	51.28	0.00	983.30
090B	989.10	4/14/2005	5.46	---	0.00	---	12.70	0.00	983.64
090B	989.10	4/19/2005	5.89	---	0.00	---	12.85	0.00	983.21
095A	987.18	4/19/2005	6.15	---	0.00	---	49.91	0.00	981.03
095A	987.18	4/22/2005	6.28	---	0.00	---	50.95	0.00	980.90
095B-R	986.24	4/19/2005	5.38	---	0.00	---	13.56	0.00	980.86
095B-R	986.24	4/21/2005	5.73	---	0.00	---	13.61	0.00	980.51
111A-R	997.35	4/14/2005	12.41	---	0.00	---	52.11	0.00	984.94
111A-R	997.35	4/19/2005	12.70	---	0.00	---	52.00	0.00	984.65
111B-R	997.48	4/19/2005	13.45	---	0.00	---	19.81	0.00	984.03
111B-R	997.48	4/21/2005	13.53	---	0.00	---	19.80	0.00	983.95
114A	986.16	4/19/2005	5.62	---	0.00	---	52.18	0.00	980.54
114A	986.16	4/21/2005	5.80	---	0.00	---	52.00	0.00	980.36

TABLE 23-5
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
April 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)
114B-R	985.54	4/19/2005	5.73	---	0.00	---	15.34	0.00	979.81
114B-R	985.54	4/21/2005	5.76	---	0.00	---	15.35	0.00	979.78
51-05	996.44	3/31/2005	9.55	9.35	0.20	---	12.46	0.00	987.08
51-05	996.44	4/19/2005	9.17	9.16	0.01	---	12.34	0.00	987.28
51-06	997.36	4/5/2005	9.70	---	0.00	---	14.61	0.00	987.66
51-06	997.36	4/19/2005	9.76	---	0.00	---	14.59	0.00	987.60
51-07	997.08	4/5/2005	Buried beneath ice and snow pile						NA
51-07	997.08	4/19/2005	9.63	---	0.00	---	11.22	0.00	987.45
51-08	997.08	4/6/2005	9.58	9.56	0.02	---	14.68	0.00	987.52
51-08	997.08	4/15/2005	9.81	9.74	0.07	---	14.66	0.00	987.34
51-08	997.08	4/19/2005	9.88	9.84	0.04	---	14.66	0.00	987.24
51-08	997.08	4/29/2005	10.02	10.01	0.01	---	14.66	0.00	987.07
51-09	997.70	4/5/2005	9.02	---	0.00	---	11.58	0.00	988.68
51-09	997.70	4/19/2005	9.27	---	0.00	---	11.61	0.00	988.43
51-11	994.37	4/5/2005	6.20	---	0.00	---	13.40	0.00	988.17
51-11	994.37	4/19/2005	7.37	---	0.00	---	13.42	0.00	987.00
51-12	996.55	4/5/2005	6.58	---	0.00	---	11.21	0.00	989.97
51-12	996.55	4/19/2005	7.04	---	0.00	---	11.68	0.00	989.51
51-13	997.42	4/5/2005	9.78	---	0.00	---	10.02	0.00	987.64
51-13	997.42	4/19/2005	Dry	---	0.00	---	10.02	0.00	< 987.40
51-14	996.77	4/5/2005	9.16	---	0.00	---	15.00	0.00	987.61
51-14	996.77	4/15/2005	9.60	---	0.00	---	15.01	0.00	987.17
51-14	996.77	4/19/2005	9.76	---	0.00	---	15.01	0.00	987.01
51-15	996.43	3/31/2005	9.48	9.34	0.14	---	14.48	0.00	987.08
51-15	996.43	4/19/2005	9.17	9.16	0.01	---	14.48	0.00	987.27
51-16R	996.39	3/31/2005	9.29	---	0.00	---	14.54	0.00	987.10
51-16R	996.39	4/19/2005	9.21	9.16	0.05	---	14.53	0.00	987.23
51-17	996.43	3/31/2005	10.47	9.02	1.45	---	14.49	0.00	987.31
51-17	996.43	4/19/2005	9.11	9.07	0.04	---	14.49	0.00	987.36
51-18	997.12	4/5/2005	9.40	---	0.00	---	12.60	0.00	987.72
51-18	997.12	4/19/2005	9.98	---	0.00	---	12.58	0.00	987.14
51-19	996.43	3/31/2005	10.37	9.29	1.08	---	14.04	0.00	987.06
51-19	996.43	4/19/2005	10.28	9.30	0.98	---	14.02	0.00	987.06
51-21	1001.49	3/31/2005	14.38	P	< 0.01	---	NM	0.00	987.11
51-21	1001.49	4/6/2005	13.88	P	< 0.01	---	NM	0.00	987.61
51-21	1001.49	4/13/2005	14.05	P	< 0.01	---	NM	0.00	987.44
51-21	1001.49	4/20/2005	14.27	P	< 0.01	---	NM	0.00	987.22
51-21	1001.49	4/29/2005	14.47	P	< 0.01	---	NM	0.00	987.02
59-01	997.52	3/31/2005	10.54	---	0.00	---	11.35	0.00	986.98
59-01	997.52	4/19/2005	10.15	---	0.00	---	11.35	0.00	987.37
59-03R	997.64	3/31/2005	11.94	10.60	1.34	---	17.05	0.00	986.95
59-03R	997.64	4/19/2005	11.78	10.15	1.63	---	17.04	0.00	987.38
59-07	997.96	3/31/2005	10.90	10.88	0.02	---	23.53	0.00	987.08
59-07	997.96	4/19/2005	10.53	10.52	0.01	---	23.53	0.00	987.44
GMA3-2	991.94	4/8/2005	5.51	---	0.00	---	14.94	0.00	986.43
GMA3-2	991.94	4/19/2005	7.36	---	0.00	---	14.95	0.00	984.58
GMA3-3	990.45	4/13/2005	0.50	---	0.00	---	12.06	0.00	989.95

TABLE 23-5
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
April 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)
GMA3-3	990.45	4/19/2005	0.96	---	0.00	---	12.22	0.00	989.49
GMA3-4	994.60	4/12/2005	5.83	---	0.00	---	13.23	0.00	988.77
GMA3-4	994.60	4/19/2005	6.10	---	0.00	---	13.23	0.00	988.50
GMA3-5	993.67	4/13/2005	6.47	---	0.00	---	15.45	0.00	987.20
GMA3-5	993.67	4/19/2005	7.06	---	0.00	---	15.44	0.00	986.61
GMA3-6	997.49	4/12/2005	9.55	---	0.00	---	17.98	0.00	987.94
GMA3-6	997.49	4/19/2005	9.92	---	0.00	---	17.98	0.00	987.57
GMA3-7	1000.17	4/11/2005	12.15	---	0.00	---	19.80	0.00	988.02
GMA3-7	1000.17	4/19/2005	12.41	---	0.00	---	19.91	0.00	987.76
GMA3-8	996.24	4/11/2005	8.60	---	0.00	---	15.51	0.00	987.64
GMA3-8	996.24	4/19/2005	9.03	---	0.00	---	15.68	0.00	987.21
GMA3-9	992.39	4/12/2005	3.75	---	0.00	---	12.52	0.00	988.64
GMA3-9	992.39	4/19/2005	4.27	---	0.00	---	12.66	0.00	988.12
GMA3-10	997.54	4/6/2005	10.85	9.92	0.93	---	18.02	0.00	987.55
GMA3-10	997.54	4/15/2005	10.85	9.85	1.00	---	18.02	0.00	987.62
GMA3-10	997.54	4/19/2005	10.84	9.50	1.34	---	18.04	0.00	987.95
GMA3-10	997.54	4/29/2005	11.00	10.14	0.86	---	18.01	0.00	987.34
GMA3-11	997.25	4/5/2005	9.65	---	0.00	---	18.45	0.00	987.60
GMA3-11	997.25	4/19/2005	9.56	---	0.00	---	19.43	0.00	987.69
GMA3-12	997.84	4/6/2005	10.48	10.32	0.16	---	21.26	0.00	987.51
GMA3-12	997.84	4/15/2005	10.55	10.30	0.25	---	21.25	0.00	987.52
GMA3-12	997.84	4/19/2005	10.73	10.37	0.36	---	21.24	0.00	987.44
GMA3-12	997.84	4/29/2005	10.90	10.45	0.45	---	21.26	0.00	987.36
GMA3-13	997.73	4/19/2005	10.90	10.11	0.79	---	17.91	0.00	987.56
GMA3-13	997.08	4/29/2005	10.97	10.31	0.66	---	17.84	0.00	986.72
GMA3-14	997.42	4/19/2005	9.75	---	0.00	---	17.12	0.00	987.67
OBG-2	992.20	4/14/2005	3.93	---	0.00	---	14.60	0.00	988.27
OBG-2	992.20	4/19/2005	4.69	---	0.00	---	15.35	0.00	987.51
UB-MW-10	995.99	4/5/2005	8.25	---	0.00	---	15.70	0.00	987.74
UB-MW-10	995.99	4/19/2005	8.56	---	0.00	---	15.66	0.00	987.43
UB-PZ-1	999.70	4/19/2005	12.21	---	0.00	---	12.85	0.00	987.49
UB-PZ-2	994.77	4/19/2005	8.33	---	0.00	---	9.90	0.00	986.44
UB-PZ-3	998.15	4/19/2005	11.38	10.71	0.67	---	15.36	0.00	987.39
Unkamet Brook Staff Gauges									
GMA3-SG-1	983.44	4/19/2005	Needs to be Replaced; Found Laying in H2O						NA
GMA3-SG-2	NA	4/19/2005	0.89	See Note 6 regarding depth to water					NA
GMA3-SG-3	985.53	4/19/2005	1.82	See Note 6 regarding depth to water					987.35

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. The depth to water is distance from the "0.00" point, which is the surveyed Measuring Point Elevation (MPE), to the top top of the water surface. Positive values indicate that the water surface was above the MPE, while negative values indicate that the water surface was below the MPE.

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

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

a. Activities Undertaken/Completed

Conducted spring 2005 groundwater elevation monitoring and sampling event.

b. Sampling/Test Results Received

- See attached tables.

- Preliminary analytical results received in April 2005 from the spring 2004 GMA 4 interim groundwater quality monitoring activities are shown in Table 24-2. These preliminary results have been compared to the applicable Method 1 GW-2 and GW-3 groundwater standards and UCLs for groundwater set forth in the MCP. These comparisons indicate the following:

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

  - There were no exceedances of MCP GW-2 standards observed in any of the GW-2 groundwater sample results received in April 2005.

  - The MCP GW-3 standard for PCBs (0.003 ppm) was exceeded in the filtered sample from monitoring well OPCA-MW-6.

  - The MCP GW-3 standard for cyanide (0.01 ppm) was exceeded in the filtered sample from monitoring well H78B-15.

  - No other exceedances of MCP GW-3 standards were observed in any of the groundwater sample results received in April 2005.

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 initiate preparation of spring 2005 monitoring report.

ITEM 24
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 3 (GMA 4)
(GECD340)
APRIL 2005

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 24-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2005

GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Semi-Annual Groundwater Sampling	GMA4-5	3/31/05	Water	SGS	PCB, PCB (f), VOC, SVOC, EPH	4/25/05
Semi-Annual Groundwater Sampling	78-1	4/4/05	Water	SGS	PCB (f), VOC, SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	4/22/05
Semi-Annual Groundwater Sampling	78-6	4/1/05	Water	SGS	PCB (f), VOC, SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	4/22/05
Semi-Annual Groundwater Sampling	DUP-2 (OPCA-MW-4)	4/5/05	Water	SGS	PCB (f), VOC, SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	4/21/05
Semi-Annual Groundwater Sampling	H78B-13R	4/1/05	Water	SGS	SVOC	4/22/05
Semi-Annual Groundwater Sampling	H78B-15	4/4/05	Water	SGS	PCB (f), VOC, SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	4/22/05
Semi-Annual Groundwater Sampling	OPCA-MW-1	4/4/05	Water	SGS	PCB (f), VOC, SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	4/22/05
Semi-Annual Groundwater Sampling	OPCA-MW-2	4/5/05	Water	SGS	PCB (f), VOC, SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	4/22/05
Semi-Annual Groundwater Sampling	OPCA-MW-3	4/5/05	Water	SGS	PCB (f), VOC, SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	4/21/05
Semi-Annual Groundwater Sampling	OPCA-MW-4	4/5/05	Water	SGS	PCB (f), VOC, SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	4/21/05
Semi-Annual Groundwater Sampling	OPCA-MW-5R	4/6/05	Water	SGS	PCB (f), VOC, SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	4/22/05
Semi-Annual Groundwater Sampling	OPCA-MW-6	4/4/05	Water	SGS	PCB (f), VOC, SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	4/22/05
Semi-Annual Groundwater Sampling	OPCA-MW-7	4/6/05	Water	SGS	PCB (f), VOC, SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	4/22/05
Semi-Annual Groundwater Sampling	OPCA-MW-8	4/6/05	Water	SGS	PCB (f), VOC, SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	4/22/05
Semi-Annual Groundwater Sampling	UB-MW-5	4/5/05	Water	SGS	PCB (f), VOC, SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	4/21/05
Semi-Annual Groundwater Sampling	UB-MW-5	4/7/05	Water	SGS	PCB, Metals, CN	4/21/05

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

TABLE 24-2
DATA RECEIVED DURING APRIL 2005

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

Parameter / Sample ID: / Date Collected:	78-1 04/04/05	78-6 04/01/05	GMA4-5 03/31/05	H78B-13R 04/01/05
Volatile Organics				
Acetone	ND(0.010)	ND(0.010)	ND(0.010)	NA
Bromodichloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Chloroform	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Methylene Chloride	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Toluene	0.0019 J	ND(0.0050)	ND(0.0050)	NA
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Total VOCs	0.0019 J	ND(0.20)	ND(0.20)	NA
PCBs-Unfiltered				
Aroclor-1254	NA	NA	ND(0.000065)	NA
Aroclor-1260	NA	NA	ND(0.000065)	NA
Total PCBs	NA	NA	ND(0.000065)	NA
PCBs-Filtered				
Aroclor-1254	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Total PCBs	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Semivolatile Organics				
2,4-Dimethylphenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Extractable Petroleum Hydrocarbons				
C11-C22 Aromatic Hydrocarbons	NA	NA	ND(0.20)	NA
C19-C36 Aliphatic Hydrocarbons	NA	NA	ND(5.0)	NA
C9-C18 Aliphatic Hydrocarbons	NA	NA	ND(1.0)	NA
Total Petroleum Hydrocarbons	NA	NA	ND(0.20)	NA
Furans				
2,3,7,8-TCDF	ND(0.0000000012)	ND(0.0000000014)	NA	NA
TCDFs (total)	ND(0.0000000012)	ND(0.0000000014)	NA	NA
1,2,3,7,8-PeCDF	ND(0.0000000021)	ND(0.0000000023)	NA	NA
2,3,4,7,8-PeCDF	ND(0.0000000021)	ND(0.0000000024)	NA	NA
PeCDFs (total)	ND(0.0000000021)	ND(0.0000000024)	NA	NA
1,2,3,4,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000027)	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.0000000020)	ND(0.0000000022)	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.0000000027)	ND(0.0000000029)	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.0000000024)	ND(0.0000000026)	NA	NA
HxCDFs (total)	ND(0.0000000027)	ND(0.0000000029)	NA	NA
1,2,3,4,6,7,8-HpCDF	ND(0.0000000024)	ND(0.0000000019)	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000000030)	ND(0.0000000024)	NA	NA
HpCDFs (total)	ND(0.0000000030)	ND(0.0000000024)	NA	NA
OCDF	ND(0.0000000036)	ND(0.0000000037)	NA	NA
Dioxins				
2,3,7,8-TCDD	ND(0.0000000019)	ND(0.0000000020)	NA	NA
TCDDs (total)	ND(0.0000000019)	ND(0.0000000020)	NA	NA
1,2,3,7,8-PeCDD	ND(0.0000000032)	ND(0.0000000035)	NA	NA
PeCDDs (total)	ND(0.0000000032)	ND(0.0000000035)	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.0000000040)	ND(0.0000000040)	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.0000000030)	ND(0.0000000031)	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.0000000033)	ND(0.0000000033)	NA	NA
HxCDDs (total)	ND(0.0000000040)	ND(0.0000000040)	NA	NA
1,2,3,4,6,7,8-HpCDD	ND(0.0000000045)	ND(0.0000000035)	NA	NA
HpCDDs (total)	ND(0.0000000045)	ND(0.0000000035)	NA	NA
OCDD	ND(0.0000000076)	ND(0.0000000043)	NA	NA
Total TEQs (WHO TEFs)	0.0000000042	0.0000000046	NA	NA

TABLE 24-2
DATA RECEIVED DURING APRIL 2005

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

Parameter / Sample ID: / Date Collected:	78-1 04/04/05	78-6 04/01/05	GMA4-5 03/31/05	H78B-13R 04/01/05
Inorganics-Unfiltered				
Antimony	NA	NA	NA	NA
Barium	NA	NA	NA	NA
Chromium	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA
Copper	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA
Lead	NA	NA	NA	NA
Nickel	NA	NA	NA	NA
Sulfide	3.20 B	3.20 B	NA	NA
Tin	NA	NA	NA	NA
Zinc	NA	NA	NA	NA
Inorganics-Filtered				
Antimony	ND(0.0600)	ND(0.0600)	NA	NA
Barium	0.0120 B	0.0470 B	NA	NA
Chromium	ND(0.0100)	ND(0.0100)	NA	NA
Cobalt	ND(0.0500)	ND(0.0500)	NA	NA
Copper	ND(0.0250)	ND(0.0250)	NA	NA
Cyanide	ND(0.0100)	0.00210 B	NA	NA
Lead	0.000410 B	0.000540 B	NA	NA
Nickel	ND(0.0400)	0.00170 B	NA	NA
Silver	ND(0.00500)	ND(0.00500)	NA	NA
Tin	ND(0.0300)	ND(0.0300)	NA	NA
Zinc	0.0290	0.0300	NA	NA

TABLE 24-2
DATA RECEIVED DURING APRIL 2005

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

Parameter / Sample ID: / Date Collected:	H78B-15 04/04/05	OPCA-MW-1 04/04/05	OPCA-MW-2 04/05/05	OPCA-MW-3 04/05/05
Volatile Organics				
Acetone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Bromodichloromethane	ND(0.0050)	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)	0.0017 J	0.0025 J	ND(0.0050)
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Total VOCs	ND(0.20)	0.0017 J	0.0025 J	ND(0.20)
PCBs-Unfiltered				
Aroclor-1254	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA
PCBs-Filtered				
Aroclor-1254	0.000031 J	0.00021	0.000062 J	0.000052 J
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	0.000031 J	0.00021	0.000062 J	0.000052 J
Semivolatile Organics				
2,4-Dimethylphenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Extractable Petroleum Hydrocarbons				
C11-C22 Aromatic Hydrocarbons	NA	NA	NA	NA
C19-C36 Aliphatic Hydrocarbons	NA	NA	NA	NA
C9-C18 Aliphatic Hydrocarbons	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NA	NA	NA	NA
Furans				
2,3,7,8-TCDF	ND(0.0000000014)	ND(0.0000000025)	ND(0.0000000019)	ND(0.0000000011)
TCDFs (total)	ND(0.0000000021)	0.0000000053	ND(0.0000000019)	ND(0.0000000011)
1,2,3,7,8-PeCDF	ND(0.0000000024)	ND(0.0000000025)	ND(0.0000000046)	ND(0.0000000022)
2,3,4,7,8-PeCDF	ND(0.0000000024)	ND(0.0000000025)	ND(0.0000000047)	ND(0.0000000022)
PeCDFs (total)	ND(0.0000000024)	ND(0.0000000028)	ND(0.0000000047)	ND(0.0000000022)
1,2,3,4,7,8-HxCDF	ND(0.0000000026)	ND(0.0000000027)	ND(0.0000000045)	ND(0.0000000018)
1,2,3,6,7,8-HxCDF	ND(0.0000000021)	ND(0.0000000022)	ND(0.0000000037)	ND(0.0000000015)
1,2,3,7,8,9-HxCDF	ND(0.0000000028)	ND(0.0000000029)	ND(0.0000000049)	ND(0.0000000020)
2,3,4,6,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000026)	ND(0.0000000044)	ND(0.0000000018)
HxCDFs (total)	ND(0.0000000028)	ND(0.0000000029)	ND(0.0000000049)	ND(0.0000000020)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000025)	ND(0.0000000026)	ND(0.0000000044)	ND(0.0000000017)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000032)	ND(0.0000000027)	ND(0.0000000056)	ND(0.0000000022)
HpCDFs (total)	ND(0.0000000032)	ND(0.0000000027)	ND(0.0000000056)	ND(0.0000000022)
OCDF	ND(0.0000000040)	ND(0.0000000035)	ND(0.0000000085)	ND(0.0000000038)
Dioxins				
2,3,7,8-TCDD	ND(0.0000000020)	ND(0.0000000019)	ND(0.0000000030)	ND(0.0000000019)
TCDDs (total)	ND(0.0000000020)	ND(0.0000000019)	ND(0.0000000030)	ND(0.0000000019)
1,2,3,7,8-PeCDD	ND(0.0000000038)	ND(0.0000000037)	ND(0.0000000063)	ND(0.0000000033)
PeCDDs (total)	ND(0.0000000038)	ND(0.0000000037)	ND(0.0000000063)	ND(0.0000000033)
1,2,3,4,7,8-HxCDD	ND(0.0000000041)	ND(0.0000000035)	ND(0.0000000065)	ND(0.0000000034)
1,2,3,6,7,8-HxCDD	ND(0.0000000031)	ND(0.0000000027)	ND(0.0000000050)	ND(0.0000000026)
1,2,3,7,8,9-HxCDD	ND(0.0000000034)	ND(0.0000000029)	ND(0.0000000054)	ND(0.0000000029)
HxCDDs (total)	ND(0.0000000041)	ND(0.0000000035)	ND(0.0000000065)	ND(0.0000000034)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000044)	ND(0.0000000041)	ND(0.0000000081)	ND(0.0000000035)
HpCDDs (total)	ND(0.0000000044)	ND(0.0000000041)	ND(0.0000000081)	ND(0.0000000035)
OCDD	ND(0.0000000053)	ND(0.0000000075)	ND(0.000000012)	ND(0.0000000043)
Total TEQs (WHO TEFs)	0.0000000047	0.0000000046	0.0000000078	0.0000000041

TABLE 24-2
DATA RECEIVED DURING APRIL 2005

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

Parameter / Sample ID: / Date Collected:	H78B-15 04/04/05	OPCA-MW-1 04/04/05	OPCA-MW-2 04/05/05	OPCA-MW-3 04/05/05
Inorganics-Unfiltered				
Antimony	NA	NA	NA	NA
Barium	NA	NA	NA	NA
Chromium	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA
Copper	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA
Lead	NA	NA	NA	NA
Nickel	NA	NA	NA	NA
Sulfide	3.20 B	3.20 B	3.20 B	3.20 B
Tin	NA	NA	NA	NA
Zinc	NA	NA	NA	NA
Inorganics-Filtered				
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Barium	0.0680 B	0.0160 B	0.0150 B	0.0580 B
Chromium	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	ND(0.0250)	ND(0.0250)	0.00350 B	0.00630 B
Cyanide	0.0140	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	ND(0.00300)	ND(0.00300)	ND(0.00300)	ND(0.00300)
Nickel	0.00150 B	ND(0.0400)	ND(0.0400)	0.00170 B
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Tin	ND(0.0300)	ND(0.0300)	ND(0.0300)	ND(0.0300)
Zinc	0.0150 B	0.0130 B	0.0210	0.0320

TABLE 24-2
DATA RECEIVED DURING APRIL 2005

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

Sample ID: / Parameter / Date Collected:	OPCA-MW-4 04/05/05	OPCA-MW-5R 04/06/05	OPCA-MW-6 04/04/05
Volatile Organics			
Acetone	ND(0.010) [0.0046 J]	ND(0.010)	ND(0.010)
Bromodichloromethane	ND(0.0050) [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) [0.00086 J]	ND(0.0050)	ND(0.0050)
Toluene	0.0050 [0.0088]	ND(0.0050)	0.0016 J
Trichloroethene	0.0013 J [0.0013 J]	ND(0.0050)	ND(0.0050)
Total VOCs	0.0063 J [0.016 J]	ND(0.20)	0.0016 J
PCBs-Unfiltered			
Aroclor-1254	NA	NA	NA
Aroclor-1260	NA	NA	NA
Total PCBs	NA	NA	NA
PCBs-Filtered			
Aroclor-1254	0.00017 [0.000039 J]	0.000073	0.00037
Aroclor-1260	0.000049 J [ND(0.000065)]	ND(0.000065)	0.00014
Total PCBs	0.000219 [0.000039 J]	0.000073	0.00051
Semivolatile Organics			
2,4-Dimethylphenol	ND(0.010) [ND(0.010)]	0.0038 J	ND(0.010)
Naphthalene	ND(0.010) [ND(0.010)]	0.0083 J	ND(0.010)
Extractable Petroleum Hydrocarbons			
C11-C22 Aromatic Hydrocarbons	NA	NA	NA
C19-C36 Aliphatic Hydrocarbons	NA	NA	NA
C9-C18 Aliphatic Hydrocarbons	NA	NA	NA
Total Petroleum Hydrocarbons	NA	NA	NA
Furans			
2,3,7,8-TCDF	ND(0.0000000021) [ND(0.0000000013)]	ND(0.0000000018)	ND(0.0000000013)
TCDFs (total)	ND(0.0000000021) [ND(0.0000000020)]	ND(0.0000000018)	ND(0.0000000013)
1,2,3,7,8-PeCDF	ND(0.0000000042) [ND(0.0000000020)]	ND(0.0000000041)	ND(0.0000000024)
2,3,4,7,8-PeCDF	ND(0.0000000042) [ND(0.0000000020)]	ND(0.0000000042)	ND(0.0000000024)
PeCDFs (total)	ND(0.000000014) [ND(0.000000014)]	ND(0.0000000042)	ND(0.0000000024)
1,2,3,4,7,8-HxCDF	ND(0.0000000035) [ND(0.0000000024)]	ND(0.0000000038)	ND(0.0000000022)
1,2,3,6,7,8-HxCDF	ND(0.0000000029) [ND(0.0000000020)]	ND(0.0000000031)	ND(0.0000000018)
1,2,3,7,8,9-HxCDF	ND(0.0000000038) [ND(0.0000000027)]	ND(0.0000000041)	ND(0.0000000024)
2,3,4,6,7,8-HxCDF	ND(0.0000000034) [ND(0.0000000024)]	ND(0.0000000037)	ND(0.0000000022)
HxCDFs (total)	ND(0.0000000038) [ND(0.0000000027)]	ND(0.0000000041)	ND(0.0000000024)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000024) [ND(0.0000000022)]	ND(0.0000000037)	ND(0.0000000019)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000031) [ND(0.0000000028)]	ND(0.0000000047)	ND(0.0000000024)
HpCDFs (total)	ND(0.0000000031) [ND(0.0000000028)]	ND(0.0000000047)	ND(0.0000000024)
OCDF	ND(0.0000000056) [ND(0.0000000031)]	ND(0.0000000085)	ND(0.0000000041)
Dioxins			
2,3,7,8-TCDD	ND(0.0000000026) [ND(0.0000000018)]	ND(0.0000000030)	ND(0.0000000017)
TCDDs (total)	ND(0.0000000026) [ND(0.0000000018)]	ND(0.0000000030)	ND(0.0000000017)
1,2,3,7,8-PeCDD	ND(0.0000000060) [ND(0.0000000032)]	ND(0.0000000064)	ND(0.0000000035)
PeCDDs (total)	ND(0.0000000060) [ND(0.0000000032)]	ND(0.0000000064)	ND(0.0000000035)
1,2,3,4,7,8-HxCDD	ND(0.0000000044) [ND(0.0000000030)]	ND(0.0000000056)	ND(0.0000000034)
1,2,3,6,7,8-HxCDD	ND(0.0000000034) [ND(0.0000000024)]	ND(0.0000000043)	ND(0.0000000026)
1,2,3,7,8,9-HxCDD	ND(0.0000000037) [ND(0.0000000025)]	ND(0.0000000046)	ND(0.0000000028)
HxCDDs (total)	ND(0.0000000044) [ND(0.0000000030)]	ND(0.0000000056)	ND(0.0000000034)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000041) [ND(0.0000000032)]	ND(0.0000000084)	ND(0.0000000036)
HpCDDs (total)	ND(0.0000000041) [ND(0.0000000032)]	ND(0.0000000084)	ND(0.0000000036)
OCDD	ND(0.0000000056) [ND(0.0000000041)]	ND(0.0000000087)	ND(0.0000000056)
Total TEQs (WHO TEFs)	0.0000000069 [0.0000000040]	0.0000000075	0.0000000042

TABLE 24-2
DATA RECEIVED DURING APRIL 2005

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

Parameter / Sample ID: / Date Collected:	OPCA-MW-4 04/05/05	OPCA-MW-5R 04/06/05	OPCA-MW-6 04/04/05
Inorganics-Unfiltered			
Antimony	NA	NA	NA
Barium	NA	NA	NA
Chromium	NA	NA	NA
Cobalt	NA	NA	NA
Copper	NA	NA	NA
Cyanide	NA	NA	NA
Lead	NA	NA	NA
Nickel	NA	NA	NA
Sulfide	3.20 B [3.20 B]	3.20 B	3.20 B
Tin	NA	NA	NA
Zinc	NA	NA	NA
Inorganics-Filtered			
Antimony	ND(0.0600) [ND(0.0600)]	0.0140 B	ND(0.0600)
Barium	0.0680 B [0.0710 B]	0.0720 B	0.0120 B
Chromium	ND(0.0100) [0.00240 B]	0.00270 B	ND(0.0100)
Cobalt	ND(0.0500) [ND(0.0500)]	0.00680 B	ND(0.0500)
Copper	0.00340 B [0.00420 B]	0.00400 B	ND(0.0250)
Cyanide	0.00160 B [0.00180 B]	ND(0.0100)	0.00160 B
Lead	ND(0.00300) [ND(0.00300)]	ND(0.00300)	ND(0.00300)
Nickel	ND(0.0400) [ND(0.0400)]	0.00190 B	ND(0.0400)
Silver	ND(0.00500) [ND(0.00500)]	0.00160 B	ND(0.00500)
Tin	ND(0.0300) [ND(0.0300)]	ND(0.0300)	ND(0.0300)
Zinc	0.0770 [0.0820]	0.0240	0.0280

TABLE 24-2
DATA RECEIVED DURING APRIL 2005

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

Parameter / Sample ID: / Date Collected:	OPCA-MW-7 04/06/05	OPCA-MW-8 04/06/05	UB-MW-5 4/5-4/7/2005
Volatile Organics			
Acetone	ND(0.010)	ND(0.010)	ND(0.010)
Bromodichloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene Chloride	ND(0.0050)	ND(0.0050)	ND(0.0050)
Toluene	ND(0.0050)	0.0026 J	ND(0.0050)
Trichloroethene	ND(0.0050)	ND(0.0050)	0.0012 J
Total VOCs	ND(0.20)	0.0026 J	0.0012 J
PCBs-Unfiltered			
Aroclor-1254	NA	NA	0.000075
Aroclor-1260	NA	NA	ND(0.000065)
Total PCBs	NA	NA	0.000075
PCBs-Filtered			
Aroclor-1254	0.00018	0.000061 J	ND(0.000065)
Aroclor-1260	0.000051 J	ND(0.000065)	ND(0.000065)
Total PCBs	0.000231	0.000061 J	ND(0.000065)
Semivolatile Organics			
2,4-Dimethylphenol	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	ND(0.010)	ND(0.010)	ND(0.010)
Extractable Petroleum Hydrocarbons			
C11-C22 Aromatic Hydrocarbons	NA	NA	NA
C19-C36 Aliphatic Hydrocarbons	NA	NA	NA
C9-C18 Aliphatic Hydrocarbons	NA	NA	NA
Total Petroleum Hydrocarbons	NA	NA	NA
Furans			
2,3,7,8-TCDF	ND(0.0000000016)	ND(0.0000000022)	ND(0.0000000015)
TCDFs (total)	ND(0.0000000016)	ND(0.0000000022)	ND(0.0000000015)
1,2,3,7,8-PeCDF	ND(0.0000000025)	ND(0.0000000044)	ND(0.0000000039)
2,3,4,7,8-PeCDF	ND(0.0000000025)	ND(0.0000000044)	ND(0.0000000039)
PeCDFs (total)	ND(0.0000000035)	ND(0.0000000044)	ND(0.0000000039)
1,2,3,4,7,8-HxCDF	ND(0.0000000031)	ND(0.0000000042)	ND(0.0000000033)
1,2,3,6,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000034)	ND(0.0000000027)
1,2,3,7,8,9-HxCDF	ND(0.0000000034)	ND(0.0000000045)	ND(0.0000000036)
2,3,4,6,7,8-HxCDF	ND(0.0000000030)	ND(0.0000000040)	ND(0.0000000032)
HxCDFs (total)	ND(0.0000000034)	ND(0.0000000045)	ND(0.0000000036)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000034)	ND(0.0000000042)	ND(0.0000000023)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000044)	ND(0.0000000054)	ND(0.0000000030)
HpCDFs (total)	ND(0.0000000044)	ND(0.0000000054)	ND(0.0000000030)
OCDF	ND(0.0000000058)	ND(0.0000000098)	ND(0.0000000053)
Dioxins			
2,3,7,8-TCDD	ND(0.0000000022)	ND(0.0000000036)	ND(0.0000000023)
TCDDs (total)	ND(0.0000000022)	ND(0.0000000036)	ND(0.0000000023)
1,2,3,7,8-PeCDD	ND(0.0000000043)	ND(0.0000000066)	ND(0.0000000058)
PeCDDs (total)	ND(0.0000000043)	ND(0.0000000066)	ND(0.0000000058)
1,2,3,4,7,8-HxCDD	ND(0.0000000040)	ND(0.0000000063)	ND(0.0000000039)
1,2,3,6,7,8-HxCDD	ND(0.0000000031)	ND(0.0000000048)	ND(0.0000000030)
1,2,3,7,8,9-HxCDD	ND(0.0000000034)	ND(0.0000000052)	ND(0.0000000032)
HxCDDs (total)	ND(0.0000000040)	ND(0.0000000063)	ND(0.0000000039)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000060)	ND(0.0000000060)	ND(0.0000000041)
HpCDDs (total)	ND(0.0000000060)	ND(0.0000000060)	ND(0.0000000041)
OCDD	ND(0.000000010)	ND(0.000000019)	ND(0.0000000051)
Total TEQs (WHO TEFs)	0.0000000052	0.0000000081	0.0000000064

TABLE 24-2
DATA RECEIVED DURING APRIL 2005

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

Parameter / Sample ID: / Date Collected:	OPCA-MW-7 04/06/05	OPCA-MW-8 04/06/05	UB-MW-5 4/5-4/7/2005
Inorganics-Unfiltered			
Antimony	NA	NA	ND(0.0600)
Barium	NA	NA	0.0330 B
Chromium	NA	NA	ND(0.0100)
Cobalt	NA	NA	ND(0.0500)
Copper	NA	NA	0.00290 B
Cyanide	NA	NA	0.00130 B
Lead	NA	NA	ND(0.00300)
Nickel	NA	NA	0.00300 B
Sulfide	3.20 B	3.20 B	3.20 B
Tin	NA	NA	0.00660 B
Zinc	NA	NA	0.0370
Inorganics-Filtered			
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)
Barium	0.0150 B	0.00950 B	0.0280 B
Chromium	0.00330 B	0.00740 B	0.00140 B
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	0.00560 B	0.00530 B	0.00290 B
Cyanide	ND(0.0100)	0.00140 B	0.00120 B
Lead	ND(0.00300)	ND(0.00300)	ND(0.00300)
Nickel	0.00300 B	0.00240 B	0.00190 B
Silver	ND(0.00500)	0.00100 B	ND(0.00500)
Tin	ND(0.0300)	ND(0.0300)	ND(0.0300)
Zinc	0.0210	0.0480	0.0160 B

TABLE 24-2
DATA RECEIVED DURING APRIL 2005

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

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs, Appendix IX+3 constituents, and EPH.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses 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 and EPH, only those constituents detected in one or more samples are summarized.
6. - Indicates that all constituents for the parameter group were not detected.
7. Field duplicate sample results are presented in brackets.

Data Qualifiers:

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

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

Inorganics

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

TABLE 24-3
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 4

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
April 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)
060A	1,001.71	4/19/2005	13.65	---	0.00	---	38.44	0.00	988.06
060B-R	1,002.79	4/19/2005	13.74	---	0.00	---	20.80	0.00	989.05
78-1	1,026.32	4/4/2005	6.70	---	0.00	---	20.65	0.00	1,019.62
78-1	1,026.32	4/19/2005	8.60	---	0.00	---	22.38	0.00	1,017.72
78-2	1,033.96	4/19/2005	6.83	---	0.00	---	21.64	0.00	1,027.13
78-3	1,007.13	4/19/2005	16.04	---	0.00	---	24.85	0.00	991.09
78-4	998.55	4/19/2005	12.09	---	0.00	---	21.35	0.00	986.46
78-5R	997.36	4/22/2005	4.70	---	0.00	---	18.35	0.00	992.66
78-6	1,012.00	4/1/2005	5.21	---	0.00	---	17.40	0.00	1,006.79
78-6	1,012.00	4/19/2005	6.67	---	0.00	---	17.48	0.00	1,005.33
GMA4-1	1,012.35	4/19/2005	22.35	---	0.00	---	28.13	0.00	990.00
GMA4-2	1,006.22	4/19/2005	11.73	---	0.00	---	19.84	0.00	994.49
GMA4-3	1,003.95	4/7/2005	16.42	---	0.00	---	26.25	0.00	987.53
GMA4-3	1,003.95	4/19/2005	16.36	---	0.00	---	26.25	0.00	987.59
GMA4-4	999.64	4/19/2005	12.05	---	0.00	---	24.28	0.00	987.59
H78B-13R	992.93	4/1/2005	9.55	---	0.00	---	20.00	0.00	983.38
H78B-13R	992.93	4/19/2005	9.72	---	0.00	---	19.95	0.00	983.21
H78B-15	1,012.68	4/4/2005	13.60	---	0.00	---	18.15	0.00	999.08
H78B-15	1,012.68	4/19/2005	14.35	---	0.00	---	18.22	0.00	998.33
H78B-16	999.33	4/19/2005	11.82	---	0.00	---	16.95	0.00	987.51
H78B-17	1,002.54	4/19/2005	16.51	---	0.00	---	18.98	0.00	986.03
H78B-17R	1,000.31	4/19/2005	14.87	---	0.00	---	26.71	0.00	985.44
NY-4	1,024.24	4/22/2005	8.80	---	0.00	---	31.34	0.00	1,015.44
OPCA-MW-1	1,019.60	4/4/2005	6.98	---	0.00	---	32.64	0.00	1,012.62
OPCA-MW-1	1,019.60	4/19/2005	8.60	---	0.00	---	32.65	0.00	1,011.00
OPCA-MW-2	1,019.58	4/5/2005	16.19	---	0.00	---	25.32	0.00	1,003.39
OPCA-MW-2	1,019.58	4/19/2005	16.61	---	0.00	---	25.35	0.00	1,002.97
OPCA-MW-3	1,014.83	4/5/2005	18.59	---	0.00	---	27.41	0.00	996.24
OPCA-MW-3	1,014.83	4/19/2005	18.22	---	0.00	---	27.45	0.00	996.61
OPCA-MW-4	1,018.67	4/5/2005	11.40	---	0.00	---	21.51	0.00	1,007.27
OPCA-MW-4	1,018.67	4/19/2005	10.79	---	0.00	---	21.51	0.00	1,007.88
OPCA-MW-5R	1,016.34	4/6/2005	10.41	---	0.00	---	21.65	0.00	1,005.93
OPCA-MW-5R	1,016.34	4/19/2005	10.02	---	0.00	---	21.82	0.00	1,006.32
OPCA-MW-6	1,022.31	4/4/2005	15.18	---	0.00	---	23.84	0.00	1,007.13
OPCA-MW-6	1,022.31	4/19/2005	15.60	---	0.00	---	23.89	0.00	1,006.71
OPCA-MW-7	1,026.57	4/6/2005	20.17	---	0.00	---	23.67	0.00	1,006.40
OPCA-MW-7	1,026.57	4/19/2005	17.55	---	0.00	---	23.66	0.00	1,009.02
OPCA-MW-8	1,027.40	4/6/2005	6.83	---	0.00	---	21.93	0.00	1,020.57
OPCA-MW-8	1,027.40	4/19/2005	8.90	---	0.00	---	21.81	0.00	1,018.50
RF-14	1,001.59	4/19/2005	7.41	---	0.00	---	22.66	0.00	994.18
RF-15	1,011.80	4/19/2005	12.61	---	0.00	---	20.60	0.00	999.19
UB-MW-5	1,006.06	4/5/2005	13.43	---	0.00	---	15.42	0.00	992.63
UB-MW-5	1,006.06	4/7/2005	13.23	---	0.00	---	15.45	0.00	992.83
UB-MW-5	1,006.06	4/19/2005	13.14	---	0.00	---	15.43	0.00	992.92
UB-MW-6	1,019.79	4/19/2005	20.43	---	0.00	---	34.99	0.00	999.36

TABLE 24-3
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 4

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
April 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)
Commercial Street Area (South of GMA 4)									
MW-1	984.34	4/12/2005	6.95	---	0.00	---	14.73	0.00	977.39
MW-1	984.34	4/20/2005	8.12	---	0.00	---	14.80	0.00	976.22
MW-2	983.12	4/11/2005	6.18	---	0.00	---	13.74	0.00	976.94
MW-2	983.12	4/20/2005	7.68	---	0.00	---	13.78	0.00	975.44
MW-3	986.73	4/12/2005	8.83	---	0.00	---	14.97	0.00	977.90
MW-3	986.73	4/20/2005	10.12	---	0.00	---	15.06	0.00	976.61
MW-4	985.73	4/12/2005	8.02	---	0.00	---	14.28	0.00	977.71
MW-4	985.73	4/20/2005	9.33	---	0.00	---	14.35	0.00	976.40
MW-5	983.53	4/11/2005	7.20	---	0.00	---	17.52	0.00	976.33
MW-5	983.53	4/20/2005	8.71	---	0.00	---	17.56	0.00	974.82
MW-6	987.65	4/20/2005	8.71	---	0.00	---	17.67	0.00	978.94
MW-7	984.73	4/20/2005	2.80	---	0.00	---	14.70	0.00	981.93
MW-8	984.94	4/20/2005	5.86	---	0.00	---	14.69	0.00	979.08
MW-10	988.87	4/20/2005	7.93	---	0.00	---	17.74	0.00	980.94
GMA4-5	993.34	4/20/2005	10.72	---	0.00	---	18.22	0.00	982.62

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)
APRIL 2005

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

a. Activities Undertaken/Completed

Conducted spring 2005 groundwater 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)

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 25-1
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 5

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
April 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 5 - Former Oxbow Area A									
GES-7	992.10	4/21/2005	14.20	---	0.00	---	16.75	0.00	977.90
GES-8	990.15	4/21/2005	10.00	---	0.00	---	16.80	0.00	980.15
GES-9	990.72	4/21/2005	14.60	---	0.00	---	16.60	0.00	976.12
GMA 5-1	984.59	4/21/2005	7.90	---	0.00	---	15.70	0.00	976.69
GMA 5-3	989.14	4/21/2005	16.68	---	0.00	---	24.90	0.00	972.46
GMA 5-4	979.10	4/21/2005	5.48	---	0.00	---	18.14	0.00	973.62
GMA 5-7	986.75	4/21/2005	14.21	---	0.00	---	27.80	0.00	972.54
GMA 5-8	984.69	4/21/2005	9.25	---	0.00	---	17.78	0.00	975.44
GT-7	989.76	4/21/2005	17.86	---	0.00	---	24.07	0.00	971.90
GT-101	NA	4/21/2005	17.80	---	0.00	---	24.30	0.00	NA
GT-102	NA	4/21/2005	17.90	---	0.00	---	24.63	0.00	NA
RW-2	NA	4/21/2005	17.45	---	0.00	---	20.10	0.00	NA
GMA 5 - Former Oxbow Area C									
C-1	987.82	4/21/2005	13.91	---	0.00	---	22.85	0.00	973.91
C-2	979.25	4/21/2005	4.61	---	0.00	---	18.45	0.00	974.64
GMA 5-2	982.66	4/21/2005	7.90	---	0.00	---	20.67	0.00	974.76
GMA 5-5	982.64	4/21/2005	Unable to Open Manhole; Could Not Gauge					0.00	NA
GMA 5-6	979.23	4/21/2005	5.45	---	0.00	---	15.35	0.00	973.78

Notes:

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

Attachment A

NPDES Sampling Records and Results
April 2005

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

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

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
NPDES Sampling	001-A6398	4/4/05	Water	SGS	Oil & Grease	4/19/05
NPDES Sampling	001-A6400	4/4/05	Water	SGS	PCB	4/19/05
NPDES Sampling	001-A6408	4/5/05	Water	SGS	TSS	4/19/05
NPDES Sampling	005-A6381/A6382	3/29/05	Water	SGS	PCB	4/14/05
NPDES Sampling	005-A6409/A6410	4/5/05	Water	SGS	PCB, TSS, BOD	4/19/05
NPDES Sampling	005-A6420/A6421	4/12/05	Water	SGS	PCB	4/26/05
NPDES Sampling	005-A6431/A6432	4/19/05	Water	SGS	PCB	4/27/05
NPDES Sampling	005-A6445/A6446	4/26/05	Water	SGS	PCB	
NPDES Sampling	006-A6391	4/2/05	Water	SGS	Oil & Grease	4/19/05
NPDES Sampling	006-A6393	4/2/05	Water	SGS	PCB	4/19/05
NPDES Sampling	01A-A6394	4/3/05	Water	SGS	Oil & Grease	4/19/05
NPDES Sampling	01A-A6396	4/3/05	Water	SGS	PCB	4/19/05
NPDES Sampling	05A-A6388	4/2/05	Water	SGS	Oil & Grease	4/19/05
NPDES Sampling	05A-A6390	4/2/05	Water	SGS	PCB	4/19/05
NPDES Sampling	09B-A6372	3/27/05	Water	SGS	TSS	4/7/05
NPDES Sampling	09B-A6377	3/28/05	Water	SGS	BOD	4/7/05
NPDES Sampling	09B-A6397	4/3/05	Water	SGS	TSS	4/19/05
NPDES Sampling	09B-A6405	4/4/05	Water	SGS	BOD	4/19/05
NPDES Sampling	09B-A6414	4/10/05	Water	SGS	TSS	4/26/05
NPDES Sampling	09B-A6435	4/21/05	Water	SGS	TSS, BOD	4/28/05
NPDES Sampling	09B-A6438	4/24/05	Water	SGS	TSS	
NPDES Sampling	09B-A6443	4/25/05	Water	SGS	BOD	
NPDES Sampling	09C-A6378	3/28/05	Water	SGS	Oil & Grease	4/7/05
NPDES Sampling	09C-A6411	4/7/05	Water	SGS	Oil & Grease	4/26/05
NPDES Sampling	09C-A6413	4/7/05	Water	SGS	PCB	4/26/05
NPDES Sampling	09C-A6433	4/21/05	Water	SGS	Oil & Grease	4/28/05
NPDES Sampling	09C-A6436	4/24/05	Water	SGS	Oil & Grease	
NPDES Sampling	64G-A6375	3/28/05	Water	SGS	Oil & Grease	4/7/05
NPDES Sampling	64G-A6403	4/4/05	Water	SGS	Oil & Grease	4/19/05
NPDES Sampling	64G-A6417	4/11/05	Water	SGS	Oil & Grease	4/26/05
NPDES Sampling	64G-A6422	4/12/05	Water	SGS	VOC	4/26/05
NPDES Sampling	64G-A6423	4/12/05	Water	SGS	SVOC	4/26/05
NPDES Sampling	64G-A6428	4/18/05	Water	SGS	Oil & Grease	4/27/05
NPDES Sampling	64G-A6441	4/25/05	Water	SGS	Oil & Grease	
NPDES Sampling	64T-A6373	3/28/05	Water	SGS	Oil & Grease	4/7/05
NPDES Sampling	64T-A6401	4/4/05	Water	SGS	Oil & Grease	4/19/05
NPDES Sampling	64T-A6415	4/11/05	Water	SGS	Oil & Grease	4/26/05
NPDES Sampling	64T-A6426	4/18/05	Water	SGS	Oil & Grease	4/27/05
NPDES Sampling	64T-A6439	4/25/05	Water	SGS	Oil & Grease	
NPDES Sampling	A6406R	4/5/05	Water	SGS	Acute Toxicity Test	4/25/05
NPDES Sampling	A6406RCN	4/5/05	Water	SGS	CN	4/19/05

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

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
NPDES Sampling	A6406RTM	4/5/05	Water	SGS	Metals (10)	4/19/05
NPDES Sampling	A6407C	4/5/05	Water	SGS	Acute Toxicity Test	4/25/05
NPDES Sampling	A6407CCN	4/5/05	Water	SGS	CN	4/19/05
NPDES Sampling	A6407CDM	4/5/05	Water	SGS	Filtered Metals (8)	4/19/05
NPDES Sampling	A6407CTM	4/5/05	Water	SGS	Metals (10)	4/19/05
NPDES Sampling	A6424R	4/12/05	Water	SGS	Acute Toxicity Test	4/25/05
NPDES Sampling	A6424RCN	4/12/05	Water	SGS	CN	4/26/05
NPDES Sampling	A6424RTM	4/12/05	Water	SGS	Metals (10)	4/26/05
NPDES Sampling	A6425C	4/12/05	Water	SGS	Acute Toxicity Test	4/25/05
NPDES Sampling	A6425CCN	4/12/05	Water	SGS	CN	4/26/05
NPDES Sampling	A6425CDM	4/12/05	Water	SGS	Filtered Metals (8)	4/25/05
NPDES Sampling	A6425CTM	4/12/05	Water	SGS	Metals (10)	4/26/05
NPDES Sampling	APR05WK1	3/29/05	Water	SGS	Cu, Pb, Zn	4/14/05
NPDES Sampling	APR05WK4	4/19/05	Water	SGS	Cu, Pb, Zn	4/27/05
NPDES Sampling	APR05WK5	4/26/05	Water	SGS	Cu, Pb, Zn	

TABLE A-2
DATA RECEIVED DURING APRIL 2005

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

Parameter / Sample ID: / Date Collected:	001-A6398 04/04/05	001-A6400 04/04/05	001-A6408 04/05/05	01A-A6394 04/03/05	01A-A6396 04/03/05	005-A6381/A6382 03/29/05	005-A6409/A6410 04/05/05	005-A6420/A6421 04/12/05
Volatile Organics								
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered								
Aroclor-1254	NA	0.00025	NA	NA	0.00093	0.00015	0.000058 J	ND(0.000065)
Aroclor-1260	NA	ND(0.000065)	NA	NA	0.00021	0.00011	0.000035 J	ND(0.000065)
Total PCBs	NA	0.00025	NA	NA	0.00114	0.00026	0.000093 J	ND(0.000065)
Semivolatile Organics								
None Detected	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals								
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	ND(2.0)	NA
Oil & Grease	3.0 B	NA	NA	3.4 B	NA	NA	NA	NA
Total Suspended Solids	NA	NA	ND(5.00)	NA	NA	NA	ND(5.00)	NA

TABLE A-2
DATA RECEIVED DURING APRIL 2005

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

Parameter / Sample ID: / Date Collected:	005-A6431/A6432 04/19/05	05A-A6388 04/02/05	05A-A6390 04/02/05	006-A6391 04/02/05	006-A6393 04/02/05	09B-A6372 03/27/05	09B-A6377 03/28/05	09B-A6397 04/03/05	09B-A6405 04/04/05
Volatile Organics									
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered									
Aroclor-1254	ND(0.000065)	NA	0.0012	NA	0.000080	NA	NA	NA	NA
Aroclor-1260	ND(0.000065)	NA	0.0019	NA	0.000088	NA	NA	NA	NA
Total PCBs	ND(0.000065)	NA	0.0031	NA	0.000168	NA	NA	NA	NA
Semivolatile Organics									
None Detected	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals									
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	4.6	NA	ND(2.0)
Oil & Grease	NA	3.2 B	NA	3.5 B	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	ND(5.00)	NA	8.00	NA

TABLE A-2
DATA RECEIVED DURING APRIL 2005

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

Parameter / Sample ID: / Date Collected:	09B-A6414 04/10/05	09B-A6435 04/21/05	09C-A6378 03/28/05	09C-A6411 04/07/05	09C-A6413 04/07/05	09C-A6433 04/21/05	64G-A6375 03/28/05	64G-A6403 04/04/05	64G-A6417 04/11/05
Volatile Organics									
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered									
Aroclor-1254	NA	NA	NA	NA	ND(0.000065)	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	ND(0.000065)	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	ND(0.000065)	NA	NA	NA	NA
Semivolatile Organics									
None Detected	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals									
Biological Oxygen Demand (5-day)	NA	ND(2.0)	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	ND(5.0)	ND(5.0)	NA	ND(5.0)	ND(5.0)	3.3 B	ND(5.0)
Total Suspended Solids	5.00	11.0	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING APRIL 2005

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

Parameter / Sample ID: / Date Collected:	64G-A6422 04/12/05	64G-A6423 04/12/05	64G-A6428 04/18/05	64T-A6373 03/28/05	64T-A6401 04/04/05	64T-A6415 04/11/05	64T-A6426 04/18/05	A6406RCN 04/05/05	A6406RTM 04/05/05	A6407CCN 04/05/05
Volatile Organics										
1,1,1-Trichloroethane	0.0024 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	0.0021 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	0.00082 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.00069 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered										
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics										
None Detected	NA	--	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered										
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.100)	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00100)	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	7.20	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00500)	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	0.00300 B	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	0.00260 B	NA	0.0500
Lead	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00500)	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	2.60	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00500)	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00500)	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	0.00890 B	NA
Inorganics-Filtered										
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals										
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	ND(5.0)	ND(5.0)	2.2 B	ND(5.0)	ND(5.0)	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING APRIL 2005

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

Parameter / Sample ID: / Date Collected:	A6407CDM 04/05/05	A6407CTM 04/05/05	A6424RCN 04/12/05	A6424RTM 04/12/05	A6425CCN 04/12/05	A6425CDM 04/12/05	A6425CTM 04/12/05	APR05WK1 03/29/05	APR05WK4 04/19/05
Volatile Organics									
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered									
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics									
None Detected	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered									
Aluminum	NA	ND(0.100)	NA	ND(0.100)	NA	NA	ND(0.100)	NA	NA
Cadmium	NA	ND(0.00100)	NA	ND(0.00100)	NA	NA	ND(0.00100)	NA	NA
Calcium	NA	74.0	NA	11.0	NA	NA	92.0	NA	NA
Chromium	NA	0.00140 B	NA	ND(0.00500)	NA	NA	ND(0.00500)	NA	NA
Copper	NA	0.00730	NA	ND(0.00500)	NA	NA	0.00340 B	0.0320	ND(0.00500)
Cyanide	NA	NA	0.00270 B	NA	0.0650	NA	NA	NA	NA
Lead	NA	ND(0.00500)	NA	ND(0.00500)	NA	NA	ND(0.00500)	0.0370	ND(0.00500)
Magnesium	NA	28.0	NA	3.60	NA	NA	38.0	NA	NA
Nickel	NA	ND(0.00500)	NA	ND(0.00500)	NA	NA	ND(0.00500)	NA	NA
Silver	NA	ND(0.00500)	NA	ND(0.00500)	NA	NA	ND(0.00500)	NA	NA
Zinc	NA	0.0180 B	NA	0.00280 B	NA	NA	0.00370 B	0.130	0.00410 B
Inorganics-Filtered									
Aluminum	ND(0.100)	NA	NA	NA	NA	ND(0.100)	NA	NA	NA
Cadmium	ND(0.00100)	NA	NA	NA	NA	ND(0.00100)	NA	NA	NA
Chromium	ND(0.00500)	NA	NA	NA	NA	ND(0.00500)	NA	NA	NA
Copper	0.00500 B	NA	NA	NA	NA	0.00230 B	NA	NA	NA
Lead	ND(0.00500)	NA	NA	NA	NA	ND(0.00500)	NA	NA	NA
Nickel	ND(0.00500)	NA	NA	NA	NA	ND(0.00500)	NA	NA	NA
Silver	ND(0.00500)	NA	NA	NA	NA	ND(0.00500)	NA	NA	NA
Zinc	0.0190 B	NA	NA	NA	NA	0.0110 B	NA	NA	NA
Conventionals									
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA	NA

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

Data Qualifiers:

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

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

Attachment B

NPDES Discharge Monitoring Reports
March 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	064 T
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	03	01	TO	05	03	31

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

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		7.0	******	8.0	(12)	0	99/99	RCDR
00400 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU SU		WEEKLY	GRAB-G
DIBENZOFURAN	SAMPLE MEASUREMENT	******	******		******	NODI [6]	NODI [6]	(22)			
81302 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ****	******	REPORT MO AVG	REPORT DAILY MX	PPT		ONCE/ MONTH	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	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		
AREA CODE	NUMBER	YEAR	MO	DAY
413	448-5902	2005	4	21

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	044 C
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	03	01	TO	05	03	31

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

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

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

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

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

TELEPHONE		DATE		
413	448-5902	2005	4	26
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
SEE COMMENTS FOR 005). 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	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	03	01	TO	05	03	31

*** NO DISCHARGE [ ] ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		NODI [C]	******	NODI [C]	(12)			
00400 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ***	6.0 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	******	261 DAILY MX	LBS/DY	******	******	15 DAILY MX	MG/L		ONCE/ MONTH	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	NODI [C]	(26) LBS/DY-	******	******	******		9	~~GR~~	~~GR~~
39516 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		STRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	NODI [C]	NODI [C]	(03)	******	******	******				
50050 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	0.38 MO AVG	2.09 DAILY MX	MGD	******	******	******	**** ****		ONCE/ MONTH	RCORDR
	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	4	21
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 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

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	03	01	TO	05	03	31

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

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

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG C) 00310 T 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*******	*******	*******		0	01/30	CP
	PERMIT REQUIREMENT	70 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	*******	2.0	(26) LBS/DY	*******	*******	0.6	(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	0.0002	0.0005	(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	0.225	0.625	(03) MGD	*******	*******	*******		0	99/99	RC
	PERMIT REQUIREMENT	2.09 MO AVG	2.09 DAILY MX	MGD	*******	*******	*******	**** ****		CONTIN UOUS	RECORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	448-5902	2005	4	21

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

SEE PAGE 8 + 9 OF PERMIT FOR SAMPLING REQUIREMENTS. SEE DMR(S) 0640 + 064T FOR FURTHER PARAMETERS.

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	007 1
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	03	01	TO	05	03	31

*** NO DISCHARGE | | ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TEMPERATURE, WATER DEG. FAHRENHEIT 00011 W 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******	48	46	(15) DEG.F	0	01/30	GR
	PERMIT REQUIREMENT	******	******	**** ****	******	70 MO AVG	75 DAILY MX	DEG. F		ONCE/ MONTH	GRAB
PH 00400 W 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		6.6	******	6.8	(12) SU	0	01/DW	GR
	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS) 39516 W 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******	0.2	0.2	(21) PPB	0	01/90	GR
	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	PPB		3TRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 W 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.001	0.002	(03) MGD	******	******	******		0	15/30	CA
	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
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	4	21
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 *(Includes Facility Name/ Location (If Different)*
NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

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

MA0003891	009 1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	03	01	TO	05	03	31

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

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

Form Approved.
OMB No. 2040-0004

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	0.004	0.01	(26) LBS/DY	******	******	******		0	01/07	CP
00310 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
PH	SAMPLE MEASUREMENT	******	******		6.2	******	7.0	(12) SU	0	01/DW	GR
00400 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	0.01	0.02	(26) LBS/DY	******	******	******		0	01/07	CP
00530 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
OIL & GREASE	SAMPLE MEASUREMENT	******	1.0	(26) LBS/DY	******	******	2.1	(19) MG/L	0	01/DW	GR
00556 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	438 DAILY MX	LBS/DY	******	******	15 DAILY MX	MG/L		WEEKLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	0.0001	0.0001	(19) MG/L	0	01/90	GR
39516 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.016	0.350	(03) MGD	******	******	******		0	99/99	RC
50050 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		CONTINUOUS	RECORD
	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	4	21
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	03	01	TO	05	03	31

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

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	NODI C	NODI C	(26)	******	******	******				
00310 V 0 0	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	******	******	******	***** *****		WEEKLY	COMPOS
SEE COMMENTS BELOW											
OLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	NODI C	NODI C	(26)	******	******	******				
00530 V 0 0	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	LBS/DY	******	******	******	***** *****		WEEKLY	COMPOS
SEE COMMENTS BELOW											
LOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	NODI C	NODI C	(03)	*******	*******	*******				
00050 V 0 0	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	***** *****		CONTINUOUS	RECORDR
SEE COMMENTS BELOW											
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
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.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	448-5902	2005	4	2

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

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	009 B
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	03	01	TO	05	03	31

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

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG. C) 00310 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.004	0.01	(26) LBS/DY	******	******	******		0	01/07	CP
	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.01	0.02	(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	0.016	0.350	(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	4	21
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE / NUMBER	YEAR	MO	DAY

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

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	SUM A
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	03	01	TO	05	03	31

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

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*******	0	(26) LBS/DY	*******	*******	*******		0	01/30	CP
00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY	*******	*******	*******	**** ****		ONCE/ MONTH	COMPOS
NICKEL TOTAL RECOVERABLE	SAMPLE MEASUREMENT	*******	0	(26) LBS/DY	*******	*******	*******		0	01/30	CP
01074 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY	*******	*******	*******	**** ****		ONCE/ MONTH	COMPOS
SILVER TOTAL RECOVERABLE	SAMPLE MEASUREMENT	*******	0	(26) LBS/DY	*******	*******	*******		0	01/30	CP
01079 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY	*******	*******	*******	**** ****		ONCE/ MONTH	COMPOS
ZINC TOTAL RECOVERABLE	SAMPLE MEASUREMENT	*******	0.2	(26) LBS/DY	*******	*******	*******		0	01/07	CP
01094 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY	*******	*******	*******	**** ****		WEEKLY	COMPOS
ALUMINUM, TOTAL (AS AL)	SAMPLE MEASUREMENT	*******	0	(26) LBS/DY	*******	*******	*******		0	01/30	CP
01105 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY	*******	*******	*******	**** ****		ONCE/ MONTH	COMPOS
CADMIUM TOTAL RECOVERABLE	SAMPLE MEASUREMENT	*******	0	(26) LBS/DY	*******	*******	*******		0	01/30	CP
01113 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY	*******	*******	*******	**** ****		ONCE/ MONTH	COMPOS
LEAD TOTAL RECOVERABLE	SAMPLE MEASUREMENT	*******	0.03	(26) LBS/DY	*******	*******	*******		0	01/07	CP
01114 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY	*******	*******	*******	**** ****		WEEKLY	COMPOS

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

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

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

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	448-5902	2005	4	27

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	03	01	TO	05	03	31

*** NO DISCHARGE | __ | ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
CHROMIUM TOTAL RECOVERABLE 01118 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	01/30	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
COPPER TOTAL RECOVERABLE 01119 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.08	(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	******	0.10	(26) LBS/DY	******	******	******		0	01/30	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	448-5902	2005	4	21

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	001 1
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	03	01	TO	05	03	31

*** NO DISCHARGE ! ! ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		7.6	******	8.1	(12) SU	0	01/07	GR
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	****** **** ****		6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-G
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	130.5	454.3	(26) LBS/DY	******	******	******		0	04/30	CP
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	138 MO AVG	528 DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
OIL & GREASE	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	0	(19) MG/L	0	01/30	GR
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	619 DAILY MX	LBS/DY	******	******	15 DAILY MX	MG/L		ONCE/ MONTH	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	0.00001	(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	0.155	1.966	(03) MGD	******	******	******		0	99/99	RC
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	1.10 MO AVG	2.55 DAILY MX	MGD	******	******	******	**** ****		CONTINUOUS	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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

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

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

TELEPHONE
AREA CODE: 413
NUMBER: 448-5902

DATE
YEAR: 2005
MO: 4
DAY: 21

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	001 A
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	01	01	TO	05	03	31

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

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	*******	*******		7.1 ~~4.1~~	*******	7.1 ~~4.1~~	(12) SU	0	01/90	GR
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	******* **** ****		6.0 MIN MINIMUM	*******	9.0 MAX MAXIMUM	SU	N/A	STRLY	RANDOM
OIL & GREASE	SAMPLE MEASUREMENT	*******	*******		*******	*******	4.4	(20) PPM	0	01/90	GR
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	******* **** ****		*******	*******	15 DAILY MX	PPM		STRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	*******	*******		*******	*******	3.2	(21) PPB	0	01/90	GR
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	******* **** ****		*******	*******	REPORT DAILY MX	PPB		STRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	*******	0.072	(03) MGD	*******	*******	*******		0	01/90	ES
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	REPORT DAILY MX	MGD	*******	*******	*******	**** ****		STRLY	ESTIM
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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

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

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

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	448-5902	2006	4	21

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

ERMITTEE NAME/ADDRESS (Include Facility Name/ Location if Different)
IAME GENERAL ELECTRIC CORPORATION
DDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
ACILITY GENERAL ELECTRIC COMPANY
OCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

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

MA0003891	SUM B
PERMIT NUMBER	DISCHARGE NUMBER

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

Form Approved.
OMB No. 2040-0004

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	03	01	TO	05	03	31

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

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
IDAEL STATRE 48HR AC J 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										

AME/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	4	21
AREA CODE	NUMBER	YEAR	MO	DAY

MMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
ONTHLY DRY WEATHER TESTING. COMPOSITE PROPORTIONATE TO FLOW. FOR JULY, AUG., SEPT. REPORT ACUTE AND HRONIC. SEE DMR SUMC FOR QUARTERLY WET WEATHER ACUTE. SUBMIT THIS DMR WITH A NODI '9' WHEN SUBMITTING ~~ET WEATHER RESULTS ON DMR SUMC.~~

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

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	005 A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	01	01	TO	05	03	31

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

*** NO DISCHARGE ! ! ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		7.9	******	7.9	(12)	0	01/90	GR
00400 S 0 0	PERMIT REQUIREMENT	******	******	***	6.0	******	9.0	SU		STRLY	RANG-G
SEE COMMENTS BELOW				****	MINIMUM		MAXIMUM	SU			
PH	SAMPLE MEASUREMENT	******	******		NODI C	******	NODI C	(12)			
00400 U 0 0	PERMIT REQUIREMENT	******	******	***	6.0	******	9.0			STRLY	RANG-G
SEE COMMENTS BELOW				****	MINIMUM		MAXIMUM	SU			
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	0	(20)	0	01/90	GR
00556 S 0 0	PERMIT REQUIREMENT	******	******	***	******	******	15	PPM		STRLY	GRAB
SEE COMMENTS BELOW				****			DAILY MX	PPM			
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	NODI C	(20)			
00556 U 0 0	PERMIT REQUIREMENT	******	******	***	******	******	15			STRLY	GRAB
SEE COMMENTS BELOW				****			DAILY MX	PPM			
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	4.5	(21)	0	01/90	GR
39516 S 0 0	PERMIT REQUIREMENT	******	******	***	******	******	REPORT	PPB		STRLY	GRAB
SEE COMMENTS BELOW				****			DAILY MX	PPB			
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	NODI C	(21)			
39516 U 0 0	PERMIT REQUIREMENT	******	******	***	******	******	REPORT			STRLY	GRAB
SEE COMMENTS BELOW				****			DAILY MX	PPB			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.02	(03) MGD	******	******	******		0	01/90	ES
50050 S 0 0	PERMIT REQUIREMENT	******	REPORT		******	******	******	****		STRLY	ESTIM
SEE COMMENTS BELOW			DAILY MX	MGD				****			

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	4	21
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE / NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
QUARTERLY. SAMPLE AT POINT OF DISCHARGE. SEE PAGES 16-17 FOR WET WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'S'. SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'U'. IF NO DISCHARGE USE '9'.

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

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	005 A
PERMIT NUMBER	DISCHARGE NUMBER

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

	MONITORING PERIOD					
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	01	01	TO	05	03	31

*** NO DISCHARGE | ___ | ***

NOTE: Read instructions before completing this form.

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			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)	413	448-5902	2005	4	[illegible]
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
QUARTERLY. SAMPLE AT POINT OF DISCHARGE. SEE PAGES 16-17 FOR WET WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'S'. SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING ~~LOCATION OF 'U'. IF NO DISCHARGE USE '9'.~~

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

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 B
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	01	01	TO	05	03	31

*** NO DISCHARGE | | ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		7.7	******	7.7	(12) SU	0	01/90	GR
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	0	(20) PPM	0	01/90	GR
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	7.4	(21) PPB	0	01/90	GR
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.029	(03) MGD	******	******	******		0	01/90	ES
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	**** ****		QTRLY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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

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

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

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	448-5902	2005	4	21

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

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	006 1
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	01	01	TO	05	03	31

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

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
H	SAMPLE MEASUREMENT	*******	*******		7.3 7.7- 7.6	*******	7.3 7.7- 7.6	(12)	0	01/90	GR
0400 S 0 0	PERMIT REQUIREMENT	*******	*******	**** ****	6.0 MINIMUM	*******	9.0 MAXIMUM	SU SU		QTRLY	RANG-G
EE COMMENTS BELOW											
H	SAMPLE MEASUREMENT	*******	*******		NODI [C]	*******	NODI [C]	(12)			
0400 U 0 0	PERMIT REQUIREMENT	*******	*******	**** ****	6.0 MINIMUM	*******	9.0 MAXIMUM	SU		QTRLY	RANG-G
EE COMMENTS BELOW											
IL & GREASE	SAMPLE MEASUREMENT	*******	*******		*******	*******	4.1	(20)	0	01/90	GR
0556 S 0 0	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	15 DAILY MX	PPM PPM		QTRLY	GRAB
EE COMMENTS BELOW											
IL & GREASE	SAMPLE MEASUREMENT	*******	*******		*******	*******	NODI [C]	(20)			
0556 U 0 0	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	15 DAILY MX	PPM		QTRLY	GRAB
EE COMMENTS BELOW											
LYCHLORINATED IPHENYLS (PCBS)	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.29	(21)	0	01/90	GR
7516 S 0 0	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT DAILY MX	PPB PPB		QTRLY	GRAB
EE COMMENTS BELOW											
LYCHLORINATED IPHENYLS (PCBS)	SAMPLE MEASUREMENT	*******	*******		*******	*******	NODI [C]	(21)			
7516 U 0 0	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT DAILY MX	PPB		QTRLY	GRAB
EE COMMENTS BELOW											
OW, IN CONDUIT OR RU TREATMENT PLANT	SAMPLE MEASUREMENT	*******	0.014	(03) MGD	*******	*******	*******		0	01/90	ES
0050 S 0 0	PERMIT REQUIREMENT	*******	REPORT DAILY MX	MGD	*******	*******	*******	**** ****		QTRLY	ESTIM
EE COMMENTS BELOW											

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

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

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

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	448-5902	2005	4	27

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
QUARTERLY. SAMPLE AT POINT OF DISCHARGE. SEE PAGES 16-17 FOR WET WEATHER REQUIREMENTS. FOR LIMITS WITH MONITORING LOCATION OF 'S'. SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION 'U'. IF NO DISCHARGE USE '9'.

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	006 1
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	01	01	TO	05	03	31

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

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	*******	NODI C	(03)	*******	*******	*******				
50050 U 0 0	PERMIT REQUIREMENT	*******	REPORT DAILY MX	MGD	*******	*******	*******	**** ****		QTRLY	ESTIMA
SEE COMMENTS BELOW	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		
AREA CODE	NUMBER	YEAR	MO	DAY
413	448-5902	2005	4	21

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
UARTERLY. SAMPLE AT POINT OF DISCHARGE. SEE PAGES 16-17 FOR WET WEATHER REQUIREMENTS. FOR LIMITS WITH
ONITORING LOCATION OF 'S'. SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION
F 'U'. IF NO DISCHARGE USE 'Q'.

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

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	006 A
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	01	01	TO	05	03	31

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

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	*******	*******		7.3	*******	7.3	(12) SU	0	01/90	GR
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	*** ***	6.0 MINIMUM	*******	9.0 MAXIMUM	SU		1TPLY	RANG
OIL & GREASE	SAMPLE MEASUREMENT	*******	*******		*******	*******	6.2	(20) PPM	0	01/90	GR
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	*** ***	*******	*******	15 DAILY MX	PPM		3TRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	*******	*******		*******	*******	2.2	(21) PPB	0	01/90	GR
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	*** ***	*******	*******	REPORT DAILY MX	PPB		3TRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	*******	0.072	(03) MGD	*******	*******	*******		0	01/90	ES
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	REPORT DAILY MX	MGD	*******	*******	*******	**** ****		3TRLY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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

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

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

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	448-5902	2005	4	21

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

Form Approved.
OMB No. 2040-0004

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

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

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	009 D

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	01	01	TO	05	03	31

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

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2005	4	21
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE NUMBER	YEAR	MO	DAY

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

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	SBO 1
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	01	01	TO	05	03	31

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

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	*******	*******		NODI [E]	*******	NODI [E]	(12)			
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	**** ****	6.0 MINIMUM	*******	9.0 MAXIMUM	SU		1/TRLY	GRAB
OIL & GREASE	SAMPLE MEASUREMENT	*******	*******		*******	*******	NODI [E]	(20)			
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	15 DAILY MX	PPM		1/TRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	*******	*******		*******	*******	NODI [E]	(21)			
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT DAILY MX	PPB		2/TRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	*******	NODI [E]	(03)	*******	*******	*******				
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	REPORT DAILY MX	MGD	*******	*******	*******	**** ****		1/TRLY	EST.24HR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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

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

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

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	448-5902	2005	4	21

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

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

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	SRO 2
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	01	01	TO	05	03	31

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

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	448-5902	2005	4	21

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

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	SRO 3
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	01	01	TO	05	03	31

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

*** NO DISCHARGE ( ) ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		NODI [E]	******	NODI [E]	(12)			
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		STRLY	RANDOM
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(20)			
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		STRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(21)			
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		STRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	NODI [E]	(03)	******	******	******				
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	**** ****		STRLY	ESTIM
	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	4	21
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE / NUMBER	YEAR	MO	DAY

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

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	SRO 4
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	01	01	TO	05	03	31

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

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	*******	*******		8.6	*******	8.6	(12) SU	0	01/90	GR
00400 1 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	**** ****	6.0 MINIMUM	*******	9.0 MAXIMUM	SU		STRLY	RANG-G
OIL & GREASE	SAMPLE MEASUREMENT	*******	*******		*******	*******	7.5	(20) PPM	0	01/90	GR
00556 1 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	15 DAILY MX	PPM		STRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	*******	*******		*******	*******	4.8	(21) PPB	0	01/90	GR
39516 1 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	**** ****	*******	*******	REPORT DAILY MX	PPB		STRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	*******	0.14	(03) MGD	*******	*******	*******		0	01/90	ES
50050 1 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	REPORT DAILY MX	MGD	*******	*******	*******	**** ****		STRLY	ESTIM
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	448-5902	2005	4	21

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

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	580 5
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	01	01	TO	05	03	31

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

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		NODI [E]	******	NODI [E]	(12)			
00400 1 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	7.0 MAXIMUM	SU		STRLY	RANG
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(20)			
00556 1 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		STRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(21)			
39516 1 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		STRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	NODI [E]	(03)	******	******	******				
50050 1 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	**** ****		STRLY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2005	4	21
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE / NUMBER	YEAR	MO	DAY

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

Attachment C

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

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

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

Samples collected in April 2005

Submitted to:

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

SGS Sample ID: TA5-D0-P232

Study Director: Ken Holliday

22 April 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

April 22, 2005
Date

Titshina L. Mims
Technical Writer

April 22, 2005
Date

Barbara Hensley
Project Manager
barbara_hensley@sgs.com

April 22, 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: April 22, 2005
Date

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-D0-P232
Test Material:	Composite effluent from the General Electric Company located in Pittsfield, Massachusetts
GE Sample ID:	A6425C
Dilution Water:	Water from the Housatonic River (grab sample)
GE Sample ID:	A6424R
Dates Collected:	April 11, 2005 to April 12, 2005
Date Received:	April 13, 2005
Test Dates:	April 13, 2005 to April 15, 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 April 13, 2005 to April 15, 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 (A6425C) was collected by GE personnel April 11, 2005 to April 12, 2005. Upon receipt at SGS on April 13, 2005, the sample temperature was 4.7° C. The effluent sample was characterized as having

Parameter	Result
Total Hardness	370
Alkalinity (as $CaCO_3$)	370
pH	7.38
Specific Conductance	1338
Dissolved Oxygen Concentration*	8.64

*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 (A6424R) was collected by General Electric personnel on April 12, 2005. Upon receipt at SGS on April 13, 2005, the sample temperature was 4.7°C. The dilution water was characterized as having

Parameter	Result
Total Hardness	80
Alkalinity (as $CaCO_3$)	34
pH	6.12
Specific Conductance	133
Dissolved Oxygen Concentration*	9.02

*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	100
Alkalinity (as $CaCO_3$)	68
pH	7.09
Specific Conductance	324
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

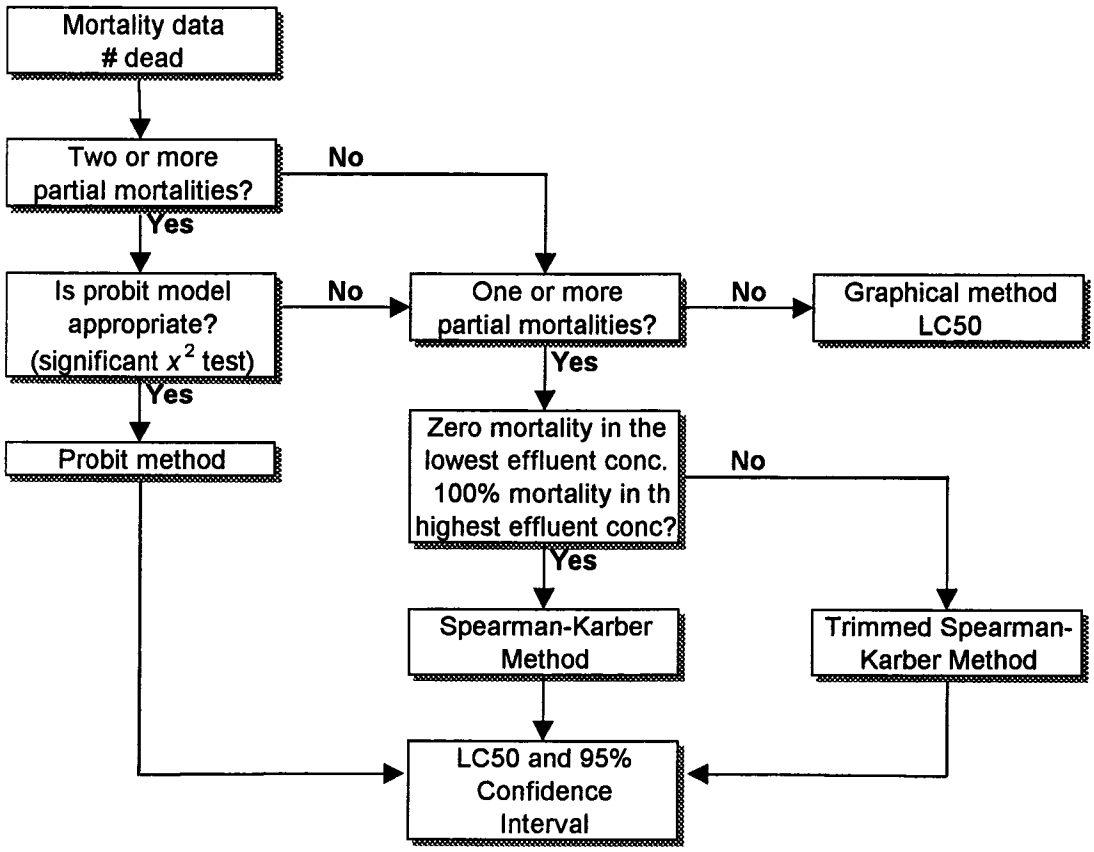
A 48-hour reference toxicity test exposing *Daphnia pulex* to sodium chloride (NaCl) was conducted from April 13, 2005 to April 15, 2005. The reference test was conducted to establish the health of the test organisms. The reference toxicity test included five NaCl concentrations and a dilution water 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 April 13, 2005 to April 15, 2005, and the resulting 48-hour LC50 was estimated by Trimmed Spearman-Karber Method to be 2176 mg NaCl/L (95% confidence intervals of 1849 to 2560 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 (A6425C)	Housatonic River (A6424R)
Temperature	19.7°C	19.7°C
pH	7.38	6.12
Alkalinity (as $CaCO_3$)	370 mg/L	34 mg/L
Hardness (as $CaCO_3$)	370 mg/L	80 mg/L
Dissolved Oxygen	8.64 mg/L	9.02 mg/L
Specific Conductivity	1338 μmhos/cm	133 μmhos/cm
Salinity	N/A	N/A
Total Residual Chlorine	ND	ND
Ammonia as N (0-Hour)	ND	ND
Total Phosphorus as P	ND	ND
Chloride	160 mg/L	14 mg/L
Total Suspended Solids	ND	ND
Total Solids	680 mg/L	54 mg/L
Total Organic Carbon	4.0 mg/L	2.6 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	7.09	7.13	7.19	8.78	8.64	8.58	19.7	20.5	20.8
Secondary Ref Control	7.13	7.20	7.20	8.84	8.70	8.62	19.7	20.5	20.8
Dilution Water Control	6.12	6.17	6.21	9.02	8.90	8.80	19.7	20.5	20.8
5% Effluent	6.22	6.28	6.33	9.03	8.91	8.87	19.7	20.5	20.8
15% Effluent	6.31	6.37	6.42	8.92	8.87	8.81	19.7	20.5	20.8
35% Effluent	6.57	6.61	6.65	8.86	8.72	8.68	19.7	20.5	20.8
50% Effluent	6.97	7.08	7.11	8.80	8.75	8.67	19.7	20.5	20.8
75% Effluent	7.22	7.27	7.31	8.77	8.70	8.64	19.7	20.5	20.8
100% Effluent	7.38	7.37	7.42	8.64	8.60	8.55	19.7	20.5	20.8

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**
Effective Date:	**October 20, 1998**

UNCONTROLLED COPY

Document Control Number: 7002.

Approved by: _____ Supervisor — Date: 10/21/98

Approved by: _____ 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.

CT&E Environmental Services Inc.
Standard Operating Procedure

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).

CT&E Environmental Services Inc.
Standard Operating Procedure

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

CT&E Environmental Services Inc.
Standard Operating Procedure

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

Document Control Number: 7005

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

Approved by: Lynda 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.

CT&E Environmental Services Inc.
Standard Operating Procedure

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.

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**

Document Control Number: **7005**

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

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

UNCONTROLLED COPY

Document Control Number: 7006

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

Approved by: Lynda M. Work (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.

CT&E Environmental Services Inc.

Standard Operating Procedure

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**

UNCONTROLLED COPY

Document Control Number: 7008

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

Approved by: 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

CT&E Environmental Services Inc.
Standard Operating Procedure

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.

037

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**

UNCONTROLLED COPY

Document Control Number: 7009

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

Approved by: Lydia M. Downs (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

Chain of Custody Record

General Electric Co.

100 Woodlawn Ave. Pittsfield, MA 01201

Chain of Custody #: OBG041205

Dry **Weather Acute Aquatic Toxicity for** April 2005 TAS-DOP232-Y2

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
1 A6425C	4/11 to 4/12/05	11^00 AM	1 Gallon plastic	Definitive Test(LC50 and NOAEL), Static acute toxicity, 48 hr w/ Daphnia pulex	Chilled	(See below)
1 A6425C	4/11 to 4/12/05	11^00 AM	1000 ml. plastic	Chloride, TSS,Total Solids, Alkalinity Specific Conductance, CL2	Chilled	
1 A6425C	4/11 to 4/12/05	11^00 AM	500 ml. plastic	Total Phosphorus, TOC, NH3	H2SO4	
2 A6424R	4/12/05	8^15 AM	1 Gallon plastic	Housatonic River water dilution water for definitive test	Chilled	
2 A6424R	4/12/05	8^15 AM	1000 ml. plastic	Chloride, TSS,Total Solids, Alkalinity Specific Conductance, CL2	Chilled	
2 A6424R	4/12/05	8^15 AM	500 ml. plastic	Total Phosphorus, TOC, NH3	H2SO4	

Relinquished By:	Date/Time	Received By:	Date/Time
Mark Wasnewsky	4-12-05	[signature]	4-12-05 1400
Relinquished By: [signature]	Date/Time 4-12-05 1430	Received By: [signature]	Date/Time 4/13/05 0950

Additional Comments: The effluent sample being analyzed for toxicity is a flow-proportioned composite. Each outfall sample is a 24-hour composite. The sample collection times for each outfall are as follows:

001- 7^45 AM **004-** / **005-64T-** 7^00 AM **005-64G-** 7^00 AM **007-** / **09A-** / **09B-** / 4.7°C

The time of compositing the final flow-proportioned sample was 11^00 **A.M.**

1.5 mL

Appendix III

Bench Data

General Electric – 48-hour Acute Biotoxicity Bench Sheet

Client: General Electric

Project: DRY WEATHER ACUTE Lab. No.: JAS-DO-P232-001/002

Date Received: 04/13/05

Sample Date: 04/11-12/05 Time: 11:00 Date Analyzed: 04/15/05

Source: EFFLUENT COMPOSITE Analyst(s): KH

Source of dilution water: Housatonic River

Test Species: *Daphnia pulex* Age: <24 hrs. Temp. Range: °C

Type of Test: 48-Hour Static Acute

Total Chlorine: n/d

	Beginning	Ending
Date:	04/13/05	04/15/05
Time:	10:30	10:30

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	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
Hardness	80	100	110						370
D.O.	9.02	8.78	8.84	9.03	8.92	8.86	8.80	8.77	8.64
pH	6.12	7.09	7.13	6.22	6.31	6.57	6.97	7.22	7.38
Alkalinity	34	68	70						370
Sp. Conduct.	133	324	334	157	322	567	758	1241	1338
24 HOUR									
No. Surviving	20	20	20	20	20	20	20	20	20
Temperature	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
D.O.	8.90	8.64	8.70	8.91	8.87	8.72	8.75	8.70	8.60
pH	6.17	7.13	7.20	6.28	6.37	6.61	7.08	7.27	7.37
Sp. Conduct.	139	331	342	167	329	571	773	1258	1322
48 HOUR									
No. Surviving	20	20	20	20	20	20	20	20	20
Temperature	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
D.O.	8.80	8.58	8.62	~~6.33~~ 8.87	~~6.48~~ 8.81	8.68	8.67	8.64	8.55
pH	6.21	7.19	7.20	6.53	6.42	6.65	7.11	7.31	7.42
Sp. Conduct.	150	345	357	177	344	583	791	1241	1329

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.

f:\public\forms\bioassay\GE bench sheet-acute.doc

Acute Biotoxicity Bench Sheet

044

Client: QC

Project: Reference Toxicant Lab. No.: –

Date Received:

Sample Date: Time: Date Analyzed:

Source: NaCl Analyst: KH

Source of dilution water: Moderately Hard Synthetic Water

Test Species: Daphnia pulex Age: <24 hrs Temp. Range: °C

Type of Test: 48 Hour Acute

Total Chlorine: n/d

	Beginning	Ending
Date:	04/13/05	04/15/05
Time:	1500	1500

Concentration	Control		625	1250	2500	5000	10,000
START							
Temperature	20.7		20.7	20.7	20.7	20.7	20.7
Hardness	110						110
D.O.	8.7		8.7	8.7	8.8	8.8	8.8
pH	7.0		7.1	7.2	7.2	7.2	7.2
Alkalinity	69						75
Sp. Conduct.	316		1830	2840	5710	10710	14280
24 HOUR							
Temperature	20.4		20.4	20.4	20.4	20.4	20.4
No. Surviving	20		20	20	12	6	0
48 HOUR							
Temperature	20.6		20.6	20.6	20.6	20.6	20.6
No. Surviving	20		20	19	7	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.

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: 04/13/05 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	1	13	20	20

SPEARMAN-KARBER TRIM: 0.00%

SPEARMAN-KARBER ESTIMATES: LC50: 2176.38
95% LOWER CONFIDENCE: 1849.85
95% UPPER CONFIDENCE: 2560.54

Appendix IV

U.S. EPA Region I Toxicity Test Summary

NPDES Permit No. MA000 3891
SGS ID number: TA5-D0-P232
April 22, 2005 047

Toxicity Test Summary Sheet

Facility Name: General Electric Co. Test Start Date: April 13, 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): April 11, 2005 to April 12, 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: April 13, 2005 to April 15, 2005

N/A= not applicable

NPDES Permit No. MA000 3891
SGS ID number: TA5-D0-P232
April 22, 2005 048

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