GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

Transmitted via Overnight Courier

February 9, 2007

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

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

Re: GE-Pittsfield/Housatonic River Site
Monthly Status Report Pursuant to Consent Decree for January 2007 (GECD900)

Dear Mr. Tagliaferro and Ms. Steenstrup:

Enclosed are copies of General Electric's (GE's) monthly progress report for January 2007 activities conducted by GE at the GE-Pittsfield/Housatonic River Site. This monthly report is submitted pursuant to Paragraph 67 of the Consent Decree (CD) for this Site, which was entered by the U.S. District Court on October 27, 2000.

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

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

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

Sincerely,

Richard W. Gates /JAP

Richard W. Gates
Remediation Project Manager

Enclosure
V:\GE_Pittsfield_General\Reports and Presentations\Monthly Reports\2007\01-07 CD Monthly\Letter.doc

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

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

January 2007

MONTHLY STATUS REPORT

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

GENERAL ELECTRIC COMPANY

PITTSFIELD, MASSACHUSETTS

Background

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

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

General Activities (GECD900)

GE Plant Area (non-groundwater)

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

Former Oxbow Areas (non-groundwater)

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

Housatonic River

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

Housatonic River Floodplain

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

Other Areas

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

Groundwater Management Areas (GMAs)

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

GENERAL ACTIVITIES
GE-PITTSFIELD/HOUSATONIC RIVER SITE
(GECD900)
JANUARY 2007

a. Activities Undertaken/Completed

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

b. Sampling/Test Results Received

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

- NPDES Discharge Monitoring Reports (DMRs) for the period of December 1 through December 31, 2006, are provided in Attachment B to this report.

- GE received a report from Columbia Analytical Services, Inc. (CAS) titled *NPDES Biomonitoring Report for January 2007*, which included analytical results for samples collected for NPDES-related whole effluent toxicity testing, as well as an attached report from Aquatec Biological Sciences providing the results of the whole effluent toxicity testing performed in January 2007. A copy of this document is provided in Attachment C.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue NPDES sampling and monitoring activities.

- Attend public and Citizens Coordinating Council (CCC) meetings, as appropriate.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Awaiting final approval of revised draft *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP) and *Project Operations Plan* (POP), submitted to EPA on December 7, 2006.*

f. Proposed/Approved Work Plan Modifications

None

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

a. Activities Undertaken/Completed

- Prepared draft Grant of Environmental Restriction and Easement (ERE) and associated Plan of Restricted Area for the 40s Complex.*

- Completed development of plans for soil sampling in the vicinity of planned utility lines to be installed by the Pittsfield Economic Development Authority (PEDA) at the former 20s and 30s Complexes and the adjacent portion of Woodlawn Avenue.

- Conducted drum sampling at Building 78 of debris from Building 31W, as identified in Table 1-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Sent draft ERE and associated Plan of Restricted Area for the 40s Complex to EPA and MDEP for review (January 13, 2007).*

- PEDA submitted to EPA and MDEP plans (prepared by GE) for soil sampling in the vicinity of PEDA's planned utility lines at the former 20s and 30s Complexes and the adjacent portion of Woodlawn Avenue in accordance with the requirements of the EREs for those areas (January 23, 2007). (The sampling plan for this portion of Woodlawn Avenue was submitted on behalf of GE, which is the owner of that area. PEDA is the owner of the 20s and 30s Complexes.)

- Sent draft plan to EPA for additional soil sampling at the 40s Complex at the frequency required for unpaved areas under the CD, as requested by PEDA (January 25, 2007).*

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

- Discuss draft ERE and Plan of Restricted Area for the 40s Complex with EPA, MDEP, and PEDA.*

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

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

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Awaiting EPA's comments on GE's December 21, 2006 proposal for the remaining at-grade concrete slabs of former Buildings 42, 43/43A, and 44, which also addressed certain issues relative to the final restoration of previously placed crushed demolition debris.*

f. Proposed/Approved Work Plan Modifications

None

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
30's Complex Sampling Well Installation Soil	30-Well-Soil-1	12/21/06	Soil	SGS	PCB, TCLP	1/12/07
Building 31W Debris Sampling	A3215-1	1/2/07	Solid	SGS	PCB	1/9/07
Building 31W Debris Sampling	A3241-1	1/2/07	Solid	SGS	PCB	1/9/07
Building 31W Debris Sampling	A3249-1	1/2/07	Solid	SGS	PCB	1/9/07
Building 31W Debris Sampling	A3255-1	1/2/07	Solid	SGS	PCB	1/9/07
Building 31W Debris Sampling	A3320-1	1/2/07	Solid	SGS	PCB	1/9/07

TABLE 1-2
PCB DATA RECEIVED DURING JANUARY 2007

BUILDING 31W DEBRIS SAMPLING
20s, 30s, 40s COMPLEX
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
A3215-1	1/2/2007	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
A3241-1	1/2/2007	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
A3249-1	1/2/2007	ND(0.17)	0.87	0.57	1.44
A3255-1	1/2/2007	ND(0.20)	0.59	0.61	1.2
A3320-1	1/2/2007	ND(0.12)	1.3	0.62	1.92

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

TABLE 1-3
PCB DATA RECEIVED DURING JANUARY 2007

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

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248, -1254	Aroclor-1260	Total PCBs
30-Well-Soil-1	12/21/2006	ND(0.37)	0.78	0.78

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

TABLE 1-4
TCLP DATA RECEIVED DURING JANUARY 2007

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

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	30-Well-Soil-1 12/21/2006
Volatile Organics		
1,1-Dichloroethene	0.7	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)
2-Butanone	200	ND(0.25)
Benzene	0.5	ND(0.010)
Carbon Tetrachloride	0.5	ND(0.010)
Chlorobenzene	100	ND(0.010)
Chloroform	6	ND(0.010)
Tetrachloroethene	0.7	ND(0.010)
Trichloroethene	0.5	ND(0.010)
Vinyl Chloride	0.2	ND(0.010)
Semivolatile Organics		
1,4-Dichlorobenzene	7.5	ND(0.010)
2,4,5-Trichlorophenol	400	ND(0.010)
2,4,6-Trichlorophenol	2	ND(0.010)
2,4-Dinitrotoluene	0.13	ND(0.010)
Cresol	200	ND(0.010)
Hexachlorobenzene	0.13	ND(0.010)
Hexachlorobutadiene	0.5	ND(0.010)
Hexachloroethane	3	ND(0.010)
Nitrobenzene	2	ND(0.010)
Pentachlorophenol	100	ND(0.050)
Pyridine	5	ND(0.010)
Inorganics		
Arsenic	5	ND(0.200)
Barium	100	0.489 B
Cadmium	1	0.0169 B
Chromium	5	0.0321 B
Lead	5	0.0163 B
Mercury	0.2	0.000269 B
Selenium	1	ND(0.200)
Silver	5	0.0276 B

Notes:

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

Data Qualifiers:

Inorganics

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

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

a. Activities Undertaken/Completed

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

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted report on annual inspection of cover at City Recreational Area (January 3, 2007).*
- Sent revised draft of ERE and associated survey plan for City Recreational Area to EPA and MDEP for review (January 15, 2007).*

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

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

TABLE 2-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2007

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Building 64G Compressor Oil Sampling	F2864-1	12/21/06	Oil	SGS	PCB	1/10/07
Building 64G LPCA Monitoring	A7-64G-01	1/2/07	Water	Columbia	VOC	1/10/07
Building 64G LPCA Monitoring	A7-64G-02	1/2/07	Water	Columbia	SVOC	1/10/07
Building 64G LPCA Monitoring	A7-64G-03	1/2/07	Water	Accutest	PCB	1/17/07
Building 64G LPCA Monitoring	A7-64G-04	1/2/07	Water	Columbia	Oil & Grease	1/10/07
Building 64G LPCA Monitoring	A7-64G-05	1/2/07	Water	Columbia	VOC	1/10/07
Building 64G LPCA Monitoring	A7-64G-06	1/2/07	Water	Columbia	SVOC	1/10/07
Building 64G LPCA Monitoring	A7-64G-07	1/2/07	Water	Accutest	PCB	1/17/07
Building 64G LPCA Monitoring	A7-64G-08	1/2/07	Water	Columbia	Oil & Grease	1/10/07
Building 64G LPCA Monitoring	A7-64G-09	1/2/07	Water	Columbia	VOC	1/10/07
Building 64G LPCA Monitoring	A7-64G-10	1/2/07	Water	Columbia	SVOC	1/10/07
Building 64G LPCA Monitoring	A7-64G-11	1/2/07	Water	Accutest	PCB	1/17/07
Building 64G LPCA Monitoring	A7-64G-12	1/2/07	Water	Columbia	Oil & Grease	1/10/07
Building 64G LPCA Monitoring	A7-64G-13	1/2/07	Water	Columbia	VOC	1/10/07
Building 64G LPCA Monitoring	A7-64G-14	1/2/07	Water	Columbia	SVOC	1/10/07
Building 64G LPCA Monitoring	A7-64G-15	1/2/07	Water	Accutest	PCB	1/17/07
Building 64G LPCA Monitoring	A7-64G-16	1/2/07	Water	Columbia	Oil & Grease	1/10/07
Building 78 Drum Sampling - Decon Water from Oil/Water Separators	B0581-1, B1444-1, B0475-1	12/6/06	Liquid	SGS	PCB, VOC, SVOC, Total RCRA Metals	1/2/07
Tank Sampling Building 64	BLDG.64-TANK-K	12/15/06	Oil	SGS	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals	1/10/07

TABLE 2-2
DATA RECEIVED DURING JANUARY 2007

DECON WATER FROM OIL/WATER SEPARATORS
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	B0581-1, B1444-1, B0475-1 12/06/06
Volatile Organics	
Ethylbenzene	0.93 J
Toluene	0.69 J
Xylenes (total)	5.4
PCBs-Unfiltered	
Aroclor-1260	0.019
Total PCBs	0.019
Semivolatile Organics	
2-Methylnaphthalene	1.8
bis(2-Ethylhexyl)phthalate	0.34 J
Naphthalene	0.91 J
Phenanthrene	0.25 J
Inorganics-Unfiltered	
Barium	0.0338 B
Cadmium	0.00166 B
Chromium	0.0119
Lead	0.590
Mercury	0.000944
Selenium	0.0164 B
Silver	0.00110 B

Notes:

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

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles)

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

Inorganics

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

TABLE 2-3
DATA RECEIVED DURING JANUARY 2007

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

Parameter / Sample ID: / Date Collected:	Bldg.64-Tank-K 12/15/06
Volatile Organics	
Benzene	120 J
Chlorobenzene	270
Ethylbenzene	490
Xylenes (total)	410
PCBs	
Aroclor-1260	1800
Total PCBs	1800
Semivolatile Organics	
1,4-Dichlorobenzene	58 J
2-Methylnaphthalene	550
Acenaphthene	1000
Acenaphthylene	96 J
Anthracene	430 J
Benzo(a)anthracene	250 J
Benzo(a)pyrene	180 J
Benzo(b)fluoranthene	130 J
Chrysene	220 J
Fluoranthene	600
Fluorene	530
Naphthalene	3600
Phenanthrene	1800
Pyrene	820
Inorganics	
Barium	0.906 B
Cadmium	0.183 B
Chromium	0.620 B
Lead	0.323 B
Selenium	3.51
Conventionals	
Flashpoint (^{o}F)	>200

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

Data Qualifiers:

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

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

TABLE 2-4
PCB DATA RECEIVED DURING JANUARY 2007

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

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
F2864-1	12/21/2006	ND(9.7)	ND(9.7)	ND(9.7)	ND(9.7)	ND(9.7)	ND(9.7)	ND(9.7)	ND(9.7)

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

TABLE 2-5
DATA RECEIVED DURING JANUARY 2007

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

Parameter / Sample ID: / Date Collected:	A7-64G-01 01/02/07	A7-64G-02 01/02/07	A7-64G-03 01/02/07	A7-64G-04 01/02/07	A7-64G-05 01/02/07	A7-64G-06 01/02/07	A7-64G-07 01/02/07	A7-64G-08 01/02/07
Volatile Organics								
1,1,1-Trichloroethane	0.0028	NA	NA	NA	0.0028	NA	NA	NA
1,1-Dichloroethane	0.0019	NA	NA	NA	0.0020	NA	NA	NA
Benzene	0.034	NA	NA	NA	0.00027	NA	NA	NA
bis(Chloromethyl)ether	Not present	NA	NA	NA	Not present	NA	NA	NA
Chlorobenzene	0.16	NA	NA	NA	0.0017	NA	NA	NA
Chloroethane	0.00081	NA	NA	NA	0.00076	NA	NA	NA
Chloroform	ND(0.00017)	NA	NA	NA	0.00032	NA	NA	NA
Ethylbenzene	0.053	NA	NA	NA	ND(0.00017)	NA	NA	NA
Toluene	0.0022	NA	NA	NA	ND(0.00011)	NA	NA	NA
trans-1,2-Dichloroethene	0.00024	NA	NA	NA	ND(0.00022)	NA	NA	NA
Trichloroethene	0.00041	NA	NA	NA	0.00027	NA	NA	NA
Vinyl Chloride	0.0053	NA	NA	NA	0.0029	NA	NA	NA
PCBs-Unfiltered								
None Detected	NA	NA	--	NA	NA	NA	--	NA
Semivolatile Organics								
1,2,4-Trichlorobenzene	NA	0.0019 J	NA	NA	NA	ND(0.0051)	NA	NA
1,3-Dichlorobenzene	NA	0.0039 J	NA	NA	NA	0.00054 J	NA	NA
1,4-Dichlorobenzene	NA	0.0095	NA	NA	NA	ND(0.0051)	NA	NA
2,4-Dimethylphenol	NA	0.0054	NA	NA	NA	ND(0.0051)	NA	NA
2-Chlorophenol	NA	0.00099 J	NA	NA	NA	ND(0.0051)	NA	NA
Acenaphthene	NA	0.041	NA	NA	NA	ND(0.0051)	NA	NA
Acenaphthylene	NA	0.0018 J	NA	NA	NA	ND(0.0051)	NA	NA
Anthracene	NA	0.0018 J	NA	NA	NA	ND(0.0051)	NA	NA
Fluoranthene	NA	0.0022 J	NA	NA	NA	ND(0.0051)	NA	NA
Fluorene	NA	0.0061	NA	NA	NA	ND(0.0051)	NA	NA
Naphthalene	NA	0.060	NA	NA	NA	ND(0.0051)	NA	NA
Phenanthrene	NA	0.0021 J	NA	NA	NA	ND(0.0051)	NA	NA
Phenol	NA	0.0017 J	NA	NA	NA	ND(0.0051)	NA	NA
Pyrene	NA	0.0025 J	NA	NA	NA	ND(0.0051)	NA	NA
Conventionals								
Oil & Grease	NA	NA	NA	ND(5.0)	NA	NA	NA	ND(5.0)

TABLE 2-5
DATA RECEIVED DURING JANUARY 2007

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

Parameter / Sample ID: / Date Collected:	A7-64G-09 01/02/07	A7-64G-10 01/02/07	A7-64G-11 01/02/07	A7-64G-12 01/02/07	A7-64G-13 01/02/07	A7-64G-14 01/02/07	A7-64G-15 01/02/07	A7-64G-16 01/02/07
Volatile Organics								
1,1,1-Trichloroethane	0.0027	NA	NA	NA	0.0020	NA	NA	NA
1,1-Dichloroethane	0.0022	NA	NA	NA	0.0022	NA	NA	NA
Benzene	ND(0.00018)	NA	NA	NA	ND(0.00018)	NA	NA	NA
bis(Chloromethyl)ether	Not present	NA	NA	NA	Not present	NA	NA	NA
Chlorobenzene	ND(0.00020)	NA	NA	NA	ND(0.00020)	NA	NA	NA
Chloroethane	0.00082	NA	NA	NA	0.00070	NA	NA	NA
Chloroform	0.00062	NA	NA	NA	0.00064	NA	NA	NA
Ethylbenzene	ND(0.00017)	NA	NA	NA	ND(0.00017)	NA	NA	NA
Toluene	ND(0.00011)	NA	NA	NA	ND(0.00011)	NA	NA	NA
trans-1,2-Dichloroethene	ND(0.00022)	NA	NA	NA	ND(0.00022)	NA	NA	NA
Trichloroethene	ND(0.00026)	NA	NA	NA	ND(0.00026)	NA	NA	NA
Vinyl Chloride	0.0014	NA	NA	NA	0.00037	NA	NA	NA
PCBs-Unfiltered								
None Detected	NA	NA	--	NA	NA	NA	--	NA
Semivolatile Organics								
1,2,4-Trichlorobenzene	NA	ND(0.0051)	NA	NA	NA	ND(0.0051)	NA	NA
1,3-Dichlorobenzene	NA	ND(0.0051)	NA	NA	NA	ND(0.0051)	NA	NA
1,4-Dichlorobenzene	NA	ND(0.0051)	NA	NA	NA	ND(0.0051)	NA	NA
2,4-Dimethylphenol	NA	ND(0.0051)	NA	NA	NA	ND(0.0051)	NA	NA
2-Chlorophenol	NA	ND(0.0051)	NA	NA	NA	ND(0.0051)	NA	NA
Acenaphthene	NA	ND(0.0051)	NA	NA	NA	ND(0.0051)	NA	NA
Acenaphthylene	NA	ND(0.0051)	NA	NA	NA	ND(0.0051)	NA	NA
Anthracene	NA	ND(0.0051)	NA	NA	NA	ND(0.0051)	NA	NA
Fluoranthene	NA	ND(0.0051)	NA	NA	NA	ND(0.0051)	NA	NA
Fluorene	NA	ND(0.0051)	NA	NA	NA	ND(0.0051)	NA	NA
Naphthalene	NA	ND(0.0051)	NA	NA	NA	ND(0.0051)	NA	NA
Phenanthrene	NA	ND(0.0051)	NA	NA	NA	ND(0.0051)	NA	NA
Phenol	NA	ND(0.0051)	NA	NA	NA	ND(0.0051)	NA	NA
Pyrene	NA	ND(0.0051)	NA	NA	NA	ND(0.0051)	NA	NA
Conventionals								
Oil & Grease	NA	NA	NA	ND(5.0)	NA	NA	NA	ND(5.0)

Notes:
1. Samples were collected by General Electric Company and submitted to Accutest Laboratories and Columbia Analytical Services, Inc. for analysis of volatiles, PCBs, semivolatiles, and oil & grease.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
4. With the exception of conventional parameters, only those constituents detected in one or more samples are summarized.
5. -- Indicates that all constituents for the parameter group were not detected.
6. Not present - Calibration for the compound bis(Chloromethyl)ether was not performed and reported as a tentively identified compound (TIC).

Data Qualifiers:

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

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

a. Activities Undertaken/Completed

- Continued pre-demolition removal activities (including equipment and liquids) at Buildings 11, 16, and 16X.

- Initiated pre-mobilization activities (e.g., notifications, technical submittals) for the asbestos removal program at Buildings 11, 16, and 16X.

- Conducted sampling of oil from equipment at Buildings 11 and 16, as identified in Table 3-1.

- Completed pre-demolition building material characterization sampling at Buildings 11 and 16, as identified in Table 3-1.

- Collected and tankered approximately 90,000 gallons of water from Building 9 to Building 64G for treatment.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Submit to EPA evaluation of need for additional soil sampling, along with sampling proposal, for Woodlawn Avenue portion of East Street Area 2-North.*

- Submit to EPA addendum to proposal for disposition of demolition debris from Buildings 7, 17, 17C, and 19.*

- Submit letter to MDEP requesting its concurrence that GE's proposed on-site re-use of suitable crushed demolition debris from Buildings 7, 17, 17C, and 19 meets the substantive requirements of MDEP's regulations for the beneficial use of solid waste.

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

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

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

- Issues relating to on-site use of crushed demolition debris from Buildings 7, 17, 17C, and 19 are under discussion with EPA and MDEP.*

f. Proposed/Approved Work Plan Modifications

Received EPA's conditional approval of GE's August 2006 Final RD/RA Work Plan for East Street Area 2-North (January 16, 2007).

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Building 11 & 16 Equipment Oil Sampling	C2002-1	1/22/07	Oil	SGS	PCB	
Building 11 & 16 Equipment Oil Sampling	C2003-1	1/22/07	Oil	SGS	PCB	
Building 11 & 16 Equipment Oil Sampling	C2004-1	1/22/07	Oil	SGS	PCB	
Building 11 & 16 Equipment Oil Sampling	C2005-1	1/23/07	Oil	SGS	PCB	
Building 11 & 16 Equipment Oil Sampling	C2006-1	1/23/07	Oil	SGS	PCB	
Building 11 & 16 Equipment Oil Sampling	C2102-1	1/22/07	Oil	SGS	PCB	
Building 11 & 16 Equipment Oil Sampling	C2121-1	1/22/07	Oil	SGS	PCB	
Building 11 & 16 Equipment Oil Sampling	C2124-1	1/22/07	Oil	SGS	PCB	
Building 11 & 16 Equipment Oil Sampling	C2130-1	1/22/07	Oil	SGS	PCB	
Building 11 & 16 Equipment Oil Sampling	C2143-1	1/22/07	Oil	SGS	PCB	
Building 11 & 16 Equipment Oil Sampling	C2152-1	1/22/07	Oil	SGS	PCB	
Building 11 & 16 Equipment Oil Sampling	C2153-1	1/22/07	Oil	SGS	PCB	
Building 11 & 16 Equipment Oil Sampling	C2154-1	1/22/07	Oil	SGS	PCB	
Building 11 & 16 Equipment Oil Sampling	C2155-1	1/22/07	Oil	SGS	PCB	
Building 11 & 16 Equipment Oil Sampling	C2156-1	1/22/07	Oil	SGS	PCB	
Building 11 & 16 Equipment Oil Sampling	C2157-1	1/22/07	Oil	SGS	PCB	
Building 11 & 16 Equipment Oil Sampling	C2158-1	1/22/07	Oil	SGS	PCB	
Building 11 & 16 Equipment Oil Sampling	C2159-1	1/23/07	Oil	SGS	PCB	
Building 11 & 16 Equipment Oil Sampling	C2160-1	1/23/07	Oil	SGS	PCB	
Building 11 & 16 Equipment Oil Sampling	C2161-1	1/22/07	Oil	SGS	PCB	
Building 11 & 16 Equipment Oil Sampling	C2162-1	1/23/07	Oil	SGS	PCB	
Building 11 & 16 Equipment Oil Sampling	C2163-1	1/23/07	Oil	SGS	PCB	
Building 11 & 16 Equipment Oil Sampling	C2164-1	1/22/07	Oil	SGS	PCB	
Building 11 & 16 Equipment Oil Sampling	C2165-1	1/23/07	Oil	SGS	PCB	
Building 11 & 16 Equipment Oil Sampling	C2176-1	1/22/07	Oil	SGS	PCB	
Building 11 Characteristic Sampling	11-1-W1	1/24/07	Block	SGS	PCB	
Building 11 Characteristic Sampling	11-1-W2	1/24/07	Block	SGS	VOC, SVOC, Metals	
Building 11 Characteristic Sampling	11-1-W3	1/24/07	Block	SGS	PCB	
Building 11 Characteristic Sampling	11-1-W4	1/24/07	Block	SGS	PCB	
Building 11 Characteristic Sampling	11-1-W5	1/24/07	Concrete	SGS	VOC, SVOC, Metals	
Building 11 Characteristic Sampling	11-1-W6	1/24/07	Concrete	SGS	PCB	
Building 11 Characteristic Sampling	11-1-W7	1/24/07	Concrete	SGS	PCB	
Building 11 Characteristic Sampling	11-1-W8	1/24/07	Concrete	SGS	VOC, SVOC, Metals	
Building 11 Characteristic Sampling	11-1-W9	1/24/07	Block	SGS	PCB	
Building 11 Characteristic Sampling	11-2-F1	1/23/07	Concrete	SGS	PCB	

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Building 11 Characteristic Sampling	11-2-F2	1/23/07	Concrete	SGS	VOC, SVOC, Metals	
Building 11 Characteristic Sampling	11-2-F3	1/23/07	Concrete	SGS	PCB	
Building 11 Characteristic Sampling	11-2-F4	1/23/07	Concrete	SGS	PCB	
Building 11 Characteristic Sampling	11-2-F5	1/23/07	Concrete	SGS	PCB	
Building 11 Characteristic Sampling	11-2-W1	1/23/07	Brick	SGS	PCB	
Building 11 Characteristic Sampling	11-2-W2	1/23/07	Concrete	SGS	PCB	
Building 11 Characteristic Sampling	11-2-W3	1/23/07	Brick	SGS	VOC, SVOC, Metals	
Building 11 Characteristic Sampling	11-2-W4	1/23/07	Brick	SGS	VOC, SVOC, Metals	
Building 11 Characteristic Sampling	11-2-W5	1/23/07	Concrete	SGS	PCB	
Building 11 Characteristic Sampling	11-3-F1	1/23/07	Concrete	SGS	PCB	
Building 11 Characteristic Sampling	11-3-F2	1/23/07	Concrete	SGS	VOC, SVOC, Metals	
Building 11 Characteristic Sampling	11-3-F3	1/23/07	Concrete	SGS	PCB	
Building 11 Characteristic Sampling	11-3-F4	1/23/07	Concrete	SGS	PCB	
Building 11 Characteristic Sampling	11-3-W1	1/23/07	Block	SGS	PCB	
Building 11 Characteristic Sampling	11-3-W2	1/23/07	Brick	SGS	VOC, SVOC, Metals	
Building 11 Characteristic Sampling	11-3-W3	1/23/07	Block	SGS	PCB	
Building 11 Characteristic Sampling	11-3-W4	1/23/07	Brick	SGS	PCB	
Building 11 Characteristic Sampling	11-DUP-1 (11-3-F3)	1/23/07	Concrete	SGS	PCB	
Building 11 Characteristic Sampling	11-DUP-2 (11-1-W2)	1/24/07	Block	SGS	VOC, SVOC, Metals	
Building 11 Characteristic Sampling	11-PH-F1	1/23/07	Concrete	SGS	PCB	
Building 11 Characteristic Sampling	11-PH-W1	1/23/07	Concrete	SGS	VOC, SVOC, Metals	
Building 11 Characteristic Sampling	11-TCLP-A-1	1/23/07	Mixed	SGS	TCLP - VOC, SVOC, Metals	
Building 11 Characteristic Sampling	11-TCLP-A-2	1/24/07	Mixed	SGS	TCLP - VOC, SVOC, Metals	
Building 16 Characteristic Sampling	16-1-W1	1/16/07	Concrete	SGS	PCB	
Building 16 Characteristic Sampling	16-1-W2	1/16/07	Concrete	SGS	VOC, SVOC, Metals	
Building 16 Characteristic Sampling	16-1-W3	1/16/07	Concrete	SGS	PCB	
Building 16 Characteristic Sampling	16-1-W4	1/16/07	Concrete	SGS	VOC, SVOC, Metals	
Building 16 Characteristic Sampling	16-1-W5	1/16/07	Concrete	SGS	PCB	
Building 16 Characteristic Sampling	16-1-W6	1/16/07	Concrete	SGS	PCB	
Building 16 Characteristic Sampling	16-1-W7	1/16/07	Concrete	SGS	VOC, SVOC, Metals	
Building 16 Characteristic Sampling	16-1-W8	1/16/07	Concrete	SGS	PCB	
Building 16 Characteristic Sampling	16-2-F1	1/17/07	Concrete	SGS	VOC, SVOC, Metals	
Building 16 Characteristic Sampling	16-2-F2	1/17/07	Concrete	SGS	PCB	
Building 16 Characteristic Sampling	16-2-F3	1/17/07	Wood	SGS	PCB	
Building 16 Characteristic Sampling	16-2-F4	1/17/07	Concrete	SGS	PCB	

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Building 16 Characteristic Sampling	16-2-W1	1/16/07	Brick	SGS	PCB	
Building 16 Characteristic Sampling	16-2-W2	1/16/07	Concrete	SGS	VOC, SVOC, Metals	
Building 16 Characteristic Sampling	16-2-W3	1/16/07	Concrete	SGS	VOC, SVOC, Metals	
Building 16 Characteristic Sampling	16-2-W4	1/16/07	Concrete	SGS	PCB	
Building 16 Characteristic Sampling	16-3-F1	1/18/07	Concrete	SGS	VOC, SVOC, Metals	
Building 16 Characteristic Sampling	16-3-F2	1/18/07	Wood	SGS	PCB	
Building 16 Characteristic Sampling	16-3-F3	1/18/07	Concrete	SGS	PCB	
Building 16 Characteristic Sampling	16-3-F4	1/18/07	Concrete	SGS	PCB	
Building 16 Characteristic Sampling	16-3-W1	1/18/07	Concrete/Brick	SGS	VOC, SVOC, Metals	
Building 16 Characteristic Sampling	16-3-W2	1/18/07	Brick	SGS	PCB	
Building 16 Characteristic Sampling	16-3-W3	1/18/07	Brick	SGS	VOC, SVOC, Metals	
Building 16 Characteristic Sampling	16-3-W4	1/18/07	Concrete	SGS	PCB	
Building 16 Characteristic Sampling	16-4-F1	1/17/07	Concrete	SGS	PCB	
Building 16 Characteristic Sampling	16-4-F1	1/29/07	Concrete	SGS	VOC, SVOC, Metals	
Building 16 Characteristic Sampling	16-4-F2	1/17/07	Concrete	SGS	PCB	
Building 16 Characteristic Sampling	16-4-F3	1/17/07	Wood	SGS	PCB	
Building 16 Characteristic Sampling	16-4-F4	1/17/07	Concrete	SGS	PCB	
Building 16 Characteristic Sampling	16-4-W1	1/17/07	Brick	SGS	PCB	
Building 16 Characteristic Sampling	16-4-W2	1/17/07	Concrete	SGS	VOC, SVOC, Metals	
Building 16 Characteristic Sampling	16-4-W3	1/17/07	Concrete	SGS	PCB	
Building 16 Characteristic Sampling	16-4-W4	1/17/07	Concrete	SGS	VOC, SVOC, Metals	
Building 16 Characteristic Sampling	16-4-W5	1/17/07	Concrete	SGS	PCB	
Building 16 Characteristic Sampling	16-5-F1	1/17/07	Concrete	SGS	PCB	
Building 16 Characteristic Sampling	16-DUP-1 (16-1-W4)	1/16/07	Concrete	SGS	VOC, SVOC, Metals	
Building 16 Characteristic Sampling	16-DUP-2 (16-4-W3)	1/17/07	Concrete	SGS	PCB	
Building 16 Characteristic Sampling	16-TCLP-A-1	1/17/07	Concrete/Brick	SGS	TCLP - VOC, SVOC, Metals	
Building 16 Characteristic Sampling	16-TCLP-B-1	1/18/07	Concrete/Brick	SGS	TCLP - VOC, SVOC, Metals	
Buildings 11 & 16 Oil Sampling	C2103-1	1/9/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2104-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2105-1	1/9/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2106-1	1/8/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2107-1	1/8/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2108-1	1/9/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2109-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2110-1	1/9/07	Oil	SGS	PCB	

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Buildings 11 & 16 Oil Sampling	C2111-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2112-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2113-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2114-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2115-1	1/9/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2116-1	1/9/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2117-1	1/9/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2118-1	1/8/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2119-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2120-1	1/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2122-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2123-1	1/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2125-1	1/9/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2126-1	1/9/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2127-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2128-1	1/9/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2129-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2131-1	1/9/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2132-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2133-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2134-1	1/9/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2135-1	1/9/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2136-1	1/9/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2137-1	1/9/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2138-1	1/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2139-1	1/9/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2140-1	1/9/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2141-1	1/9/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2142-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2144-1	1/8/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2145-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2146-1	1/9/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2147-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2148-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2149-1	1/9/07	Oil	SGS	PCB	

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Buildings 11 & 16 Oil Sampling	C2150-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2151-1	1/9/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2166-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2167-1	1/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2168-1	1/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2169-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2170-1	1/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2171-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2172-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2173-1	1/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2174-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2175-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2177-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2178-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2179-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2180-1	1/10/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	C2181-1	1/10/07	Oil	SGS	PCB	

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

ITEM 4
PLANT AREA
EAST STREET AREA 1-NORTH
(GECD130)
JANUARY 2007

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted report on annual inspection of properties with Conditional Solutions (performed in November 2006) (January 4, 2007).*

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

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

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

a. Activities Undertaken/Completed

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

- Continued transfer of leachate from Building 71 On-Plant Consolidation Area (OPCA) to Building 64G for treatment. The total amount transferred in January 2007 was 36,000 gallons (see Table 5-3).

- Conducted Tier III data validation of the PCB analytical data for ambient air samples collected from the OPCA monitors on November 9-10, 2006, thus completing the Tier III data validation required by EPA on 10% of the PCB analytical data for ambient air samples collected from these monitors between June 1 and November 30, 2006.

- Conducted Tier I and Tier II data validation of all PCB analytical data for ambient air samples collected from the OPCA air monitors on October 26-27, November 1-2, and December 12-13, 2006 – for which the full, final analytical data packages were received from the laboratory in January 2007. The Tier I/II data validation consisted of a review of all data package summary forms for identification of quality assurance/quality control (QA/QC) deviations, as well as qualification of the data, in accordance with Validation Annex F in GE's February 10, 2006 proposed FSP/QAPP revisions and the Region I Data Validation Functional Guidelines referenced therein. The Tier I/II review resulted in the qualification of data for several samples due to minor QA/QC issues, as identified in Table 5-4. The PCB analytical data from these samples have an overall usability of 100%. The validated data from these events are provided in Table 5-5.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted final Tier III Data Validation Report on 10% of the PCB analytical data for ambient air samples collected from OPCA monitors between June 1 and November 30, 2006, as required by EPA (January 30, 2007).

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

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

EPA has agreed that, going forward, the results of the Tier II data validation conducted on ambient air data from the OPCA monitors will initially be submitted along with updated air monitoring results by electronic mail at least monthly, and will also be included in the monthly status reports under the CD.

TABLE 5-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 200

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
PCB Ambient Air Sampling	Field Blank	01/10 - 01/11/07	Air	NEA	PCB	1/17/2007
PCB Ambient Air Sampling	Northwest of OPCAs	01/10 - 01/11/07	Air	NEA	PCB	1/17/2007
PCB Ambient Air Sampling	West of OPCAs	01/10 - 01/11/07	Air	NEA	PCB	1/17/2007
PCB Ambient Air Sampling	West of OPCAs colocated	01/10 - 01/11/07	Air	NEA	PCB	1/17/2007
PCB Ambient Air Sampling	North of OPCAs	01/10 - 01/11/07	Air	NEA	PCB	1/17/2007
PCB Ambient Air Sampling	Southeast of OPCAs	01/10 - 01/11/07	Air	NEA	PCB	1/17/2007
PCB Ambient Air Sampling	Pittsfield Generating (PGE)	01/10 - 01/11/07	Air	NEA	PCB	1/17/2007
PCB Ambient Air Sampling	Background East of Building 9B	01/10 - 01/11/07	Air	NEA	PCB	1/17/2007

TABLE 5-2
SUMMARY OF 2007 PCB AMBIENT AIR SAMPLING RESULTS

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

Date	Northwest of OPCAs	West of OPCAs	West of OPCAs colocated	North of OPCAs	Southeast of OPCAs	Pittsfield Generating (PGE)	Background Sample Location - East of Building 9B	Data Validated?
01/10/07 - 01/11/07	ND	ND	ND	ND	ND	ND	ND	PDR[1]
Exceedances of Notification Level (0.05 µg/m^3)	None	None	None	None	None	None	None	

Notes:

All sampling activities performed by Berkshire Environmental Consultants, Inc. All analytical activities performed by Northeast Analytical, Inc.

NA - Not Available

ND - Non Detect (<0.0003)

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

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
January 2007

Month / Year	Total Volume of Leachate Transferred (Gallons)
January 2006	185,000
February 2006	125,000
March 2006	70,000
April 2006	104,000
May 2006	137,000
June 2006	139,000
July 2006	111,000
August 2006	121,000
September 2006	110,000
October 2006	110,000
November 2006	47,000
December 2006	42,000
January 2007	36,000

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

TABLE 5-4
ANALYTICAL DATA VALIDATION SUMMARY
AMBIENT AIR DATA FROM HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS (OPCA) WAS PERFORMED IN JANUARY 2007

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in micrograms per PUF, ug/PUF)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
EPA TO-4A											
06100159	BLK-102706-100	10/27/2006	Air	Tier II	No						
06100159	NW-102706-012	10/27/2006	Air	Tier II	No						
06100159	W-102706-301	10/27/2006	Air	Tier II	No						
06100159	WCO-102706-006	10/27/2006	Air	Tier II	No						
06100159	N-102706-002	10/27/2006	Air	Tier II	No						
06100159	SE-102706-202	10/27/2006	Air	Tier II	No						
06100159	PGE-102706-303	10/27/2006	Air	Tier II	Yes	Aroclor-1248	Aroclor-1248 not present	0.102	-	ND(0.10)	
						Total PCBs	Aroclor-1248 not present	0.217	-	0.115	
06100159	BK3-102706-001	10/27/2006	Air	Tier II	No						
06100159	FS-102706-100206	10/27/2006	Air	Tier II	No						
06110012	BLK-110206-100	11/2/2006	Air	Tier II	No						
06110012	NW-110206-012	11/2/2006	Air	Tier II	No						
06110012	W-110206-301	11/2/2006	Air	Tier II	No						
06110012	WCO-110206-006	11/2/2006	Air	Tier II	No						
06110012	N-110206-002	11/2/2006	Air	Tier II	No						
06110012	SE-110206-202	11/2/2006	Air	Tier II	Yes	Aroclor-1248	Aroclor-1248 not present	0.117	-	ND(0.10)	
						Total PCBs	Aroclor-1248 not present	0.117	-	ND(0.10)	
06110012	PGE-110206-303	11/2/2006	Air	Tier II	Yes	Aroclor-1248	Aroclor-1248 not present	0.119	-	ND(0.10)	
						Total PCBs	Aroclor-1248 not present	0.353	-	0.234	
06110012	BK3-110206-001	11/2/2006	Air	Tier II	No						
06110012	FS-110206-100206	11/2/2006	Air	Tier II	No						
06110071	BLK-111006-100	11/10/2006	Air	Tier III	No						
06110071	NW-111006-012	11/10/2006	Air	Tier III	Yes	Aroclor-1248	Aroclor-1248 not present	0.126	-	ND(0.10)	
						Total PCBs	Aroclor-1248 not present	0.126	-	ND(0.10)	
06110071	W-111006-301	11/10/2006	Air	Tier III	Yes	Aroclor-1248	Aroclor-1248 not present	0.114	-	ND(0.10)	
						Total PCBs	Aroclor-1248 not present	0.230	-	0.116	
06110071	WCO-111006-006	11/10/2006	Air	Tier III	Yes	Aroclor-1248	Aroclor-1248 not present	0.110	-	ND(0.10)	
						Total PCBs	Aroclor-1248 not present	0.215	-	0.105	
06110071	N-111006-002	11/10/2006	Air	Tier III	Yes	Aroclor-1248	Aroclor-1248 not present	0.124	-	ND(0.10)	
						Total PCBs	Aroclor-1248 not present	0.124	-	ND(0.10)	
06110071	SE-111006-202	11/10/2006	Air	Tier III	Yes	Aroclor-1248	Aroclor-1248 not present	0.140	-	ND(0.10)	
						Total PCBs	Aroclor-1248 not present	0.140	-	ND(0.10)	
06110071	PGE-111006-303	11/10/2006	Air	Tier III	Yes	Aroclor-1248	Aroclor-1248 not present	0.132	-	ND(0.10)	
						Total PCBs	Aroclor-1248 not present	0.284	-	0.152	
06110071	BK3-111006-001	11/10/2006	Air	Tier III	Yes	Aroclor-1248	Aroclor-1248 not present	0.112	-	ND(0.10)	
						Total PCBs	Aroclor-1248 not present	0.233	-	0.121	
06110071	FS-111006-101306	11/10/2006	Air	Tier III	No						
06120064	BLK-121306-100	12/13/2006	Air	Tier II	No						
06120064	NW-121306-012	12/13/2006	Air	Tier II	No						
06120064	W-121306-301	12/13/2006	Air	Tier II	No						
06120064	WCO-121306-006	12/13/2006	Air	Tier II	No						
06120064	N-121306-002	12/13/2006	Air	Tier II	No						
06120064	SE-121306-202	12/13/2006	Air	Tier II	No						
06120064	PGE-121306-303	12/13/2006	Air	Tier II	No						
06120064	BK3-121306-001	12/13/2006	Air	Tier II	No						
06120064	FS-121306-112906	12/13/2006	Air	Tier II	No						

TABLE 5-5

SUMMARY OF VALIDATED PCB AMBIENT AIR SAMPLING RESULTS FOR WHICH DATA VALIDATION WAS PERFORMED IN JANUARY 2006

GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
(all results are ug/m^3)

Date	Northwest of OPCAs	Northwest of OPCAs colocated	West of OPCAs	West of OPCAs colocated	North of OPCAs	Southeast of OPCAs	Pittsfield Generating (PGE)	Background Sample Location - East of Building 9B	Data Validated?
10/26/06 - 10/27/06	ND	----------	ND	ND	ND	ND	0.0004[1]	ND	Tier I/II
11/01/06 - 11/02/06	0.0004[1]	----------	0.0004[1]	0.0004[1]	ND	ND	0.0007[1]	0.0003[1]	Tier I/II
12/12/06 - 12/13/06	ND	----------	ND	ND	ND	ND	ND	ND	Tier I/II
Exceedances of Notification Level (0.05 µg/m^3)	None	None	None	None	None	None	None	None	

Notes:

All sampling activities performed by Berkshire Environmental Consultants, Inc. All analytical activities performed by SGS Environmental Services, Inc. or Northeast Analytical, Inc.
ND - Non Detect (<0.0003)
[1]Laboratory qualification (AF): Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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

a. Activities Undertaken/Completed

Identified additional soil sampling locations.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Initiate sampling required under GE's Supplemental Data Letter, as conditionally approved by EPA.*
- Prepare and submit proposals for additional soil sampling along northern boundary of this area and along proposed route for new pipeline installations (due by February 19, 2007).*
- Prepare a Second Supplemental Data Letter (due by March 21, 2007).*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

- Received EPA's conditional approval of GE's September 18, 2006 Supplemental Data Letter (January 5, 2007).
- Received EPA's conditional approval of GE's October 20, 2006 plan for re-routing of stormwater and sanitary sewer lines (January 5, 2007).

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

a. Activities Undertaken/Completed

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

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Continue performing detailed surveys of the Unkamet Brook Area.*
- Submit results of detailed topographic survey of Unkamet Brook Area.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Several issues relating to GE's September 2005 Pre-Design Investigation Report and other GE submittals are under discussion with EPA.*

f. Proposed/Approved Work Plan Modifications

None

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

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted report on initial post-remediation inspection (performed on November 29, 2006) (January 3, 2007).

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

Complete Conditional Solution notification letters to owners of properties where Conditional Solutions have been implemented.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 8-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2007

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Building 78 Drum Sampling	OxbowA-Soil-1	12/21/06	Soil	SGS	PCB, TCLP	1/10/07
Building 78 Drum Sampling	OxbowC-Soil-1	12/21/06	Soil	SGS	PCB, TCLP	1/10/07

TABLE 8-2
PCB DATA RECEIVED DURING JANUARY 2007

BUILDING 78 DRUM SAMPLING
FORMER OXBOW AREAS A AND C
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
OxbowA-Soil-1	12/21/2006	ND(3.7)	16	37	53
OxbowC-Soil-1	12/21/2006	ND(0.037)	0.19	0.15	0.34

Notes:

1. Samples were collected by ARCADIS BBL, and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 8-3 for a summary of TCLP constituents.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

TABLE 8-3
TCLP DATA RECEIVED DURING JANUARY 2007

BUILDING 78 DRUM SAMPLING
FORMER OXBOW AREAS A AND C
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	OxbowA-Soil-1 12/21/2006	OxbowC-Soil-1 12/21/2006
Volatile Organics			
1,1-Dichloroethene	0.7	ND(0.010)	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)	ND(0.010)
2-Butanone	200	ND(0.25)	ND(0.25)
Benzene	0.5	ND(0.010)	ND(0.010)
Carbon Tetrachloride	0.5	ND(0.010)	ND(0.010)
Chlorobenzene	100	ND(0.010)	ND(0.010)
Chloroform	6	ND(0.010)	ND(0.010)
Tetrachloroethene	0.7	ND(0.010)	ND(0.010)
Trichloroethene	0.5	ND(0.010)	ND(0.010)
Vinyl Chloride	0.2	ND(0.010)	ND(0.010)
Semivolatile Organics			
1,4-Dichlorobenzene	7.5	ND(0.010)	ND(0.010)
2,4,5-Trichlorophenol	400	ND(0.010)	ND(0.010)
2,4,6-Trichlorophenol	2	ND(0.010)	ND(0.010)
2,4-Dinitrotoluene	0.13	ND(0.010)	ND(0.010)
Cresol	200	ND(0.010)	ND(0.010)
Hexachlorobenzene	0.13	ND(0.010)	ND(0.010)
Hexachlorobutadiene	0.5	ND(0.010)	ND(0.010)
Hexachloroethane	3	ND(0.010)	ND(0.010)
Nitrobenzene	2	ND(0.010)	ND(0.010)
Pentachlorophenol	100	ND(0.050)	ND(0.050)
Pyridine	5	ND(0.010)	ND(0.010)
Inorganics			
Arsenic	5	ND(0.200)	ND(0.200)
Barium	100	0.801 B	0.800 B
Cadmium	1	0.0241 B	0.0253 B
Chromium	5	0.0406 B	0.0503 B
Lead	5	0.0444 B	0.0975 B
Mercury	0.2	0.000281 B	0.000270 B
Selenium	1	ND(0.200)	ND(0.200)
Silver	5	0.0277 B	0.0301 B

Notes:

1. Samples were collected by ARCADIS BBL, and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 8-2 for a summary of PCBs.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

Data Qualifiers:

Inorganics

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

ITEM 9
LYMAN STREET AREA
(GECD430)
JANUARY 2007

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted report on initial post-remediation inspection of properties west of Lyman Street (performed on November 29, 2006) (January 3, 2007).

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

- Complete Conditional Solution notification letters to owners of properties west of Lyman Street.

- Select Remediation Contractor for area east of Lyman Street by February 28, 2007.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 10
NEWELL STREET AREA I
(GECD440)
JANUARY 2007

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

- Submitted report on semi-annual inspection of engineered barriers and restored and re-vegetated areas (performed in November 2006) (January 3, 2007).

- Submitted report on annual inspection of properties with Conditional Solutions (performed in November 2006) (January 4, 2007).

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

Continue preparation of Final Completion Report.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

ITEM 11
NEWELL STREET AREA II
(GECD450)
JANUARY 2007

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

- Submitted report on the inspection of backfilled/restored areas and engineered barrier areas (performed in November 2006) (January 3, 2007).

- Submitted a letter notifying EPA of an extension of the one-year time limit for storage of PCB-containing excavated materials in designated buildings (January 19, 2007).

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

Complete Conditional Solution notification letters to owners of properties where Conditional Solutions have been implemented.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

As discussed with EPA, GE has temporarily suspended shipments of soil excavated from Parcel J9-23-8 to the Port Arthur disposal facility due to capacity constraints and the need for the facility to shut down for maintenance. As this time, it is anticipated that shipments will resume in March 2007. GE is working with the facility to ship the remaining soil as soon as possible.

f. Proposed/Approved Work Plan Modifications

None

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

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted report on the initial post-remediation inspection (performed in November 2006) (January 3, 2007).

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

Prepare Conditional Solution notification letters to owners of properties where Conditional Solutions have been implemented.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 13
HOUSATONIC RIVER AREA
UPPER ½ MILE REACH
(GECD800)
JANUARY 2007

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

a. Activities Undertaken/Completed

On January 8, 2007, BBL (on GE's behalf) performed water column sampling during a storm event at two locations along the Housatonic River. One location is situated just downstream of the ½-Mile Reach (Lyman Street Bridge – Location 4) and the other is situated just upstream of the ½-Mile Reach (Newell Street Bridge – Location 2). Composite grab samples were collected for analysis of PCBs (total – filtered and unfiltered) and TSS (see Table 13-1).

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Prepare and submit report presenting results of seepage meter study and evaluation of total organic carbon (TOC) content in isolation layer.

- Prepare and submit Annual Monitoring Report on Upper ½ Mile Reach.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

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

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

Project Name	Field Sample ID	Sample	Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Storm Flow Event	Location-2	1/8/07		Water	NEA	PCB, PCB (f), TSS	1/19/07
Storm Flow Event	Location-4	1/8/07		Water	NEA	PCB, PCB (f), TSS	1/19/07

TABLE 13-2
SAMPLE DATA RECEIVED DURING JANUARY 2007

STORM FLOW EVENT
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	TSS
LOCATION 2	Newell Street Bridge	1/8/07	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	27.8
LOCATION 2 (FILTERED)		1/8/07	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	NA
LOCATION 4	Lyman Street Bridge	1/8/07	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	27.4
LOCATION 4 (FILTERED)		1/8/07	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	NA

Notes:

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

ITEM 14
HOUSATONIC RIVER AREA
1½ MILE REACH
(GECD820)
JANUARY 2007

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

a. Activities Undertaken/Completed

On GE's behalf, BBL performed a round of water column monitoring at 10 locations along the Housatonic River between Coltsville, MA and Great Barrington, MA on January 24, 2007. Two of these locations are situated in the 1½ Mile Reach: Lyman Street Bridge (Location 4) and Pomeroy Avenue Bridge (Location 6A). A composite grab sample was collected at each location and submitted to Northeast Analytical for analysis of PCBs (total), total suspended solids (TSS), POC, and chlorophyll-a, as identified in Table 14-1. (The other eight locations are discussed under Items 15 and 20 below.)

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

Continue Housatonic River monthly water column monitoring.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 14-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2007

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Monthly Water Column Sampling	Location-4	12/19/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/9/07
Monthly Water Column Sampling	Location-4	1/24/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-6A	12/19/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/9/07
Monthly Water Column Sampling	Location-6A	1/24/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	

TABLE 14-2
SAMPLE DATA RECEIVED DURING JANUARY 2007

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

Sample ID	Location	Date Collected	Aroclor-1016, -1221, -1232, -1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-4	Lyman Street Bridge	12/19/06	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.57	3.60	0.00030
LOCATION-6A	Pomeroy Ave. Bridge	12/19/06	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.42	1.90	0.00040

Notes:

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

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

a. Activities Undertaken/Completed

- On GE's behalf, BBL performed a round of water column monitoring at 10 locations along the Housatonic River between Coltsville and Great Barrington, MA, on January 24, 2007. Two locations are situated in the 1½ Mile Reach of the Housatonic River and were discussed in Item 14. One location is at the outlet of Silver Lake and is discussed in Item 20 below. Of the remaining seven locations, two are located upstream of the 1½ Mile Reach: Hubbard Avenue Bridge (Location 1) and Newell Street Bridge (Location 2). The five remaining locations are situated in the Rest of the River: Holmes Road Bridge (Location 7); New Lenox Road Bridge (Location 9); Woods Pond Headwaters (Location 10); Schweitzer Bridge (Location 12); and Division Street Bridge (Location 13). Sampling activities were performed at these locations on January 24, 2007 from downstream to upstream. Composite grab samples were collected at each location sampled and submitted to Northeast Analytical for analysis of PCBs (total), TSS, POC, and chlorophyll-a, as identified in Table 15-1.

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

b. Sampling/Test Results

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.

- Submit Corrective Measures Study (CMS) Proposal (due to EPA on February 27, 2007).*

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 15-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2007

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Monthly Water Column Sampling	HR-D1 (Location-12)	12/19/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/9/07
Monthly Water Column Sampling	HR-D1 (Location-12)	1/24/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-1	12/19/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/9/07
Monthly Water Column Sampling	Location-1	1/24/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-10	1/24/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-10	12/19/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/9/07
Monthly Water Column Sampling	Location-12	1/24/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-12	12/19/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/9/07
Monthly Water Column Sampling	Location-13	1/24/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-13	12/19/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/9/07
Monthly Water Column Sampling	Location-2	1/24/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-2	12/19/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/9/07
Monthly Water Column Sampling	Location-7	1/24/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-7	12/19/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/9/07
Monthly Water Column Sampling	Location-9	12/19/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/9/07
Monthly Water Column Sampling	Location-9	1/24/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	

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

TABLE 15-2
SAMPLE DATA RECEIVED DURING JANUARY 2007

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

Sample ID	Location	Date Collected	Aroclor-1016, -1221, -1232, -1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-1	Hubbard Avenue Bridge	12/19/06	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.41	3.15	0.00030
LOCATION-2	Newell Street Bridge	12/19/06	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.46	3.80	0.00040
LOCATION-7	Holmes Road Bridge	12/19/06	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.24	4.70	0.0010
LOCATION-9	New Lenox Road Bridge	12/19/06	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.29	3.20	0.00090
LOCATION-10	Headwaters of Woods Pond	12/19/06	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.16	3.60	0.00080
LOCATION-12	Schweitzer Bridge	12/19/06 12/19/06	ND(0.0000220) [ND(0.0000220)]	0.0000220 PE [ND(0.0000220)]	ND(0.0000220) [0.0000230 AF]	0.0000250 AG [0.0000330 AG]	0.0000470 [0.0000560]	0.27 [0.18]	3.70 [3.00]	0.0010 [0.00090]
LOCATION-13	Division Street Bridge	12/19/06	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.13	3.20	0.0014

Notes:

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

Data Qualifiers:

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)
JANUARY 2007

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted a report on the inspection of backfilled/restored areas at Phase 3 floodplain properties (conducted in November 2006) (January 3, 2007).

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

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

ITEM 19
ALLENDALE SCHOOL PROPERTY
(GECD500)
JANUARY 2007

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 20
OTHER AREAS
SILVER LAKE AREA
(GECD600)
JANUARY 2007

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

a. Activities Undertaken/Completed

Collected monthly water column sample from the Silver Lake Outfall on January 24, 2007 as identified in Table 20-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled Activities (next six weeks)

- Prepare report related to bank soil removal associated with Pilot Study.
- Conduct additional soil sampling as required by EPA's January 5, 2007 conditional approval letter (referenced below).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

Received EPA's conditional approval of GE's September 8, 2006 Fourth Interim Pre-Design Investigation Report for Soils Adjacent to Silver Lake and the November 14, 2006 Addendum thereto (January 5, 2007).

TABLE 20-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2007

SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Monthly Water Column Sampling	Location-4A	12/19/06	NA	Water	NEA	PCB, TSS	1/3/07
Monthly Water Column Sampling	Location-4A	1/24/07	NA	Water	NEA	PCB, TSS	
Silver Lake Pilot Study Core Sampling	SL-122706-DUP-1 (SL-C-122706-2-4)	12/27/06	2-4	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-122706-DUP-2 (SL-E-122706-REM)	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-122706-DUP-3 (SL-G-122706-4-6)	12/27/06	4-6	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-122706-DUP-4 (SL-I-122706-REM)	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-A-122706-0-2	12/27/06	0-2	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-A-122706-2-4	12/27/06	2-4	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-A-122706-4-6	12/27/06	4-6	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-A-122706-TOP	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-B-122706-0-2	12/27/06	0-2	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-B-122706-2-4	12/27/06	2-4	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-B-122706-4-6	12/27/06	4-6	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-B-122706-TOP	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-C-122706-0-2	12/27/06	0-2	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-C-122706-2-4	12/27/06	2-4	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-C-122706-4-6	12/27/06	4-6	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-C-122706-REM	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-C-122706-TOP	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-D-122706-0-2	12/27/06	0-2	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-D-122706-2-4	12/27/06	2-4	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-D-122706-4-6	12/27/06	4-6	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-D-122706-TOP	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-E-122706-0-2	12/27/06	0-2	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-E-122706-2-4	12/27/06	2-4	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-E-122706-4-6	12/27/06	4-6	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-E-122706-REM	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-E-122706-TOP	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-F-122706-0-2	12/27/06	0-2	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-F-122706-2-4	12/27/06	2-4	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-F-122706-4-6	12/27/06	4-6	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-F-122706-REM	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-F-122706-SED	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-F-122706-TOP	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-G-122706-0-2	12/27/06	0-2	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-G-122706-2-4	12/27/06	2-4	Sediment	NEA	PCB, TOC	1/8/07

TABLE 20-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2007

SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Silver Lake Pilot Study Core Sampling	SL-G-122706-4-6	12/27/06	4-6	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-G-122706-REM	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-G-122706-SED	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-G-122706-TOP	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-H-122706-0-2	12/27/06	0-2	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-H-122706-2-4	12/27/06	2-4	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-H-122706-4-6	12/27/06	4-6	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-H-122706-REM	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-H-122706-SED	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-H-122706-TOP	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-I-122706-0-2	12/27/06	0-2	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-I-122706-2-4	12/27/06	2-4	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-I-122706-4-6	12/27/06	4-6	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-I-122706-REM	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-I-122706-SED	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-I-122706-TOP	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-J-122706-0-2	12/27/06	0-2	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-J-122706-2-4	12/27/06	2-4	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-J-122706-4-6	12/27/06	4-6	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-J-122706-TOP	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-K-122706-0-2	12/27/06	0-2	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-K-122706-2-4	12/27/06	2-4	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-K-122706-4-6	12/27/06	4-6	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-K-122706-REM	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-K-122706-TOP	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-L-122706-0-2	12/27/06	0-2	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-L-122706-2-4	12/27/06	2-4	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-L-122706-4-6	12/27/06	4-6	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-L-122706-REM	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-L-122706-TOP	12/27/06	NA	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-M-122706-0-2	12/27/06	0-2	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-M-122706-2-4	12/27/06	2-4	Sediment	NEA	PCB, TOC	1/8/07
Silver Lake Pilot Study Core Sampling	SL-M-122706-4-6	12/27/06	4-6	Sediment	NEA	PCB, TOC	1/8/07

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

TABLE 20-2
SAMPLE DATA RECEIVED DURING JANUARY 2007

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

Sample ID	Location	Date Collected	Aroclor-1016, -1232, -1242	Aroclor 1221	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	TSS
LOCATION-4A	Silver Lake Outlet	12/19/2006	ND(0.0000220)	0.0000870 PB	0.0000710 PE	0.0000230 AF	ND(0.0000220)	0.000181	6.60

Notes:

1. Sample was collected by ARCADIS BBL, and submitted to Northeast Analytical, Inc. for analysis of unfiltered PCBs and total suspended solids (TSS).
2. Sampling methods involved the collection of single grab 50 percent of the total river width, and 50 percent of the total river depth.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

Data Qualifiers:

AF - Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
PB - Aroclor 1221 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1221 is not present in the sample, but is reported to more accurately quantify PCBs present in a sample that has undergone environmental alteration.
PE - Aroclor 1248 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1248 is not present in the sample, but is reported to more accurately quantify PCBs present in a sample that has undergone environmental alteration.

TABLE 20-3
PCB AND TOC DATA RECEIVED DURING JANUARY 2007

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

Parameter	Sample ID: / Sample Depth(Inches): / Date Collected:	SL-A-122706-0-2 0-2 12/27/06	SL-A-122706-2-4 2-4 12/27/06	SL-A-122706-4-6 4-6 12/27/06	SL-A-122706-TOP 0-0 12/27/06	SL-B-122706-0-2 0-2 12/27/06	SL-B-122706-2-4 2-4 12/27/06	SL-B-122706-4-6 4-6 12/27/06
PCBs								
Aroclor-1221		ND(0.056)	ND(0.054)	ND(0.060)	ND(0.069)	ND(0.057)	ND(0.057)	ND(0.061)
Aroclor-1248		ND(0.056)	ND(0.054)	ND(0.060)	ND(0.069)	ND(0.057)	ND(0.057)	ND(0.061)
Aroclor-1254		ND(0.056)	ND(0.054)	ND(0.060)	ND(0.069)	ND(0.057)	ND(0.057)	ND(0.061)
Aroclor-1260		ND(0.056)	ND(0.054)	ND(0.060)	ND(0.069)	ND(0.057)	ND(0.057)	ND(0.061)
Total PCBs		ND(0.056)	ND(0.054)	ND(0.060)	ND(0.069)	ND(0.057)	ND(0.057)	ND(0.061)
Total Organic Carbon								
TOC - Replicate 1		3300	2700	2000	9400	6500	6800	3600
TOC - Replicate 2		3100	2600	2100	7900	2800	7400	3500
TOC - Replicate 3		4000	1700	5200	8600	3200	6500	2300
TOC - Replicate 4		NA	1700	2800	NA	4700	NA	NA
TOC - Average		3500	2200	3000	8600	4300	6900	3100
TOC - % RSD		14	26	49	8.5	39	6.9	24

TABLE 20-3
PCB AND TOC DATA RECEIVED DURING JANUARY 2007

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

Parameter	Sample ID: / Sample Depth(Inches): / Date Collected:	SL-B-122706-TOP 0-0 12/27/06	SL-C-122706-0-2 0-2 12/27/06	SL-C-122706-2-4 2-4 12/27/06	SL-C-122706-4-6 4-6 12/27/06	SL-C-122706-REM 0-0 12/27/06	SL-C-122706-TOP 0-0 12/27/06	SL-D-122706-0-2 0-2 12/27/06
PCBs								
Aroclor-1221		ND(0.067)	ND(0.060)	ND(0.058) [ND(0.058)]	ND(0.058)	ND(0.057)	ND(0.067)	ND(0.059)
Aroclor-1248		ND(0.067)	ND(0.060)	ND(0.058) [ND(0.058)]	ND(0.058)	ND(0.057)	ND(0.067)	ND(0.059)
Aroclor-1254		ND(0.067)	ND(0.060)	ND(0.058) [ND(0.058)]	ND(0.058)	ND(0.057)	ND(0.067)	ND(0.059)
Aroclor-1260		ND(0.067)	ND(0.060)	ND(0.058) [ND(0.058)]	ND(0.058)	ND(0.057)	ND(0.067)	ND(0.059)
Total PCBs		ND(0.067)	ND(0.060)	ND(0.058) [ND(0.058)]	ND(0.058)	ND(0.057)	ND(0.067)	ND(0.059)
Total Organic Carbon								
TOC - Replicate 1		7600	3300	2200 [1500]	2500	2600	5100	3900
TOC - Replicate 2		7700	2500	16000 [4200]	4300	4200	7200	4800
TOC - Replicate 3		9500	2300	3400 [1900]	3600	2500	13000	3000
TOC - Replicate 4		NA	NA	4200 [2600]	1900	4200	10000	NA
TOC - Average		8200	2700	6400 [2600]	3100	3400	8900	3900
TOC - % RSD		13	19	98 [47]	35	28	40	23

TABLE 20-3
PCB AND TOC DATA RECEIVED DURING JANUARY 2007

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

Parameter	Sample ID: / Sample Depth(Inches): / Date Collected:	SL-D-122706-2-4 2-4 12/27/06	SL-D-122706-4-6 4-6 12/27/06	SL-D-122706-TOP 0-0 12/27/06	SL-E-122706-0-2 0-2 12/27/06	SL-E-122706-2-4 2-4 12/27/06	SL-E-122706-4-6 4-6 12/27/06	SL-E-122706-REM 0-0 12/27/06
PCBs								
Aroclor-1221		ND(0.060)	ND(0.058)	ND(0.059)	ND(0.056)	ND(0.055)	ND(0.057)	ND(0.055) [ND(0.057)]
Aroclor-1248		ND(0.060)	ND(0.058)	ND(0.059)	ND(0.056)	ND(0.055)	ND(0.057)	ND(0.055) [ND(0.057)]
Aroclor-1254		ND(0.060)	ND(0.058)	ND(0.059)	ND(0.056)	ND(0.055)	ND(0.057)	ND(0.055) [ND(0.057)]
Aroclor-1260		ND(0.060)	ND(0.058)	ND(0.059)	ND(0.056)	ND(0.055)	ND(0.057)	ND(0.055) [ND(0.057)]
Total PCBs		ND(0.060)	ND(0.058)	ND(0.059)	ND(0.056)	ND(0.055)	ND(0.057)	ND(0.055) [ND(0.057)]
Total Organic Carbon								
TOC - Replicate 1		3200	2900	4400	9300	6000	8100	6400 [5200]
TOC - Replicate 2		41000	1800	2700	11000	7900	9900	7700 [5500]
TOC - Replicate 3		3000	2700	3500	4800	6100	11000	6300 [6100]
TOC - Replicate 4		2200	3900	NA	11000	NA	NA	NA
TOC - Average		12000	2800	3500	9000	6700	9800	6800 [5600]
TOC - % RSD		160	31	25	32	16	17	12 [8.7]

TABLE 20-3
PCB AND TOC DATA RECEIVED DURING JANUARY 2007

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

Parameter	Sample ID: / Sample Depth(Inches): / Date Collected:	SL-E-122706-TOP 0-0 12/27/06	SL-F-122706-0-2 0-2 12/27/06	SL-F-122706-2-4 2-4 12/27/06	SL-F-122706-4-6 4-6 12/27/06	SL-F-122706-REM 0-0 12/27/06	SL-F-122706-SED 0-0 12/27/06	SL-F-122706-TOP 0-0 12/27/06
PCBs								
Aroclor-1221		ND(0.055)	ND(0.057)	ND(0.060)	ND(0.057)	ND(0.054)	5.7 PB	ND(0.058)
Aroclor-1248		ND(0.055)	ND(0.057)	ND(0.060)	ND(0.057)	ND(0.054)	70 PE	ND(0.058)
Aroclor-1254		ND(0.055)	ND(0.057)	ND(0.060)	ND(0.057)	ND(0.054)	41 AF	ND(0.058)
Aroclor-1260		ND(0.055)	ND(0.057)	ND(0.060)	ND(0.057)	ND(0.054)	27 AG	ND(0.058)
Total PCBs		ND(0.055)	ND(0.057)	ND(0.060)	ND(0.057)	ND(0.054)	144	ND(0.058)
Total Organic Carbon								
TOC - Replicate 1		5600	5500	4700	4200	2200	110000	14000
TOC - Replicate 2		7200	4400	8300	5500	3700	120000	6400
TOC - Replicate 3		12000	2300	3500	3700	3800	120000	6200
TOC - Replicate 4		7700	6800	3800	NA	4600	NA	5000
TOC - Average		8200	4700	5100	4500	3600	120000	7800
TOC - % RSD		35	40	44	21	27	2.5	50

TABLE 20-3
PCB AND TOC DATA RECEIVED DURING JANUARY 2007

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

Parameter	Sample ID: / Sample Depth(Inches): / Date Collected:	SL-G-122706-0-2 0-2 12/27/06	SL-G-122706-2-4 2-4 12/27/06	SL-G-122706-4-6 4-6 12/27/06	SL-G-122706-REM 0-0 12/27/06	SL-G-122706-SED 0-0 12/27/06	SL-G-122706-TOP 0-0 12/27/06	SL-H-122706-0-2 0-2 12/27/06
PCBs								
Aroclor-1221		ND(0.059)	ND(0.057)	ND(0.070) [ND(0.060)]	ND(0.075)	1.7 PB	ND(0.061)	0.12 PB
Aroclor-1248		ND(0.059)	ND(0.057)	ND(0.070) [ND(0.060)]	ND(0.075)	37 PE	0.12 PE	0.42 PE
Aroclor-1254		ND(0.059)	ND(0.057)	ND(0.070) [ND(0.060)]	ND(0.075)	44 AF	0.096 AF	0.40 AF
Aroclor-1260		ND(0.059)	ND(0.057)	ND(0.070) [ND(0.060)]	ND(0.075)	32 AG	0.086 AG	0.27 AG
Total PCBs		ND(0.059)	ND(0.057)	ND(0.070) [ND(0.060)]	ND(0.075)	115	0.302	1.21
Total Organic Carbon								
TOC - Replicate 1		2500	2600	4300 [2100]	4700	120000	6200	4300
TOC - Replicate 2		3800	2400	3400 [2900]	5500	120000	5900	5400
TOC - Replicate 3		2500	4300	18000 [1000]	3300	120000	5700	5200
TOC - Replicate 4		2300	2400	3300 [1100]	NA	NA	5700	6900
TOC - Average		2800	2900	7100 [1800]	4500	120000	5800	5400
TOC - % RSD		26	31	98 [51]	25	1.0	4.5	12

TABLE 20-3
PCB AND TOC DATA RECEIVED DURING JANUARY 2007

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

Parameter	Sample ID: / Sample Depth(Inches): / Date Collected:	SL-H-122706-2-4 2-4 12/27/06	SL-H-122706-4-6 4-6 12/27/06	SL-H-122706-REM 0-0 12/27/06	SL-H-122706-SED 0-0 12/27/06	SL-H-122706-TOP 0-0 12/27/06	SL-I-122706-0-2 0-2 12/27/06	SL-I-122706-2-4 2-4 12/27/06
PCBs								
Aroclor-1221		ND(0.058)	ND(0.056)	0.11 PB	2.1 PB	0.077 PB	1.8 PB	0.12 PB
Aroclor-1248		ND(0.058)	ND(0.056)	0.29 PE	12 PE	0.15 PE	6.7 PE	0.59 PE
Aroclor-1254		ND(0.058)	ND(0.056)	0.24 AF	11 AF	0.14 AF	4.0 AF	0.70 AF
Aroclor-1260		ND(0.058)	ND(0.056)	0.13 AG	9.0 AG	0.11 AG	2.1 AG	0.45 AG
Total PCBs		ND(0.058)	ND(0.056)	0.77	34.1	0.477	14.6	1.86
Total Organic Carbon								
TOC - Replicate 1		10000	6100	4700	22000	9800	7400	10000
TOC - Replicate 2		3100	3000	9100	24000	5800	7800	11000
TOC - Replicate 3		2600	3500	3900	24000	5400	9000	9900
TOC - Replicate 4		6000	5000	3200	11000	15000	NA	NA
TOC - Average		5400	4400	5200	20000	8900	8100	10000
TOC - % RSD		64	32	51	6.3	48	10	4.6

TABLE 20-3
PCB AND TOC DATA RECEIVED DURING JANUARY 2007

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

Parameter	Sample ID: / Sample Depth(Inches): / Date Collected:	SL-I-122706-4-6 4-6 12/27/06	SL-I-122706-REM 0-0 12/27/06	SL-I-122706-SED 0-0 12/27/06	SL-I-122706-TOP 0-0 12/27/06	SL-J-122706-0-2 0-2 12/27/06	SL-J-122706-2-4 2-4 12/27/06	SL-J-122706-4-6 4-6 12/27/06
PCBs								
Aroclor-1221		0.17 PB	ND(0.061) [ND(0.058)]	3.0 PB	ND(0.054)	ND(0.057)	ND(0.057)	ND(0.057)
Aroclor-1248		0.71 PE	0.21 PE [0.13 PE]	12 PE	ND(0.054)	0.12 PE	ND(0.057)	ND(0.057)
Aroclor-1254		0.83 AF	0.30 AF [0.11 AF]	6.9 AF	ND(0.054)	0.065 AF	ND(0.057)	ND(0.057)
Aroclor-1260		0.61 AG	0.23 AG [0.13 AG]	3.3 AG	ND(0.054)	ND(0.057)	ND(0.057)	ND(0.057)
Total PCBs		2.32	0.74 [0.37]	25.2	ND(0.054)	0.185	ND(0.057)	ND(0.057)
Total Organic Carbon								
TOC - Replicate 1		11000	9000 [6100]	13000	8500	3300	5000	2900
TOC - Replicate 2		13000	8300 [7100]	14000	7300	3100	4000	2800
TOC - Replicate 3		12000	10000 [7800]	11000	9100	2600	4800	3400
TOC - Replicate 4		NA	NA	NA	NA	NA	NA	NA
TOC - Average		12000	9100 [7000]	13000	8300	3000	4600	3000
TOC - % RSD		8.5	9.7 [12]	15	11	12	12	12

TABLE 20-3
PCB AND TOC DATA RECEIVED DURING JANUARY 2007

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

Parameter	Sample ID: / Sample Depth(Inches): / Date Collected:	SL-J-122706-TOP 0-0 12/27/06	SL-K-122706-0-2 0-2 12/27/06	SL-K-122706-2-4 2-4 12/27/06	SL-K-122706-4-6 4-6 12/27/06	SL-K-122706-REM 0-0 12/27/06	SL-K-122706-TOP 0-0 12/27/06	SL-L-122706-0-2 0-2 12/27/06
PCBs								
Aroclor-1221		ND(0.062)	ND(0.061)	ND(0.062)	ND(0.059)	ND(0.062)	ND(0.063)	ND(0.059)
Aroclor-1248		ND(0.062)	ND(0.061)	ND(0.062)	ND(0.059)	ND(0.062)	ND(0.063)	ND(0.059)
Aroclor-1254		ND(0.062)	ND(0.061)	ND(0.062)	ND(0.059)	ND(0.062)	ND(0.063)	0.077 AF
Aroclor-1260		ND(0.062)	ND(0.061)	ND(0.062)	ND(0.059)	ND(0.062)	ND(0.063)	0.16 AG
Total PCBs		ND(0.062)	ND(0.061)	ND(0.062)	ND(0.059)	ND(0.062)	ND(0.063)	0.237
Total Organic Carbon								
TOC - Replicate 1		6100	2600	4100	4100	4100	3000	3700
TOC - Replicate 2		3300	1500	2400	5600	6300	2700	3800
TOC - Replicate 3		2600	1900	2400	4200	7000	3400	6700
TOC - Replicate 4		3400	2700	4600	NA	4400	NA	2300
TOC - Average		3800	2200	3400	4600	5400	3000	4200
TOC - % RSD		40	27	35	18	26	12	44

TABLE 20-3
PCB AND TOC DATA RECEIVED DURING JANUARY 2007

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

Parameter	Sample ID: / Sample Depth(Inches): / Date Collected:	SL-L-122706-2-4 2-4 12/27/06	SL-L-122706-4-6 4-6 12/27/06	SL-L-122706-REM 0-0 12/27/06	SL-L-122706-TOP 0-0 12/27/06	SL-M-122706-0-2 0-2 12/27/06	SL-M-122706-2-4 2-4 12/27/06	SL-M-122706-4-6 4-6 12/27/06
PCBs								
Aroclor-1221		ND(0.056)	ND(0.058)	ND(0.059)	ND(0.056)	ND(0.055)	ND(0.058)	ND(0.060)
Aroclor-1248		ND(0.056)	ND(0.058)	ND(0.059)	ND(0.056)	ND(0.055)	ND(0.058)	ND(0.060)
Aroclor-1254		ND(0.056)	ND(0.058)	ND(0.059)	ND(0.056)	ND(0.055)	ND(0.058)	ND(0.060)
Aroclor-1260		ND(0.056)	ND(0.058)	ND(0.059)	ND(0.056)	ND(0.055)	ND(0.058)	ND(0.060)
Total PCBs		ND(0.056)	ND(0.058)	ND(0.059)	ND(0.056)	ND(0.055)	ND(0.058)	ND(0.060)
Total Organic Carbon								
TOC - Replicate 1		2300	2500	5900	7300	4300	2700	4400
TOC - Replicate 2		2400	2700	1900	9100	2500	1700	4500
TOC - Replicate 3		3800	3100	2900	11000	2600	2400	3500
TOC - Replicate 4		2900	NA	3400	NA	2300	NA	NA
TOC - Average		2800	2800	3500	9100	2900	2300	4100
TOC - % RSD		24	12	49	20	31	21	14

Notes:
1. Samples were collected by ARCADIS BBL, and submitted to Northeast Analytical, Inc. for analysis of PCBs and total organic carbon (TOC).
2. % RSD - Percent relative standard deviation.
3. NA - Not Analyzed - TOC Replicate 4 is only analyzed and reported by laboratory when the % RSD of Replicate 1 thru Replicate 3 is greater than 25%.
4. With the exception of total organic carbon, only those constituents detected in one or more samples are summarized.
5. Field duplicate sample results are presented in brackets.

Data Qualifiers:

AG - Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AF - Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
PB - Aroclor 1221 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1221 is not present in the sample, but is reported to more accurately quantify PCBs present in a sample that has undergone environmental alteration.
PE - Aroclor 1248 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1248 is not present in the sample, but is reported to more accurately quantify PCBs present in a sample that has undergone environmental alteration.

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

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

a. Activities Undertaken/Completed

General:

- Conducted routine groundwater elevation and NAPL monitoring activities.

East Street Area 1-North and South:

- Continued automated groundwater and NAPL pumping at North Side and South Side Caissons. No LNAPL was recovered from the North or South Side Caissons in January.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 0.095 liters (0.025 gallons) of LNAPL were removed from this area during January.

East Street Area 2-South:

- Continued automated groundwater and LNAPL removal activities. A total of approximately 4,777,249 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 1,064 gallons of LNAPL were removed from pumping systems 64R, 64V, GMA1-17W, RW-1(S), RW-1(X), 64X, and 64S Caisson.

- Continued automated DNAPL removal activities. Approximately 60 gallons of DNAPL were removed from pumping system RW-3(X) during January.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 1.986 liters (0.524 gallons) of LNAPL were removed from wells in this area during January. No DNAPL was removed from wells in this area during January.

- Treated/discharged 4,492,566 gallons of water through 64G Groundwater Treatment Facility.

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

a. Activities Undertaken/Completed (cont'd)

East Street Area 2-North:

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

20s, 30s, and 40s Complexes:

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

Lyman Street Area:

- Continued automated groundwater and NAPL removal activities. A total of approximately 240,662 gallons of groundwater was recovered from pumping systems RW-1R, RW-2, and RW-3. No LNAPL was removed from the automated recovery systems during January.

- Continued routine well monitoring and NAPL removal activities. No LNAPL was removed from wells in this area during January. Approximately 3.962 liters (1.046 gallons) of DNAPL were removed from wells in this area during January.

Newell Street Area II:

- Continued automated DNAPL removal activities. A total of approximately 72.9 gallons of DNAPL was removed by System 2 in January.

- Continued routine well monitoring and NAPL removal activities including quarterly monitoring of select water table wells. Approximately 1.137 liters (0.300 gallons) of LNAPL were recovered from this area during January. No DNAPL was recovered from this area during January.

Silver Lake Area:

- Continued routine monitoring of staff gauge in lake.

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

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted Supplemental Groundwater Quality Monitoring Report for Fall 2006 (January 30, 2007).

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

- Submit Semi-Annual NAPL Monitoring Report for Fall 2006 (due by February 28, 2007).
- Initiate detailed design of new recovery system and water conveyance pipeline in former scrapyard portion of East Street Area 2-South.
- Continue routine groundwater and NAPL monitoring/recovery activities.
- Repair/replace wells that were damaged during Newell Street Area II Removal Action.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- The replacement for monitoring well O-R was not installed following decommissioning of that well in December 2006, as the proposed location was not accessible to the drill rig. No suitable alternate locations could be identified where a well could be installed at this time, due to future changes in the ground surface that are proposed for this area. Following discussions among representatives of GE, EPA, and PEDA, it was decided that the well would be installed in 2007 following construction/re-grading activities in this area. At that time, GE will also extend or cut certain existing wells to fit the final grade, as discussed in GE's May 22, 2006 proposal.
- Installation of new recovery system in former scrapyard portion of East Street Area 2-South will include re-design of existing piping system to 64G treatment system. Because of this, well installation and the start of recovery operation is anticipated to occur in Spring/Summer 2007.

f. Proposed/Approved Work Plan Modifications

Received EPA's conditional approval of GE's October 30, 2006 *Evaluation of Additional Recovery Measures and Proposal to Install LNAPL Recovery Well – 60s Complex* (January 10, 2007). The proposed recovery well (referred to as RW-3 in the proposal) will be designated as RW-4, to avoid potential confusion with Lyman Street recovery well RW-3.

TABLE 21-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2007

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Building 78 Drum Sampling	BLDG.78-A3342A3343	12/14/06	Soil	SGS	PCB, TCLP	1/5/07
Building 78 Drum Sampling	BLDG.78-F2303	12/14/06	Oil	SGS	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals	1/8/07
Building 78 Drum Sampling	BLDG.78-LYMANST.HUT	12/14/06	Oil	SGS	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals	1/8/07
Building 78 Drum Sampling	BLDG78-B0567	12/12/06	Water	SGS	PCB, VOC, SVOC, Total RCRA Metals	1/5/07
Building 78 Drum Sampling	F2284-1, F2288-1, F2302-1	12/7/06	Oil	SGS	PCB, VOC, SVOC, Total RCRA Metals	1/3/07
Building 78 Drum Sampling	F2593-1	12/7/06	Oil	SGS	PCB, VOC, SVOC, Total RCRA Metals	1/3/07
Sampling of Well Development Water	F1691-1	12/6/06	Liquid	SGS	PCB, VOC, SVOC, Total RCRA Metals	1/2/07

TABLE 21-2
DATA RECEIVED DURING JANUARY 2007

BUILDING 78 DRUM SAMPLING
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID:	BLDG.78-F2303	BLDG.78-LymanSt.Hut	Bldg78-B0567	F1691-1	F2284-1, F2288-1, F2302-1	F2593-1
Matrix:	Oil	Oil	Water	Liquid	Oil	Oil
Date Collected:	12/14/06	12/14/06	12/12/06	12/06/06	12/07/06	12/07/06
Volatile Organics						
Carbon Tetrachloride	ND(250)	1500	ND(0.0010)	ND(1.0)	ND(500)	ND(80)
Chlorobenzene	1100	970	ND(0.0010)	ND(1.0)	ND(500)	1400
Chloroform	ND(250)	ND(100)	ND(0.0010)	0.64 J	ND(500)	ND(80)
Ethylbenzene	70 J	ND(100)	ND(0.0010)	ND(1.0)	780	ND(80)
Toluene	ND(250)	ND(100)	0.00018 J	0.46 J	ND(500)	ND(80)
Trichloroethene	ND(250)	790	ND(0.0010)	29	ND(500)	ND(80)
Xylenes (total)	960	630	ND(0.0010)	1.2	84 J	ND(80)
PCBs						
Aroclor-1254	150000	350000	0.0025	71	ND(6400)	ND(980)
Aroclor-1260	ND(9100)	ND(48000)	ND(0.0010)	ND(5.2)	7400	11000
Total PCBs	150000	350000	0.0025	71	7400	11000
Semivolatile Organics						
1,2,4-Trichlorobenzene	550	340	ND(0.010)	0.81	ND(93)	ND(2000)
1,2-Dichlorobenzene	70 J	ND(190)	ND(0.010)	0.028 J	ND(93)	ND(2000)
1,3-Dichlorobenzene	230	120 J	ND(0.010)	0.063 J	49 J	ND(2000)
1,4-Dichlorobenzene	920	470	ND(0.010)	0.062 J	93	ND(2000)
2-Methylnaphthalene	530	1500	ND(0.010)	ND(0.10)	54 J	5200
Acenaphthene	500	560	ND(0.010)	ND(0.10)	ND(93)	810 J
Acenaphthylene	33 J	110 J	ND(0.010)	ND(0.10)	ND(93)	ND(2000)
Anthracene	280	430	ND(0.010)	ND(0.10)	ND(93)	490 J
Benzo(a)anthracene	200	490	ND(0.010)	ND(0.10)	ND(93)	550 J
Benzo(a)pyrene	140	410	ND(0.010)	ND(0.10)	ND(93)	380 J
Benzo(b)fluoranthene	150	300	ND(0.010)	ND(0.10)	ND(93)	ND(2000)
Benzo(k)fluoranthene	34 J	140 J	ND(0.010)	ND(0.10)	ND(93)	ND(2000)
bis(2-Ethylhexyl)phthalate	83 J	580	ND(0.010)	0.016 J	31 J	ND(2000)
Chrysene	220	450	ND(0.010)	ND(0.10)	11 J	490 J
Dibenzofuran	60 J	120 J	ND(0.010)	ND(0.10)	ND(93)	ND(2000)
Fluoranthene	450	760	ND(0.010)	ND(0.10)	24 J	1100 J
Fluorene	320	770	ND(0.010)	ND(0.10)	ND(93)	ND(2000)
Indeno(1,2,3-cd)pyrene	69 J	180 J	ND(0.010)	ND(0.10)	ND(93)	ND(2000)
Naphthalene	370	2100	ND(0.010)	0.020 J	ND(93)	18000
Nitrobenzene	ND(90)	ND(190)	ND(0.010)	ND(0.10)	18 J	ND(2000)
Phenanthrene	1100	1900	ND(0.010)	ND(0.10)	29 J	3000
Phenol	ND(90)	ND(190)	ND(0.010)	0.21	ND(93)	ND(2000)
Pyrene	660	1600	ND(0.010)	ND(0.10)	39 J	1800 J

TABLE 21-2
DATA RECEIVED DURING JANUARY 2007

BUILDING 78 DRUM SAMPLING
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Matrix: / Date Collected:	BLDG.78-F2303 Oil 12/14/06	BLDG.78-LymanSt.Hut Oil 12/14/06	Bldg78-B0567 Water 12/12/06	F1691-1 Liquid 12/06/06	F2284-1, F2288-1, F2302-1 Oil 12/07/06	F2593-1 Oil 12/07/06
Inorganics							
Arsenic		2.47	4.07	ND(0.0100)	ND(0.0100)	2.06	3.14
Barium		33.2	22.4	0.0886 B	0.0999 B	1.96 B	1.96 B
Cadmium		0.471 B	0.624 B	0.00586 B	0.000650 B	0.475 B	0.432 B
Chromium		7.99	5.86	0.00745 B	0.00256 B	0.618 B	0.496 B
Lead		22.9	24.7	0.00886 B	0.0693	0.812 B	0.443 B
Mercury		0.0282	0.0290	ND(0.000285)	ND(0.000285)	ND(0.0167)	ND(0.0167)
Selenium		3.18	1.55 B	ND(0.0200)	ND(0.0200)	2.51	4.85
Silver		0.496 B	0.613 B	0.00285 B	0.000610 B	0.543 B	0.541 B
Conventionals							
Flashpoint (^{o}F)		>200	>200	NA	NA	NA	NA

Notes:
1. Samples were collected by ARCADIS BBL, and submitted to SGS Environmental Services, Inc. for analysis of PCBs, volatiles, semivolatiles, metals and flashpoint.
2. Only those constituents detected in one or more samples are summarized.
3. NA - Not Analyzed.

Data Qualifiers:

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

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

TABLE 21-3
PCB DATA RECEIVED DURING JANUARY 2007

BUILDING 78 DRUM SAMPLING
GROUNDWATER MANAGEMENT AREA 1
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
BLDG.78-A3342A3343	12/14/2006	ND(0.034)	0.25	0.23	0.48

Notes:
1. Sample was collected by ARCADIS BBL, and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 21-4 for a summary of TCLP constituents.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

TABLE 21-4
TCLP DATA RECEIVED DURING JANUARY 2007

BUILDING 78 DRUM SAMPLING
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	BLDG.78-A3342A3343 12/14/2006
Volatile Organics		
1,1-Dichloroethene	0.7	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)
2-Butanone	200	ND(0.25)
Benzene	0.5	ND(0.010)
Carbon Tetrachloride	0.5	ND(0.010)
Chlorobenzene	100	ND(0.010)
Chloroform	6	ND(0.010)
Tetrachloroethene	0.7	ND(0.010)
Trichloroethene	0.5	ND(0.010)
Vinyl Chloride	0.2	ND(0.010)
Semivolatile Organics		
1,4-Dichlorobenzene	7.5	ND(0.010)
2,4,5-Trichlorophenol	400	ND(0.010)
2,4,6-Trichlorophenol	2	ND(0.010)
2,4-Dinitrotoluene	0.13	ND(0.010)
Cresol	200	ND(0.010)
Hexachlorobenzene	0.13	ND(0.010)
Hexachlorobutadiene	0.5	ND(0.010)
Hexachloroethane	3	ND(0.010)
Nitrobenzene	2	ND(0.010)
Pentachlorophenol	100	ND(0.050)
Pyridine	5	ND(0.010)
Inorganics		
Arsenic	5	ND(0.200)
Barium	100	0.272 B
Cadmium	1	0.0111 B
Chromium	5	0.0205 B
Lead	5	0.0884 B
Mercury	0.2	ND(0.000570)
Selenium	1	ND(0.200)
Silver	5	0.00860 B

Notes:

1. Sample was collected by ARCADIS BBL, and submitted to SGS Environmental Services, Inc. for analysis PCBs and TCLP constituents.
2. Please refer to Table 21-3 for a summary of PCBs.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

Data Qualifiers:

Inorganics

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

TABLE 21-5
AUTOMATED LNAPL & GROUNDWATER RECOVERY SYSTEMS MONTHLY SUMMARY
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Caisson	Month	Vol. LNAPL Collected (gallon)	Vol. Water Recovered (gallon)	Percent Downtime
Northside	January 2006	1.0	44,300	
	February 2006	1.0	27,700	
	March 2006	5.0	26,800	0.71
	April 2006	0.0	17,500	
	January 1900	0.0	20,500	
	June 2006	0.0	51,700	
	July 2006	0.0	18,500	
	August 2006	0.0	21,700	
	September 2006	0.0	13,000	0.89
	October 2006	0.0	17,000	
	November 2006	1.1	26,700	
	December 2006	0.0	13,700	
	January 2007	0.0	24,800	
Southside	January 2006	15.0	98,400	
	February 2006	0.0	98,500	
	March 2006	3.0	121,500	0.71
	April 2006	12.0	76,200	
	May 2006	12.0	73,500	
	June 2006	0.0	160,900	
	July 2006	0.0	58,900	
	August 2006	0.0	84,900	
	September 2006	25.0	59,400	0.89
	October 2006	1.0	55,800	
	November 2006	1.1	92,200	
	December 2006	0.6	64,400	
	January 2007	0.0	87,400	

TABLE 21-6
MEASUREMENT AND REMOVAL OF RECOVERABLE LNAPL
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	January 2007 Removal (liters)
ES1-08	1/23/2007	5.60	4.99	0.61	0.095	0.095

Total Manual LNAPL Removal for January 2007: 0.095 liters
0.025 gallons

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

TABLE 21-7
ROUTINE WELL MONITORING
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA 1 - East Street Area 1 - North									
52	999.26	1/23/2007	4.78	---	0.00	---	12.90	0.00	994.48
131	1001.18	1/23/2007	3.99	---	0.00	---	6.65	0.00	997.19
140	1000.30	1/23/2007	7.03	---	0.00	---	15.25	0.00	993.27
ES1-08	1000.85	1/23/2007	5.60	4.99	0.61	---	13.47	0.00	995.82
North Caisson	997.84	1/3/2007	18.50	18.49	0.01	---	19.80	0.00	979.35
North Caisson	997.84	1/10/2007	18.45	18.44	0.01	---	19.80	0.00	979.40
North Caisson	997.84	1/16/2007	14.40	14.39	0.01	---	19.80	0.00	983.45
North Caisson	997.84	1/23/2007	18.21	18.20	0.01	---	19.80	0.00	979.64
North Caisson	997.84	1/31/2007	18.45	18.44	0.01	---	19.80	0.00	979.40
GMA 1 - East Street Area 1 - South									
31R	1,000.23	1/23/2007	8.85	---	0.00	---	15.02	0.00	991.38
33	999.50	1/23/2007	Vehicle Parked over Well						NA
34	999.90	1/23/2007	5.58	---	0.00	---	21.05	0.00	994.32
72	1000.62	1/23/2007	6.35	---	0.00	---	22.00	0.00	994.27
72R	1000.92	1/23/2007	6.20	---	0.00	---	13.30	0.00	994.72
South Caisson	1001.11	1/3/2007	14.59	14.58	0.01	---	15.00	0.00	986.53
South Caisson	1001.11	1/10/2007	14.40	14.39	0.01	---	15.00	0.00	986.72
South Caisson	1001.11	1/16/2007	14.50	14.49	0.01	---	15.00	0.00	986.62
South Caisson	1001.11	1/23/2007	14.48	14.47	0.01	---	15.00	0.00	986.64
South Caisson	1001.11	1/31/2007	14.51	14.50	0.01	---	15.00	0.00	986.61

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 21-8
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
17W	October 2006	21		
	November 2006	24		
	December 2006	13		
	January 2007	7.7		
40R	January 2006	0		
	February 2006	0		
	March 2006	0		
	April 2006	0		
	May 2006	0		
	June 2006	0		
	July 2006	0		
	August 2006	0		
	September 2006	0		
	October 2006	0		
	November 2006	0		
	December 2006	0		
	January 2007	0		
64R	January 2006	400	896,700	
	February 2006	375	899,800	
	March 2006	150	170,611	0.71
	April 2006	75	375,609	
	May 2006	75	435,398	
	June 2006	550	720,359	
	July 2006	250	345,697	
	August 2006	25	38,948	
	September 2006	75	4,627	0.89
	October 2006	0	16,844	0.15
	November 2006	12.5	211,062	
	December 2006	18.8	85,911	
	January 2007	50	225,994	
64S System	January 2006	245	1,080,795	
	February 2006	673	1,304,005	
	March 2006	1,285	1,078,733	2.14
	April 2006	558	696,282	5.36
	May 2006	51	668,110	1.79
	June 2006	327	1,061,071	0.93
	July 2006	472	732,853	0.93
	August 2006	238	646,128	
	September 2006	188	393,032	0.89
	October 2006	82	400,898	0.30
	November 2006	75	682,641	3.37
	December 2006	209	638,261	
	January 2007	361	856,752	2.46
64V [1]	January 2006	697	1,208,800	
	February 2006	598	1,177,900	
	March 2006	315	1,251,800	0.71
	April 2006	249	901,800	
	May 2006	431	911,700	
	June 2006	697	1,228,300	
	July 2006	548	885,300	
	August 2006	548	1,016,400	
	September 2006	332	794,600	0.89
	October 2006	432	825,400	0.15
	November 2006	855	1,181,500	
	December 2006	493	1,017,800	
	January 2007	597	1,131,400	

TABLE 21-8
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64X	January 2006	1	417,600	
	February 2006	1	388,800	
	March 2006	1	504,000	0.71
	April 2006	1	403,200	
	May 2006	83	403,200	
	June 2006	14	518,400	
	July 2006	28	388,800	
	August 2006	127	504,000	
	September 2006	24.2	403,200	0.89
	October 2006	68.2	403,200	0.15
	November 2006	13.9	489,600	
	December 2006	14.9	446,400	
	January 2007	24.6	475,200	
RW-2(X)	January 2006	0	710,700	
	February 2006	0	1,288,600	
	March 2006	0	1,081,726	0.71
	April 2006	10	408,494	
	May 2006	0	652,543	
	June 2006	0	1,463,805	
	July 2006	0	1,076,551	
	August 2006	0	1,146,830	
	September 2006	1	546,233	0.89
	October 2006	0	574,780	0.15
	November 2006		742,383	
	December 2006	0	681,784	
	January 2007	0	741,727	
RW-1(S) [2]	January 2006	30	270,228	
	February 2006	27	1,042,895	
	March 2006	40	1,049,702	0.71
	April 2006	57	736,984	
	May 2006	77	744,621	
	June 2006	59	935,039	4.63
	July 2006	28	722,887	
	August 2006	17	741,315	
	September 2006	12	554,826	0.89
	October 2006	31	583,596	0.00
	November 2006	85	877,320	5.88
	December 2006	43	706,488	
	January 2007	24	814,809	
RW-1(X)	January 2006	0	417,500	
	February 2006	0	381,500	
	March 2006	0	119,720	0.71
	April 2006	0	403,940	
	May 2006	0	385,828	
	July 2006	0	561,633	
	June 2006	0	369,041	
	August 2006	0	471,215	
	September 2006	1.1	374,761	0.89
	October 2006	0	397,949	0.15
	November 2006	2	545,763	
	December 2006	0	435,048	
	January 2007	0	531,367	

TABLE 21-8
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
RW-3(X)	January 2006	27		
	February 2006	20		
	March 2006	36		
	April 2006	29		
	May 2006	29		
	June 2006	42		
	July 2006	28		
	August 2006	37		
	September 2006	26		
	October 2006	22		
	November 2006	32		5.88
	December 2006	18		
	January 2007	60		6.06

Summary of Total Automated Removal		
Water:	**4,777,249**	**Gallons**
LNAPL:	**1,064**	**Gallons**
DNAPL:	**60**	**Gallons**

Notes:

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

TABLE 21-9
WELL MONITORING AND RECOVERY OF LNAPL
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	January 2007 Removal (liters)
East Street Area 2 - South						
13	1/22/2007	17.00	16.96	0.04	0.005	0.005
14	1/22/2007	17.10	17.05	0.05	0.031	0.031
26RR	1/22/2007	21.68	21.33	0.35	0.216	0.216
48	1/22/2007	16.50	14.92	1.58	0.975	0.975
55	1/22/2007	16.69	15.85	0.84	0.518	0.518
95-04R	1/22/2007	15.36	13.21	2.15	1.326	1.326
95-07R	1/22/2007	18.29	18.27	0.02	0.012	0.012
GMA1-15	1/3/2007	15.50	15.12	0.38	0.234	1.02
	1/10/2007	14.88	14.55	0.33	0.204	
	1/15/2007	14.90	14.58	0.32	0.197	
	1/22/2007	14.82	14.60	0.22	0.136	
	1/31/2007	15.50	15.09	0.41	0.253	
GMA1-16	1/3/2007	13.05	12.48	0.57	0.043	0.14
	1/10/2007	12.45	12.42	0.03	0.019	
	1/15/2007	12.22	12.20	0.02	0.012	
	1/22/2007	12.27	12.23	0.04	0.025	
	1/31/2007	12.81	12.75	0.06	0.037	
GMA1-19	1/3/2007	11.30	10.90	0.40	0.247	0.83
	1/15/2007	10.45	10.40	0.05	0.031	
	1/22/2007	10.70	10.45	0.25	0.154	
	1/31/2007	11.60	10.96	0.64	0.395	

Total LNAPL Removal East Street Area 2 - South for January 2007: 1.986 liters
0.524 gallons

Total LNAPL Removal East Street Area 2 - North for January 2007: 0.000 liters
0.000 gallons

Total LNAPL Removal 20's, 30's & 40's Complexs for January 2007: 0.000 liters
0.000 gallons

Total LNAPL Removal for January 2007: 1.986 liters
0.524 gallons

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

TABLE 21-10
64G TREATMENT PLANT DISCHARGE DATA
GROUNDWATER MANAGEMENT AREA 1

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

Date	Housatonic River Discharge (gallons)	Recharge Pond Discharge (gallons)	Total Discharge (gallons)
January 2006	6,317,250	89,159	6,406,409
February 2006	8,371,400	114,659	8,486,059
March 2006	5,301,850	200,184	5,502,034
April 2006	4,830,590	255,870	5,086,460
May 2006	5,110,840	263,791	5,374,631
June 2006	5,067,810	293,825	5,361,635
July 2006	4,631,550	348,554	4,980,104
August 2006	3,542,620	322,375	3,864,995
September 2006	2,938,190	327,432	3,265,622
October 2006	3,358,570	240,091	3,598,661
November 2006	4,003,730	173,630	4,177,360
December 2006	3,733,070	192,539	3,925,609
January 2006	4,323,220	169,346	4,492,566

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 21-11
ROUTINE WELL MONITORING
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
East Street Area 2 - North									
ES1-20	1,001.56	1/17/2007	13.10	---	0.00	---	19.60	0.00	988.46
East Street Area 2 - South									
13	990.88	1/22/2007	17.00	16.96	0.04	---	22.50	0.00	973.92
14	991.61	1/22/2007	17.10	17.05	0.05	---	25.64	0.00	974.56
19	983.59	1/3/2007	10.85	---	0.00	---	17.95	0.00	972.74
19	983.59	1/10/2007	10.15	---	0.00	---	17.95	0.00	973.44
19	983.59	1/15/2007	9.70	---	0.00	---	17.92	0.00	973.89
19	983.59	1/22/2007	10.44	---	0.00	---	17.88	0.00	973.15
19	983.59	1/31/2007	10.40	---	0.00	---	17.84	0.00	973.19
25R	998.31	1/22/2007	23.33	19.65	3.68	---	30.75	0.00	978.40
26RR	1,000.58	1/22/2007	21.68	21.33	0.35	---	28.43	0.00	979.23
40R	991.60	1/22/2007	Obstructed at 13.10 (ft BMP)						NA
48	992.39	1/22/2007	16.50	14.92	1.58	---	22.49	0.00	977.36
49R	988.71	1/22/2007	14.78	---	0.00	---	24.88	0.00	973.93
49RR	989.80	1/22/2007	15.83	---	0.00	---	23.04	0.00	973.97
50	985.79	1/22/2007	9.34	9.32	0.02	---	23.40	0.00	976.47
53	986.90	1/22/2007	13.38	---	0.00	---	25.44	0.00	973.52
55	989.45	1/22/2007	16.69	15.85	0.84	---	30.04	0.00	973.54
64R	993.37	1/3/2007	16.61	16.59	0.02	---	20.50	0.00	976.78
64R	993.37	1/10/2007	16.68	P	< 0.01	---	20.50	0.00	976.69
64R	993.37	1/16/2007	16.70	P	< 0.01	---	20.50	0.00	976.67
64R	993.37	1/23/2007	16.55	16.54	0.01	---	20.50	0.00	976.83
64R	993.37	1/31/2007	16.18	16.17	0.01	---	20.50	0.00	977.20
64S	984.48	1/3/2007	19.21	19.20	0.01	---	28.70	0.00	965.28
64S	984.48	1/10/2007	19.20	P	< 0.01	---	28.70	0.00	965.28
64S	984.48	1/16/2007	19.28	P	< 0.01	---	28.70	0.00	965.20
64S	984.48	1/23/2007	19.20	19.18	0.02	---	28.70	0.00	965.30
64S	984.48	1/31/2007	19.25	19.24	0.01	---	28.70	0.00	965.24
64S-Caisson	NA	1/3/2007	10.48	10.47	0.01	---	14.55	0.00	NA
64S-Caisson	NA	1/10/2007	9.70	9.69	0.01	---	14.55	0.00	NA
64S-Caisson	NA	1/16/2007	11.10	11.01	0.09	---	14.55	0.00	NA
64S-Caisson	NA	1/23/2007	10.80	10.79	0.01	---	14.55	0.00	NA
64S-Caisson	NA	1/31/2007	10.70	10.69	0.01	---	14.55	0.00	NA
64V	987.29	1/3/2007	21.90	21.50	0.40	---	29.60	0.00	965.76
64V	987.29	1/10/2007	21.80	21.40	0.40	P	29.60	< 0.01	965.86
64V	987.29	1/16/2007	22.10	21.80	0.30	---	29.60	0.00	965.47
64V	987.29	1/23/2007	22.60	22.50	0.10	P	29.60	< 0.01	964.78
64V	987.29	1/31/2007	22.10	21.70	0.40	P	29.60	< 0.01	965.56
64X(N)	984.83	1/3/2007	11.78	11.77	0.01	---	15.85	0.00	973.06
64X(N)	984.83	1/10/2007	11.00	10.99	0.01	---	15.85	0.00	973.84
64X(N)	984.83	1/16/2007	11.00	10.99	0.01	---	15.85	0.00	973.84
64X(N)	984.83	1/23/2007	11.65	11.62	0.03	---	15.85	0.00	973.21
64X(N)	984.83	1/31/2007	11.96	11.95	0.01	---	15.85	0.00	972.88
64X(S)	981.56	1/3/2007	14.80	14.72	0.08	---	23.82	0.00	966.83
64X(S)	981.56	1/10/2007	17.10	17.09	0.01	---	23.82	0.00	964.47

TABLE 21-11
ROUTINE WELL MONITORING
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
64X(S)	981.56	1/16/2007	13.90	13.88	0.02	---	23.82	0.00	967.68
64X(S)	981.56	1/23/2007	14.56	14.54	0.02	---	23.82	0.00	967.02
64X(S)	981.56	1/31/2007	14.98	14.95	0.03	---	23.82	0.00	966.61
64X(W)	984.87	1/3/2007	17.89	17.88	0.01	---	24.35	0.00	966.99
64X(W)	984.87	1/10/2007	13.94	13.90	0.04	---	24.35	0.00	970.97
64X(W)	984.87	1/16/2007	17.10	17.08	0.02	---	24.35	0.00	967.79
64X(W)	984.87	1/23/2007	17.75	17.74	0.01	---	24.35	0.00	967.13
64X(W)	984.87	1/31/2007	18.10	18.09	0.01	---	24.35	0.00	966.78
95-01	983.77	1/22/2007	9.65	---	0.00	---	17.13	0.00	974.12
95-04R	988.70	1/22/2007	15.36	13.21	2.15	---	21.93	0.00	975.34
95-07R	994.91	1/22/2007	18.29	18.27	0.02	---	26.50	0.00	976.64
3-6C-EB-22	986.94	1/22/2007	13.37	---	0.00	---	19.98	0.00	973.57
E2SC-23	992.07	1/22/2007	16.36	---	0.00	---	21.15	0.00	975.71
E2SC-24	987.90	1/22/2007	14.95	---	0.00	---	21.59	0.00	972.95
ES2-06	986.00	1/22/2007	12.61	---	0.00	---	34.56	0.00	973.39
GMA1-14	997.43	1/22/2007	18.07	---	0.00	---	23.25	0.00	979.36
GMA1-15	988.59	1/3/2007	15.50	15.12	0.38	---	17.84	0.00	973.44
GMA1-15	988.59	1/10/2007	14.88	14.55	0.33	---	17.84	0.00	974.02
GMA1-15	988.59	1/15/2007	14.90	14.58	0.32	---	17.84	0.00	973.99
GMA1-15	988.59	1/22/2007	14.82	14.60	0.22	---	17.84	0.00	973.97
GMA1-15	988.59	1/31/2007	15.50	15.09	0.41	---	17.84	0.00	973.47
GMA1-16	986.82	1/3/2007	13.05	12.48	0.57	---	19.96	0.00	974.30
GMA1-16	986.82	1/10/2007	12.45	12.42	0.03	---	19.97	0.00	974.40
GMA1-16	986.82	1/15/2007	12.22	12.20	0.02	---	19.96	0.00	974.62
GMA1-16	986.82	1/22/2007	12.27	12.23	0.04	---	19.96	0.00	974.59
GMA1-16	986.82	1/31/2007	12.81	12.75	0.06	---	17.96	0.00	974.07
GMA1-17E	993.03	1/22/2007	14.78	14.77	0.01	---	17.31	0.00	978.26
GMA1-19	984.28	1/3/2007	11.30	10.90	0.40	---	17.13	0.00	973.35
GMA1-19	984.28	1/10/2007	10.36	---	0.00	---	17.13	0.00	973.92
GMA1-19	984.28	1/15/2007	10.45	10.40	0.05	---	17.14	0.00	973.88
GMA1-19	984.28	1/22/2007	10.70	10.45	0.25	---	17.13	0.00	973.81
GMA1-19	984.28	1/31/2007	11.60	10.96	0.64	---	17.14	0.00	973.28
GMA1-20	983.49	1/3/2007	10.40	---	0.00	---	17.30	0.00	973.09
GMA1-20	983.49	1/10/2007	9.74	---	0.00	---	17.30	0.00	973.75
GMA1-20	983.49	1/15/2007	9.85	---	0.00	---	17.30	0.00	973.64
GMA1-20	983.49	1/22/2007	10.01	---	0.00	---	17.27	0.00	973.48
GMA1-20	983.49	1/31/2007	10.51	---	0.00	---	17.30	0.00	972.98
GMA1-21	985.68	1/3/2007	12.60	---	0.00	---	19.45	0.00	973.08
GMA1-21	985.68	1/10/2007	11.85	---	0.00	---	19.46	0.00	973.83
GMA1-21	985.68	1/15/2007	12.00	---	0.00	---	19.46	0.00	973.68
GMA1-21	985.68	1/22/2007	12.09	---	0.00	---	19.40	0.00	973.59
GMA1-21	985.68	1/31/2007	12.55	---	0.00	---	19.46	0.00	973.13
GMA1-22	988.45	1/3/2007	14.92	---	0.00	---	19.25	0.00	973.53
GMA1-22	988.45	1/10/2007	14.35	---	0.00	---	19.25	0.00	974.10
GMA1-22	988.45	1/15/2007	14.30	---	0.00	---	19.24	0.00	974.15
GMA1-22	988.45	1/22/2007	14.35	---	0.00	---	19.23	0.00	974.10
GMA1-22	988.45	1/31/2007	14.85	---	0.00	---	19.25	0.00	973.60
GMA1-23	986.16	1/3/2007	12.76	---	0.00	---	17.30	0.00	973.40
GMA1-23	986.16	1/10/2007	12.20	---	0.00	---	17.30	0.00	973.96
GMA1-23	986.16	1/15/2007	12.15	---	0.00	---	17.30	0.00	974.01
GMA1-23	986.16	1/22/2007	12.13	---	0.00	---	17.30	0.00	974.03
GMA1-23	986.16	1/31/2007	12.65	---	0.00	---	17.30	0.00	973.51
GMA1-24	983.81	1/3/2007	10.82	---	0.00	---	16.09	0.00	972.99

TABLE 21-11
ROUTINE WELL MONITORING
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA1-24	983.81	1/10/2007	10.12	---	0.00	---	16.08	0.00	973.69
GMA1-24	983.81	1/15/2007	10.70	---	0.00	---	16.08	0.00	973.11
GMA1-24	983.81	1/22/2007	10.31	---	0.00	---	16.07	0.00	973.50
GMA1-24	983.81	1/31/2007	10.85	---	0.00	---	16.05	0.00	972.96
HR-G1-MW-1	982.42	1/22/2007	9.94	---	0.00	---	20.50	0.00	972.48
HR-G1-MW-2	980.23	1/22/2007	7.48	---	0.00	---	28.40	0.00	972.75
HR-G1-MW-3	980.21	1/22/2007	7.90	---	0.00	---	17.84	0.00	972.31
HR-G2-MW-1	982.60	1/22/2007	10.40	---	0.00	---	18.24	0.00	972.20
HR-G2-MW-2	981.39	1/22/2007	8.00	---	0.00	---	17.67	0.00	973.39
HR-G2-MW-3	987.14	1/22/2007	14.15	---	0.00	---	22.00	0.00	972.99
HR-G2-RW-1	976.88	1/22/2007	5.65	---	0.00	---	18.70	0.00	972.66
HR-G3-MW-1	982.45	1/22/2007	14.35	---	0.00	---	17.72	0.00	968.10
HR-G3-MW-2	987.88	1/22/2007	14.92	---	0.00	---	17.72	0.00	972.96
HR-G3-RW-1	977.78	1/22/2007	4.50	---	0.00	---	8.55	0.00	973.28
HR-J1-MW-1	985.95	1/22/2007	13.10	---	0.00	---	25.95	0.00	972.85
HR-J1-MW-2	983.56	1/22/2007	10.22	---	0.00	---	17.75	0.00	973.34
HR-J1-MW-3	987.68	1/22/2007	14.50	---	0.00	---	26.50	0.00	973.18
HR-J1-RW-1	975.05	1/22/2007	2.60	---	0.00	---	14.93	0.00	972.45
RW-1(S)	987.23	1/3/2007	19.30	19.07	0.23	---	28.60	0.00	968.14
RW-1(S)	987.23	1/10/2007	19.20	19.00	0.20	---	28.60	0.00	968.22
RW-1(S)	987.23	1/16/2007	19.97	19.88	0.09	---	28.60	0.00	967.34
RW-1(S)	987.23	1/23/2007	19.01	19.00	0.01	---	28.60	0.00	968.23
RW-1(S)	987.23	1/31/2007	19.70	19.60	0.10	---	28.60	0.00	967.62
RW-1(X)	982.68	1/3/2007	14.33	14.23	0.10	---	20.80	0.00	968.44
RW-1(X)	982.68	1/10/2007	14.20	14.18	0.02	---	20.80	0.00	968.50
RW-1(X)	982.68	1/16/2007	14.20	14.18	0.02	---	20.80	0.00	968.50
RW-1(X)	982.68	1/23/2007	14.40	14.38	0.02	---	20.80	0.00	968.30
RW-1(X)	982.68	1/31/2007	14.30	14.24	0.06	---	20.80	0.00	968.44
RW-2(X)	985.96	1/3/2007	12.91	---	0.00	---	15.30	0.00	973.05
RW-2(X)	985.96	1/10/2007	12.23	---	0.00	---	15.30	0.00	973.73
RW-2(X)	985.96	1/16/2007	12.21	---	0.00	---	15.30	0.00	973.75
RW-2(X)	985.96	1/23/2007	12.85	---	0.00	---	15.30	0.00	973.11
RW-2(X)	985.96	1/31/2007	13.20	---	0.00	---	15.30	0.00	972.76
RW-3(X)	980.28	1/3/2007	8.80	---	0.00	43.10	44.40	1.30	971.48
RW-3(X)	980.28	1/10/2007	8.00	---	0.00	41.02	44.40	3.38	972.28
RW-3(X)	980.28	1/16/2007	7.95	---	0.00	43.00	44.40	1.40	972.33
RW-3(X)	980.28	1/23/2007	8.88	---	0.00	42.80	44.40	1.60	971.40
RW-3(X)	980.28	1/31/2007	8.80	---	0.00	42.40	44.40	2.00	971.48
TMP-1	992.74	1/22/2007	18.96	---	0.00	---	21.91	0.00	973.78

TABLE 21-11
ROUTINE WELL MONITORING
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Housatonic River									
SG-HR-1	990.73	1/3/2007	18.98	See Note 6 regarding depth to water					971.75
SG-HR-1	990.73	1/10/2007	18.21	See Note 6 regarding depth to water					972.52
SG-HR-1	990.73	1/17/2007	17.95	See Note 6 regarding depth to water					972.78
SG-HR-1	990.73	1/24/2007	18.95	See Note 6 regarding depth to water					971.78
SG-HR-1	990.73	1/30/2007	19.26	See Note 6 regarding depth to water					971.47

Notes:

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

TABLE 21-12
ACTIVE RECOVERY SYSTEMS MONTHLY SUMMARY
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

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

Month / Year	Volume Water Pumped (gallon)	RW-1 DNAPL Recovered (gallon)	RW-1R LNAPL Recovered (gallon)	RW-3 LNAPL Recovered (gallon)
January 2005	443,634	--	--	10
February 2005	409,113	--	--	5
March 2005	455,192	--	--	5
April 2005	425,145	--	--	5
May 2005	357,497	--	--	--
June 2005	422,006	--	--	10
July 2005	310,647	--	5	10
August 2005	302,572	--	--	--
September 2005	198,753	--	--	--
October 2005	314,247	--	--	--
November 2005	412,936	--	--	--
December 2005	332,721	--	--	--
January 2006	342,548	--	--	--
February 2006	336,595	--	--	--
March 2006	322,169	--	--	--
April 2006	245,626	--	--	--
May 2006	253,821	--	--	--
June 2006	562,906	--	--	--
July 2006	206,016	--	--	--
August 2006	216,359	--	--	--
September 2006	172,604	--	--	--
October 2006	184,541	--	--	--
November 2006	270,731	--	--	--
December 2006	205,096	--	--	--
January 2007	240,662	--	--	5

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

TABLE 21-13
MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	January 2007 Removal (liters)
LSSC-07	1/3/2007	10.68	24.68	0.40	0.247	0.950
	1/10/2007	9.90	24.78	0.30	0.185	
	1/15/2007	10.10	24.85	0.23	0.142	
	1/24/2007	10.65	24.75	0.33	0.204	
	1/30/2007	10.45	24.80	0.28	0.173	
LSSC-08I	1/10/2007	11.25	23.34	0.01	0.006	0.012
	1/24/2007	12.23	23.34	0.01	0.006	
RW-1 (R)	1/31/2007	16.80	P	< 0.01	3.0	3.000

Total Manual DNAPL Removal for January 2007: 3.962 liters
1.046 gallons

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

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

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
EPA-01	983.04	1/16/2007	10.75	---	0.00	---	22.65	0.00	972.29
LS-24	986.58	1/16/2007	12.97	---	0.00	---	15.15	0.00	973.61
LS-30	986.440	1/16/2007	13.50	---	0.00	20.20	22.20	2.00	972.94
LS-31	987.090	1/16/2007	13.31	13.30	0.01	22.78	23.32	0.54	973.79
LS-34	985.79	1/16/2007	12.80	---	0.00	28.12	28.54	0.42	972.99
LS-38	986.95	1/16/2007	14.55	---	0.00	---	25.04	0.00	972.40
LS-44	980.78	1/16/2007	8.35	---	0.00	---	24.72	0.00	972.43
LSSC-07	982.48	1/3/2007	10.68	---	0.00	24.68	25.08	0.40	971.80
LSSC-07	982.48	1/10/2007	9.90	---	0.00	24.78	25.08	0.30	972.58
LSSC-07	982.48	1/15/2007	10.10	---	0.00	24.85	25.08	0.23	972.38
LSSC-07	982.48	1/24/2007	10.65	---	0.00	24.75	25.08	0.33	971.83
LSSC-07	982.48	1/30/2007	10.45	---	0.00	24.80	25.08	0.28	972.03
LSSC-08I	983.13	1/3/2007	12.10	---	0.00	---	23.36	0.00	971.03
LSSC-08I	983.13	1/10/2007	11.25	---	0.00	23.34	23.35	0.01	971.88
LSSC-08I	983.13	1/15/2007	11.40	---	0.00	---	23.37	0.00	971.73
LSSC-08I	983.13	1/24/2007	12.23	---	0.00	23.34	23.35	0.01	970.90
LSSC-08I	983.13	1/30/2007	12.50	---	0.00	---	23.36	0.00	970.63
LSSC-08S	983.11	1/16/2007	10.62	---	0.00	---	14.68	0.00	972.49
LSSC-16I	980.88	1/16/2007	9.10	---	0.00	---	28.54	0.00	971.78
LSSC-18	987.32	1/16/2007	13.58	---	0.00	---	18.58	0.00	973.74
LSSC-32	980.68	1/16/2007	8.04	---	0.00	---	35.24	0.00	972.64
LSSC-33	980.49	1/16/2007	7.90	---	0.00	---	29.10	0.00	972.59
LSSC-34I	984.74	1/16/2007	12.08	---	0.00	28.40	28.50	0.10	972.66
MW-4R	980.82	1/16/2007	8.25	---	0.00	---	14.04	0.00	972.57
RW-1	984.88	1/3/2007	12.20	---	0.00	P	21.00	< 0.01	972.68
RW-1	984.88	1/10/2007	11.80	---	0.00	---	21.00	0.00	973.08
RW-1	984.88	1/16/2007	11.65	11.64	0.01	---	21.00	0.00	973.24
RW-1	984.88	1/23/2007	11.90	---	0.00	---	21.00	0.00	972.98
RW-1	984.88	1/31/2007	12.00	---	0.00	---	21.00	0.00	972.88
RW-1 (R)	985.07	1/3/2007	14.64	P	< 0.01	---	20.42	0.00	970.43
RW-1 (R)	985.07	1/10/2007	15.81	P	< 0.01	P	20.42	< 0.01	969.26
RW-1 (R)	985.07	1/16/2007	16.60	16.59	0.01	---	20.42	0.00	968.48
RW-1 (R)	985.07	1/23/2007	15.60	---	0.00	P	20.42	< 0.01	969.47
RW-1 (R)	985.07	1/31/2007	16.80	---	0.00	P	20.42	< 0.01	968.27
RW-2	987.82	1/3/2007	14.14	---	0.00	---	21.75	0.00	973.68
RW-2	987.82	1/10/2007	13.40	---	0.00	---	21.75	0.00	974.42
RW-2	987.82	1/16/2007	13.20	---	0.00	---	21.75	0.00	974.62
RW-2	987.82	1/23/2007	13.70	---	0.00	---	21.75	0.00	974.12
RW-2	987.82	1/31/2007	14.01	---	0.00	---	21.75	0.00	973.81
RW-3	984.08	1/3/2007	16.40	16.36	0.04	---	21.57	0.00	967.72
RW-3	984.08	1/10/2007	14.51	14.49	0.02	---	21.57	0.00	969.59
RW-3	984.08	1/16/2007	16.40	16.36	0.04	---	21.57	0.00	967.72
RW-3	984.08	1/23/2007	16.65	16.62	0.03	---	21.57	0.00	967.46
RW-3	984.08	1/31/2007	16.80	16.73	0.07	---	21.57	0.00	967.35

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

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Housatonic River (Lyman Street Bridge)									
BM-2A	986.32	1/3/2007	15.68	See Note 4 regarding depth to water					970.64
BM-2A	986.32	1/10/2007	15.01	See Note 4 regarding depth to water					971.31
BM-2A	986.32	1/17/2007	15.03	See Note 4 regarding depth to water					971.29
BM-2A	986.32	1/24/2007	16.75	See Note 4 regarding depth to water					969.57
BM-2A	986.32	1/30/2007	16.15	See Note 4 regarding depth to water					970.17

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 21-15
ACTIVE DNAPL RECOVERY SYSTEMS MONTHLY SUMMARY
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1

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

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

Notes:

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

TABLE 21-16
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	January 2007 Removal (liters)
NS-10	1/24/2007	13.18	12.72	0.46	1.137	1.137

Total LNAPL Removal for January 2007: 1.137 liters
0.300 gallons

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

TABLE 21-17
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

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

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	January 2007 Removal (liters)
N2SC-07	1/24/2007	9.94	35.65	0.11	0.07	0.068
N2SC-08	1/24/2007	11.01	38.96	2.25	1.39	1.388
N2SC-09S	1/24/2007	8.81	12.93	0.14	0.09	0.086
NS-30	1/24/2007	9.91	34.79	0.31	0.19	0.191
NS-32	1/24/2007	10.88	37.96	0.05	0.03	0.031

Total DNAPL Removal for January 2007: 1.764 liters
0.465 gallons

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

TABLE 21-18
ROUTINE WELL MONITORING
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA1-8	981.66	1/24/2007	9.25	---	0.00	---	16.22	0.00	972.41
GMA1-9	982.36	1/24/2007	9.35	---	0.00	---	14.33	0.00	973.01
GMA1-25	987.51	1/24/2007	12.66	---	0.00	---	17.33	0.00	974.85
GMA1-26	983.73	1/24/2007	7.58	---	0.00	---	16.98	0.00	976.15
GMA1-27	981.30	1/24/2007	8.33	---	0.00	---	16.47	0.00	972.97
GMA1-28	981.70	1/24/2007	9.91	---	0.00	---	16.16	0.00	971.79
MW-1D	987.20	1/24/2007	13.24	---	0.00	38.53	38.72	0.19	973.96
MW-1S	986.60	1/24/2007	13.26	---	0.00	22.15	22.35	0.20	973.34
N2SC-01I	984.99	1/24/2007	11.61	---	0.00	36.24	40.39	4.15	973.38
N2SC-01I(R)	986.01	1/3/2007	15.25	---	0.00	41.40	42.60	1.20	970.76
N2SC-01I(R)	986.01	1/10/2007	14.61	---	0.00	41.80	42.60	0.80	971.40
N2SC-01I(R)	986.01	1/16/2007	14.40	---	0.00	41.20	42.60	1.40	971.61
N2SC-01I(R)	986.01	1/23/2007	15.10	---	0.00	41.30	42.60	1.30	970.91
N2SC-01I(R)	986.01	1/31/2007	13.49	---	0.00	41.10	42.60	1.50	972.52
N2SC-02	985.56	1/24/2007	10.75	---	0.00	---	38.34	0.00	974.81
N2SC-03I	986.24	1/24/2007	10.07	---	0.00	35.67	37.73	2.06	976.17
N2SC-03I(R)	985.86	1/3/2007	13.54	---	0.00	38.50	41.10	2.60	972.32
N2SC-03I(R)	985.86	1/10/2007	12.72	---	0.00	38.60	41.10	2.50	973.14
N2SC-03I(R)	985.86	1/16/2007	12.58	---	0.00	38.70	41.10	2.40	973.28
N2SC-03I(R)	985.86	1/23/2007	13.25	---	0.00	38.70	41.10	2.40	972.61
N2SC-03I(R)	985.86	1/31/2007	13.55	---	0.00	38.70	41.10	2.40	972.31
N2SC-07	984.61	1/24/2007	9.94	---	0.00	35.65	35.76	0.11	974.67
N2SC-07S	982.93	1/24/2007	Well could not be located			---	---	0.00	NA
N2SC-08	986.07	1/24/2007	11.01	---	0.00	38.96	41.21	2.25	975.06
N2SC-09S	987.84	1/24/2007	8.81	---	0.00	12.93	13.07	0.14	979.03
N2SC-14	985.06	1/3/2007	14.1	---	0.00	39.00	40.00	1.00	970.96
N2SC-14	985.06	1/10/2007	13.43	---	0.00	39.01	40.00	0.99	971.63
N2SC-14	985.06	1/16/2007	13.20	---	0.00	38.70	40.00	1.30	971.86
N2SC-14	985.06	1/23/2007	13.94	---	0.00	39.20	40.00	0.80	971.12
N2SC-14	985.06	1/31/2007	14.31	---	0.00	39.40	40.00	0.60	970.75
NS-9	982.51	1/24/2007	Well could not be located			---	---	0.00	NA
NS-10	984.59	1/24/2007	13.18	12.72	0.46	---	21.63	0.00	971.84
NS-15R	NA	1/24/2007	10.39	---	0.00	---	19.02	0.00	NA
NS-16	984.46	1/24/2007	Well is buried under asphalt road			---	---	0.00	NA
NS-17	984.64	1/24/2007	11.95	---	0.00	---	18.70	0.00	972.69
NS-20	985.29	1/24/2007	Well inside is iced over			---	---	0.00	NA
NS-30	985.99	1/24/2007	9.91	---	0.00	34.79	35.10	0.31	976.08
NS-32	986.20	1/24/2007	10.88	---	0.00	37.96	38.01	0.05	975.32

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 21-19
ROUTINE WELL MONITORING
SILVER LAKE AREA
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Staff Gauge within Silver Lake									
Silver Lake Gauge	980.30	1/3/2007	4.45	See Note 3 regarding depth to water					984.75
Silver Lake Gauge	980.30	1/10/2007	4.21	See Note 3 regarding depth to water					984.51
Silver Lake Gauge	980.30	1/17/2007	4.30	See Note 3 regarding depth to water					984.60
Silver Lake Gauge	980.30	1/24/2007	4.38	See Note 3 regarding depth to water					984.68
Silver Lake Gauge	980.30	1/30/2007	4.28	See Note 3 regarding depth to water					984.58

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 Silver Lake staff gauge. The "Depth to Water" value(s) provided in the above table refer to the vertical distance from the surveyed reference point to the water surface.
4. Additional groundwater elevation data were collected from wells near Silver Lake that are located in the 30s Complex and at the Lyman Street Area. Those results are presented in the monitoring tables for those Removal Action Areas.

ITEM 22
GROUNDWATER MANAGEMENT AREAS
FORMER OXBOWS J & K (GMA 2)
(GECD320)
JANUARY 2007

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

a. Activities Undertaken/Completed

Continued routine river elevation monitoring.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted Supplemental Groundwater Quality Report for Fall 2006 (January 30, 2007).

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

- Continue routine river elevation monitoring.
- Conduct supplemental sampling for PCBs at well GMA2-1 (early March 2007).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

A Baseline Assessment Final Report and Long-Term Monitoring Program Proposal will be submitted within 75 days of receipt of the final laboratory data packages from the March 2007 supplemental sampling activities.

TABLE 22-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2007

GROUNDWATER MANAGEMENT AREA 2
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Building 78 Drum Sampling	BLDG78-B0586	12/12/06	Water	SGS	PCB, VOC, SVOC, Total RCRA Metals	1/5/07

TABLE 22-2
DATA RECEIVED DURING JANUARY 2007

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

Parameter / Sample ID: / Date Collected:	Bldg78-B0586 12/12/06
Volatile Organics	
Toluene	0.00020 J
PCBs-Unfiltered	
Aroclor-1254	0.014
Total PCBs	0.014
Semivolatile Organics	
1,2,4-Trichlorobenzene	0.0031 J
bis(2-Ethylhexyl)phthalate	0.0018 J
Inorganics-Unfiltered	
Barium	0.0520 B
Cadmium	0.00569 B
Chromium	0.00867 B
Lead	0.0107
Selenium	0.0103 B
Silver	0.00298 B

Notes:

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

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles)

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

Inorganics

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

TABLE 22-3
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 2

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Housatonic River (Foot Bridge)									
GMA2-SG-1	989.82	1/30/2007	16.90	See Note 3 regarding depth to water					972.92

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)
JANUARY 2007

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

a. Activities Undertaken/Completed

Conducted routine groundwater elevation and NAPL monitoring activities. Approximately 13.061 liters (3.45 gallons) of LNAPL were removed by the automatic skimmer located in well 51-21 and an additional 1.623 liters (0.43 gallon) of LNAPL were manually removed from the wells in this area (see Table 23-3).

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine groundwater and NAPL monitoring/recovery activities.
- Install well GMA3-16, as directed in EPA's December 7, 2006 conditional approval letter for the GMA 3 Groundwater Quality and NAPL Monitoring Report for Spring 2006.
- Submit Groundwater Elevation and NAPL Monitoring Report for Fall 2006 (due by February 28, 2007).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Building 78 Drum Sampling	BLDG.78-HUT-COMP-6	12/12/06	Oil	SGS	PCB, VOC, SVOC, Total RCRA Metals, Flashpoint	1/3/07

TABLE 23-2
DATA RECEIVED DURING JANUARY 2007

BUILDING 78 DRUM SAMPLING
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Date Collected:	Bldg.78-Hut-Comp-6 / 12/12/06
Volatile Organics		
Chlorobenzene		0.94 J
Ethylbenzene		1.6
Toluene		0.18 J
Trichloroethene		0.47 J
Xylenes (total)		2.4
PCBs		
Aroclor-1260		110
Total PCBs		110
Semivolatile Organics		
1,2,4-Trichlorobenzene		22 J
1,3-Dichlorobenzene		11 J
1,4-Dichlorobenzene		67 J
2-Methylnaphthalene		510
Acenaphthylene		22 J
Fluorene		97 J
Naphthalene		130
Phenanthrene		170
Pyrene		36 J
Inorganics		
Barium		7.26 B
Cadmium		0.374 B
Chromium		2.00
Lead		0.716 B
Selenium		3.37
Silver		0.524 B
Conventionals		
Flashpoint (^{o}F)		>200

Notes:

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

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles)

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

Inorganics

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

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

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	January 2007 Removal (liters)
51-08	1/3/2007	11.80	10.90	0.90	0.555	1.259
	1/10/2007	11.80	10.66	1.14	0.703	
51-17	1/23/2007	10.50	9.65	0.85	0.524	0.524
51-21	1/3/2007	15.40	P	< 0.01	4.164	13.061
	1/10/2007	15.10	P	< 0.01	2.271	
	1/16/2007	14.97	P	< 0.01	3.407	
	1/23/2007	15.03	P	< 0.01	1.137	
	1/31/2007	15.30	P	< 0.01	2.08	
59-03R	1/23/2007	11.60	11.00	0.60	0.370	0.370
GMA3-13	1/3/2007	11.54	11.45	0.09	0.056	0.364
	1/10/2007	11.35	11.30	0.05	0.031	
	1/15/2007	11.15	11.10	0.05	0.031	
	1/23/2007	11.09	10.95	0.14	0.086	
	1/30/2007	11.31	11.05	0.26	0.160	

Total Automated LNAPL Removal at well 51-21 for January 2007: 13.061 liters
3.45 Gallons

Total Manual LNAPL Removal at all other wells for January 2007: 1.623 liters
0.43 Gallons

Total LNAPL Removed for January 2007: 14.684 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 23-4
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
51-05	996.44	1/23/2007	10.20	---	0.00	---	11.60	0.00	986.24
51-06	997.36	1/23/2007	10.46	---	0.00	---	14.50	0.00	986.90
51-07	997.08	1/23/2007	10.43	---	0.00	---	11.22	0.00	986.65
51-08	997.08	1/3/2007	11.80	10.90	0.90	---	14.65	0.00	986.12
51-08	997.08	1/10/2007	11.80	10.66	1.14	---	14.66	0.00	986.34
51-08	997.08	1/15/2007	10.80	10.60	0.20	---	14.65	0.00	986.47
51-08	997.08	1/23/2007	10.61	10.55	0.06	---	14.64	0.00	986.53
51-08	997.08	1/30/2007	10.86	10.75	0.11	---	14.65	0.00	986.32
51-09	997.70	1/23/2007	10.72	---	0.00	---	11.58	0.00	986.98
51-11	994.37	1/23/2007	7.81	---	0.00	---	13.48	0.00	986.56
51-12	996.55	1/23/2007	7.38	---	0.00	---	13.29	0.00	989.17
51-13	997.42	1/23/2007	Dry at 9.80 feet	---	0.00	---	9.90	0.00	NA
51-14	996.77	1/23/2007	10.44	---	0.00	---	14.71	0.00	986.33
51-15	996.43	1/23/2007	9.97	9.92	0.05	---	14.40	0.00	986.51
51-16R	996.39	1/23/2007	9.90	9.89	0.01	---	14.55	0.00	986.50
51-17	996.43	1/23/2007	10.50	9.65	0.85	---	14.50	0.00	986.72
51-18	997.12	1/23/2007	10.60	---	0.00	---	12.58	0.00	986.52
51-19	996.43	1/23/2007	10.43	10.40	0.03	---	14.08	0.00	986.03
51-21	1001.49	1/3/2007	15.40	P	< 0.01	---	NM	0.00	986.09
51-21	1001.49	1/10/2007	15.10	P	< 0.01	---	NM	0.00	986.39
51-21	1001.49	1/16/2007	14.97	P	< 0.01	---	NM	0.00	986.52
51-21	1001.49	1/23/2007	15.03	P	< 0.01	---	NM	0.00	986.46
51-21	1001.49	1/31/2007	15.30	P	< 0.01	---	NM	0.00	986.19
59-01	997.52	1/23/2007	10.90	10.88	0.02	---	11.43	0.00	986.64
59-03R	997.64	1/23/2007	11.60	11.00	0.60	---	17.05	0.00	986.60
59-07	997.96	1/23/2007	11.32	11.30	0.02	---	23.54	0.00	986.66
GMA3-7	1000.17	1/23/2007	13.21	---	0.00	---	19.78	0.00	986.96
GMA3-10	997.54	1/3/2007	11.36	11.25	0.11	---	17.93	0.00	986.28
GMA3-10	997.54	1/10/2007	11.24	11.10	0.14	---	17.90	0.00	986.43
GMA3-10	997.54	1/15/2007	11.09	10.92	0.17	---	17.89	0.00	986.61
GMA3-10	997.54	1/23/2007	11.00	10.80	0.20	---	17.88	0.00	986.73
GMA3-10	997.54	1/30/2007	11.06	10.90	0.16	---	17.88	0.00	986.63
GMA3-11	997.25	1/23/2007	10.17	---	0.00	---	18.27	0.00	987.08
GMA3-12	997.84	1/3/2007	11.74	11.60	0.14	---	21.20	0.00	986.23
GMA3-12	997.84	1/10/2007	11.58	11.40	0.18	---	21.25	0.00	986.43
GMA3-12	997.84	1/15/2007	11.47	11.25	0.22	---	21.24	0.00	986.57
GMA3-12	997.84	1/23/2007	11.35	11.16	0.19	---	21.25	0.00	986.67
GMA3-12	997.84	1/30/2007	11.41	11.30	0.11	---	21.22	0.00	986.53
GMA3-13	997.73	1/3/2007	11.54	11.45	0.09	---	17.58	0.00	986.27
GMA3-13	997.73	1/10/2007	11.35	11.30	0.05	---	17.58	0.00	986.43
GMA3-13	997.73	1/15/2007	11.15	11.10	0.05	---	17.54	0.00	986.63
GMA3-13	997.73	1/23/2007	11.09	10.95	0.14	---	17.56	0.00	986.77
GMA3-13	997.73	1/30/2007	11.31	11.05	0.26	---	17.53	0.00	986.66

TABLE 23-4
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA3-14	997.42	1/23/2007	10.47	---	0.00	---	16.74	0.00	986.95
GMA3-15	996.74	1/23/2007	10.94	---	0.00	---	17.19	0.00	985.80
UB-MW-10	995.99	1/23/2007	9.30	---	0.00	---	14.85	0.00	986.69
UB-PZ-3	998.15	1/23/2007	11.86	11.65	0.21	---	13.42	0.00	986.49

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
5. NM indicates information not measured
6. P indicates that LNAPL is present at a thickness that is < 0.01 feet, the corresponding thickness is recorded as such.

ITEM 24
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 3 (GMA 4)
(GECD340)
JANUARY 2007

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

a. Activities Undertaken/Completed

Conducted routine monthly groundwater elevation monitoring at well GMA4-3 and quarterly monitoring of select wells in the northern portion of the GMA.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine monitoring at well GMA4-3.
- Submit Interim Groundwater Quality Report for Fall 2006 (due by February 28, 2007).

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 JANUARY 2007

GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Building 78 Drum Sampling	BLDG78-GMA-4-COMP-2	12/12/06	Water	SGS	PCB, VOC, SVOC, Total RCRA Metals	1/5/07

TABLE 24-2
DATA RECEIVED DURING JANUARY 2007

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

Parameter / Sample ID: / Date Collected:	Bldg78-GMA-4-Comp-2 12/12/06
Volatile Organics	
Tetrachloroethene	0.00049 J
Toluene	0.00084 J
PCBs-Unfiltered	
Aroclor-1254	0.0011
Total PCBs	0.0011
Semivolatile Organics	
None Detected	--
Inorganics-Unfiltered	
Barium	0.0763 B
Cadmium	0.00583 B
Chromium	0.00827 B
Lead	0.0127
Silver	0.00285 B

Notes:

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

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles)

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

Inorganics

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

TABLE 24-3
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 4

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
78-1	1,026.32	1/17/2007	7.95	---	0.00	---	22.40	0.00	1,018.37
78-2	1,033.96	1/17/2007	9.60	---	0.00	---	20.60	0.00	1,024.36
78-6	1,012.00	1/17/2007	6.10	---	0.00	---	17.60	0.00	1,005.90
GMA4-3	1,003.95	1/17/2007	17.40	---	0.00	---	26.25	0.00	986.55
GMA4-4	999.64	1/17/2007	12.02	---	0.00	---	23.16	0.00	987.62
GMA4-6	1,009.12	1/17/2007	7.18	---	0.00	---	12.60	0.00	1,001.94
NY-3	1,005.49	1/17/2007	15.21	---	0.00	---	24.70	0.00	990.28
NY-4	1,024.24	1/17/2007	7.90	---	0.00	---	31.18	0.00	1,016.34
OPCA-MW-1R	NA	1/17/2007	3.48	---	0.00	---	24.58	0.00	NA
OPCA-MW-2	1,019.58	1/17/2007	16.50	---	0.00	---	25.30	0.00	1,003.08
OPCA-MW-3	1,014.83	1/17/2007	19.80	---	0.00	---	27.40	0.00	995.03
OPCA-MW-4	1,018.67	1/17/2007	12.15	---	0.00	---	21.50	0.00	1,006.52
OPCA-MW-5R	1,016.34	1/17/2007	11.25	---	0.00	---	21.60	0.00	1,005.09
OPCA-MW-6	1,022.31	1/17/2007	17.44	---	0.00	---	23.95	0.00	1,004.87
OPCA-MW-7	1,026.57	1/17/2007	18.90	---	0.00	---	23.64	0.00	1,007.67
OPCA-MW-8	1,027.40	1/17/2007	9.80	---	0.00	---	21.78	0.00	1,017.60
SCH-4	1,014.05	1/17/2007	6.58	---	0.00	---	16.28	0.00	1,007.47

Notes:

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

ITEM 25
GROUNDWATER MANAGEMENT AREAS
FORMER OXBOWS A & C (GMA 5)
(GECD350)
JANUARY 2007

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

a. Activities Undertaken/Completed

Repaired monitoring wells found to be damaged during fall 2006 monitoring activities.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Begin preparation of Baseline Assessment Final Report and Long-Term Monitoring Program Proposal. This report is due by March 31, 2007 (i.e., 75 days after January 15, 2007 receipt of final analytical data packages from the laboratories).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ARCADIS BBL

Attachment A

NPDES Sampling Records
and Results
January 2007

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

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
NPDES Sampling	001-A7636	1/9/07	Water	Columbia	TSS	1/17/07
NPDES Sampling	001-A7794	1/1/07	Water	Columbia	Oil & Grease	1/10/07
NPDES Sampling	001-A7796	1/1/07	Water	Accutest	PCB	1/17/07
NPDES Sampling	005-A7764/A7765	12/12/06	Water	Accutest	PCB	1/10/07
NPDES Sampling	005-A7775/A7776	12/19/06	Water	Accutest	PCB	1/10/07
NPDES Sampling	005-A7786/A7787	12/26/06	Water	Accutest	PCB	1/10/07
NPDES Sampling	005-A7813/A7814	1/2/07	Water	Accutest	PCB	1/17/07
NPDES Sampling	005-A7813/A7814	1/2/07	Water	Columbia	TSS, BOD	1/10/07
NPDES Sampling	005-A7834/A7835	1/9/07	Water	Accutest	PCB	1/24/07
NPDES Sampling	005-A7848/A7849	1/16/07	Water	Accutest	PCB	1/31/07
NPDES Sampling	005-A7856/A7857	1/23/07	Water	Accutest	PCB	
NPDES Sampling	005-A7866/A7867	1/30/07	Water	Accutest	PCB	
NPDES Sampling	006-A7809	1/1/07	Water	Columbia	Oil & Grease	1/10/07
NPDES Sampling	006-A7811	1/1/07	Water	Accutest	PCB	1/17/07
NPDES Sampling	01A-A7816	1/6/07	Water	Columbia	Oil & Grease	1/17/07
NPDES Sampling	01A-A7818	1/6/07	Water	Accutest	PCB	1/24/07
NPDES Sampling	05A-A7806	1/1/07	Water	Columbia	Oil & Grease	1/10/07
NPDES Sampling	05A-A7808	1/1/07	Water	Accutest	PCB	1/17/07
NPDES Sampling	05B-A7819	1/6/07	Water	Columbia	Oil & Grease	1/17/07
NPDES Sampling	05B-A7821	1/6/07	Water	Accutest	PCB	1/24/07
NPDES Sampling	06A-A7822	1/6/07	Water	Columbia	Oil & Grease	1/17/07
NPDES Sampling	06A-A7824	1/6/07	Water	Accutest	PCB	1/24/07
NPDES Sampling	09B-A7780	12/24/06	Water	Columbia	TSS	1/4/07
NPDES Sampling	09B-A7793	12/27/06	Water	Columbia	BOD	1/4/07
NPDES Sampling	09B-A7815	1/2/07	Water	Columbia	TSS, BOD	1/10/07
NPDES Sampling	09B-A7836	1/9/07	Water	Columbia	TSS, BOD	1/17/07
NPDES Sampling	09B-A7850	1/16/07	Water	Columbia	TSS, BOD	1/24/07
NPDES Sampling	09B-A7858	1/23/07	Water	Columbia	TSS, BOD	1/31/07
NPDES Sampling	09B-A7868	1/30/07	Water	Columbia	TSS, BOD	
NPDES Sampling	09C-A7778	12/22/06	Water	Columbia	Oil & Grease	1/4/07
NPDES Sampling	09C-A7789	12/26/06	Water	Columbia	Oil & Grease	1/4/07
NPDES Sampling	09C-A7803	1/1/07	Water	Columbia	Oil & Grease	1/10/07
NPDES Sampling	09C-A7805	1/1/07	Water	Accutest	PCB	1/17/07
NPDES Sampling	09C-A7825	1/7/07	Water	Columbia	Oil & Grease	1/17/07
NPDES Sampling	09C-A7837	1/14/07	Water	Columbia	Oil & Grease	1/24/07
NPDES Sampling	09C-A7859	1/26/07	Water	Columbia	Oil & Grease	

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

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
NPDES Sampling	64G-A7783	12/25/06	Water	Columbia	Oil & Grease	1/4/07
NPDES Sampling	64G-A7799	1/1/07	Water	Columbia	Oil & Grease	1/10/07
NPDES Sampling	64G-A7801	1/1/07	Water	Columbia	VOC	1/10/07
NPDES Sampling	64G-A7802	1/1/07	Water	Columbia	SVOC	1/10/07
NPDES Sampling	64G-A7829	1/8/07	Water	Columbia	Oil & Grease	1/17/07
NPDES Sampling	64G-A7846	1/15/07	Water	Columbia	Oil & Grease	1/24/07
NPDES Sampling	64G-A7853	1/22/07	Water	Columbia	Oil & Grease	1/31/07
NPDES Sampling	64G-A7863	1/29/07	Water	Columbia	Oil & Grease	
NPDES Sampling	64T-A7781	12/25/06	Water	Columbia	Oil & Grease	1/4/07
NPDES Sampling	64T-A7797	1/1/07	Water	Columbia	Oil & Grease	1/10/07
NPDES Sampling	64T-A7827	1/8/07	Water	Columbia	Oil & Grease	1/17/07
NPDES Sampling	64T-A7839	1/15/07	Water	Columbia	Oil & Grease	1/24/07
NPDES Sampling	64T-A7851	1/22/07	Water	Columbia	Oil & Grease	1/31/07
NPDES Sampling	64T-A7861	1/29/07	Water	Columbia	Oil & Grease	
NPDES Sampling	A7831C	1/9/07	Water	Aquatec	Acute Toxicity Test	
NPDES Sampling	A7831CCN	1/9/07	Water	Columbia	CN	1/19/07
NPDES Sampling	A7831CDM	1/9/07	Water	Columbia	Filtered Metals (8)	1/19/07
NPDES Sampling	A7831CTM	1/9/07	Water	Columbia	Metals (10)	1/19/07
NPDES Sampling	A7832R	1/9/07	Water	Aquatec	Acute Toxicity Test	
NPDES Sampling	A7832RCN	1/9/07	Water	Columbia	CN	1/19/07
NPDES Sampling	A7832RTM	1/9/07	Water	Columbia	Metals (10)	1/19/07
NPDES Sampling	DEC06WK5	12/26/06	Water	Columbia	Cu, Pb, Zn	1/4/07
NPDES Sampling	FEB07WK1	1/30/07	Water	Columbia	Cu, Pb, Zn	
NPDES Sampling	JAN07WK1	1/2/07	Water	Columbia	Cu, Pb, Zn	1/10/07
NPDES Sampling	JAN07WK3	1/16/07	Water	Columbia	Cu, Pb, Zn	1/24/07
NPDES Sampling	JAN07WK4	1/23/07	Water	Columbia	Cu, Pb, Zn	1/31/07

TABLE A-2
DATA RECEIVED DURING JANUARY 2007

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

Parameter / Sample ID: / Date Collected:	001-A7636 01/09/07	001-A7794 01/01/07	001-A7796 01/01/07	01A-A7816 01/06/07	01A-A7818 01/06/07	005-A7764/A7765 12/12/06	005-A7775/A7776 12/19/06	005-A7786/A7787 12/26/06
Volatile Organics								
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	NA	NA
bis(Chloromethyl)ether	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered								
Aroclor-1254	NA	NA	ND(0.00025)	NA	0.00067	ND(0.000050)	ND(0.000050)	0.00014
Aroclor-1260	NA	NA	0.00019 J	NA	0.00054	ND(0.000050)	ND(0.000050)	0.00011
Total PCBs	NA	NA	0.00019 J	NA	0.00121	ND(0.000050)	ND(0.000050)	0.00025
Semivolatile Organics								
None Detected	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals								
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	9.50	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	ND(5.0)	NA	ND(5.0)	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING JANUARY 2007

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

Parameter / Sample ID: / Date Collected:	005-A7813/A7814 01/02/07	005-A7834/A7835 01/09/07	005-A7848/A7849 01/16/07	05A-A7806 01/01/07	05A-A7808 01/01/07	05B-A7819 01/06/07	05B-A7821 01/06/07	006-A7809 01/01/07
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
bis(Chloromethyl)ether	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered								
Aroclor-1254	0.00028	0.00015	0.00012	NA	0.0011	NA	0.0047	NA
Aroclor-1260	0.00021	0.00016	0.00014	NA	0.0017	NA	0.0068	NA
Total PCBs	0.00049	0.00031	0.00026	NA	0.0028	NA	0.0115	NA
Semivolatile Organics								
None Detected	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals								
Biological Oxygen Demand (5-day)	ND(2.0)	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	1.30	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	ND(5.0)	NA	ND(5.0)	NA	ND(5.0)

TABLE A-2
DATA RECEIVED DURING JANUARY 2007

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

Parameter / Sample ID: / Date Collected:	006-A7811 01/01/07	06A-A7822 01/06/07	06A-A7824 01/06/07	09B-A7780 12/24/06	09B-A7793 12/27/06	09B-A7815 01/02/07	09B-A7836 01/09/07	09B-A7850 01/16/07	09B-A7858 01/23/07
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
bis(Chloromethyl)ether	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered									
Aroclor-1254	0.00017	NA	0.0015	NA	NA	NA	NA	NA	NA
Aroclor-1260	0.00017	NA	0.0013	NA	NA	NA	NA	NA	NA
Total PCBs	0.00034	NA	0.0028	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	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	ND(2.0)	ND(2.0)	ND(2.0)	2.1	ND(2.0)
Total Suspended Solids	NA	NA	NA	2.80	NA	3.50	4.40	7.60	2.80
Oil & Grease	NA	ND(5.0)	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING JANUARY 2007

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

Parameter / Sample ID: / Date Collected:	09C-A7778 12/22/06	09C-A7789 12/26/06	09C-A7803 01/01/07	09C-A7805 01/01/07	09C-A7825 01/07/07	09C-A7837 01/14/07	64G-A7783 12/25/06	64G-A7799 01/01/07	64G-A7801 01/01/07
Volatile Organics									
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	0.00050
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	0.00079
bis(Chloromethyl)ether	NA	NA	NA	NA	NA	NA	NA	NA	Not present
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA	0.00053
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	0.00022
Vinyl Chloride	NA	NA	NA	NA	NA	NA	NA	NA	0.00024
PCBs-Unfiltered									
Aroclor-1254	NA	NA	NA	0.000059	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	ND(0.000050)	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	0.000059	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	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals									
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	ND(5.0)	ND(5.0)	ND(5.0)	NA	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA

TABLE A-2
DATA RECEIVED DURING JANUARY 2007

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

Parameter / Sample ID: / Date Collected:	64G-A7802 01/01/07	64G-A7829 01/08/07	64G-A7846 01/15/07	64G-A7853 01/22/07	64T-A7781 12/25/06	64T-A7797 01/01/07	64T-A7827 01/08/07	64T-A7839 01/15/07	64T-A7851 01/22/07
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
bis(Chloromethyl)ether	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered									
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics									
None Detected	--	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals									
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)

TABLE A-2
DATA RECEIVED DURING JANUARY 2007

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

Parameter / Sample ID: / Date Collected:	A7831CCN 01/09/07	A7831CDM 01/09/07	A7831CTM 01/09/07	A7832RCN 01/09/07	A7832RTM 01/09/07	DEC06WK5 12/26/06	JAN07WK1 01/02/07	JAN07WK3 01/16/07	JAN07WK4 01/23/07
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
bis(Chloromethyl)ether	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered									
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics									
None Detected	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered									
Aluminum	NA	NA	0.296	NA	0.114	NA	NA	NA	NA
Cadmium	NA	NA	ND(0.00500)	NA	ND(0.00500)	NA	NA	NA	NA
Calcium	NA	NA	23.8	NA	9.03	NA	NA	NA	NA
Chromium	NA	NA	ND(0.0100)	NA	ND(0.0100)	NA	NA	NA	NA
Copper	NA	NA	ND(0.0200)	NA	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200)
Cyanide	ND(0.0100)	NA	NA	ND(0.0100)	NA	NA	NA	NA	NA
Lead	NA	NA	0.00700	NA	ND(0.00500)	ND(0.00500)	0.00530	0.00750	ND(0.00500)
Magnesium	NA	NA	9.07	NA	3.55	NA	NA	NA	NA
Nickel	NA	NA	ND(0.0400)	NA	ND(0.0400)	NA	NA	NA	NA
Silver	NA	NA	ND(0.0100)	NA	ND(0.0100)	NA	NA	NA	NA
Zinc	NA	NA	0.0547	NA	ND(0.0200)	0.0257	0.0406	0.0456	ND(0.0200)
Inorganics-Filtered									
Aluminum	NA	ND(0.100)	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	ND(0.00500)	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	ND(0.0100)	NA	NA	NA	NA	NA	NA	NA
Copper	NA	ND(0.0200)	NA	NA	NA	NA	NA	NA	NA
Lead	NA	ND(0.00500)	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	ND(0.0400)	NA	NA	NA	NA	NA	NA	NA
Silver	NA	ND(0.0100)	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	0.0550	NA	NA	NA	NA	NA	NA	NA
Conventionals									
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

1. Samples were collected by General Electric Company, and were submitted to Accutest Laboratories and Columbia Analytical Services, Inc. for analysis of volatiles, PCBs, semivolatiles, cyanide, TSS, BOD, oil & grease, and metals (filtered and unfiltered).
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. With the exception of inorganics and conventional parameters, only those constituents detected in one or more samples are summarized.
5. -- Indicates that all constituents for the parameter group were not detected.
6. Not present - Calibration for the compound bis(Chloromethyl)ether was not performed and reported as a tentively identified compound (TIC).

Data Qualifiers:

Organics

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

ARCADIS BBL

Attachment B

NPDES Discharge
Monitoring Reports
December 2006

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 — PERMIT NUMBER
005 1 — DISCHARGE NUMBER

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

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	12	01	TO	06	12	31

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

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
BOD, 5-DAY (20 DEG. C) 00310 T 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	******	******	******		0	01/30	CP
	PERMIT REQUIREMENT	90 MO AVG	135 DAILY MX	LBS/D	******	******	******	**** ****		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/D	******	******	******	**** ****		ONCE/ MONTH	COMPOS
OIL & GREASE 00556 T 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	0	(19) MG/L	0	01/07	GR
	PERMIT REQUIREMENT	******	135 DAILY MX	LBS/D	******	******	15 DAILY MX	MG/L		WEEKLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS) 39516 T 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.00011	0.0006	(26) LBS/DY	******	******	******		0	01/07	CP
	PERMIT REQUIREMENT	0.01 MO AVG	0.03 DAILY MX	LBS/D	******	******	******	**** ****		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 T 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.157	0.401	(03) MGD	******	******	******		0	99/99	RC
	PERMIT REQUIREMENT	2.09 MO AVG	2.09 DAILY MX	MGD	******	******	******	**** ****		CONTINUOUS	RECORD
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

AREA CODE: 413 — NUMBER: 448-5902

DATE

YEAR: 2007 — MO: 1 — DAY: 24

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 LOCATION: GENERAL ELECTRIC COMPANY
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	MAJOR (SUBR W) F - FINAL
PERMIT NUMBER	DISCHARGE NUMBER	WASTEWATER TREATMENT (005)

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	12	01	TO	06	12	31

*** NO DISCHARGE [ ] ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH (00400) 1 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		7.0	******	8.0	(12) SU	0	99/99	RCDR
	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	GRAB
DIBENZOFURAN 81302 1 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******	NODI [6]	NODI [6]	(52) PCT			
	PERMIT REQUIREMENT	******	******	**** ****	******	***** REPORT MO AVG	REPORT DAILY MX			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.

M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2007	1	24
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
500 WOODLAWN AVENUE
PITTSFIELD MA 01201

FACILITY LOCATION GENERAL ELECTRIC COMPANY
PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EH&S

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

Form Approved.
OMB No. 2040-0004

MA0003891	064 G	MAJOR
PERMIT NUMBER	DISCHARGE NUMBER	(SUBR W)
		F - FINAL
		GROUNDWATER TREATMENT (OU5)

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	12	01	TO	06	12	31

*** NO DISCHARGE [ ] ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH 00400 1 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		7.5	******	7.6	12 SU	0	99/99	RCDR
	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKL	GRAB
BASE NEUTRALS & ACID (METHOD 625), TOTAL 78030 T 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******	0	0	14 MG/L	0	01/90	GR
	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
VOLATILE COMPOUNDS, (GC/MS) 78735 T 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******	0.0057	0.0057	19 MG/L	0	01/90	GR
	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.

M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	448-5902	2007	1	24

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

SEE COMMENTS FOR OOS1. 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 LOCATION: GENERAL ELECTRIC COMPANY
PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

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

Form Approved.
OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	007 1

MAJOR
(SUBM)
F -- FINAL
DISCHARGE TO HOUSATONIC RIVER

*** NO DISCHARGE [X] ***

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	12	01	TO	06	12	31

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
TEMPERATURE, WATER DEG FAHRENHEIT 00011 4 1 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******			15			
	PERMIT REQUIREMENT	******	******	*** ****	******	70 MO AVG	78 DAILY MX	DEG. F		ONCE/ MONTH	GRAB
PH 00400 4 1 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******			******		13			
	PERMIT REQUIREMENT	******	******	*** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS) 39516 4 1 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******			21			
	PERMIT REQUIREMENT	******	******	*** ****	******	REPORT MO AVG	REPORT DAILY MX	PPB		3TRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 4 1 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT			(03)	******	******	******				
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		ONCE/ MONTH	CALCT
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2007	1	24
AREA CODE	NUMBER	YEAR	MO	DAY

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

SAMPLE AT MANHOLE PRIOR TO CITY STORM DRAIN

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

NAME: GENERAL ELECTRIC CORPORATION

ADDRESS: ATTN JEFFREY D. RUEBESAM
159 PLAINFIELD AVENUE
PITTSFIELD MA 01201

FACILITY LOCATION: GENERAL ELECTRIC COMPANY
PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

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

MA0003891	009 A
PERMIT NUMBER	DISCHARGE NUMBER

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

*** NO DISCHARGE [X] ***

NOTE: Read Instructions before completing this form.

Form Approved.
OMB No. 2040-0004

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	12	01	TO	06	12	31

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
BOD, 5-DAY (20 DEG C) 00310 W 0 6 SEE COMMENTS BELOW	SAMPLE MEASUREMENT			(26)	******	******	******				
	PERMIT REQUIREMENT	4105 MO AVG	438 DAILY MX	LBS/D	******	******	******	**** ****		WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 W 0 6 SEE COMMENTS BELOW	SAMPLE MEASUREMENT			(26)	******	******	******				
	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	LBS/D	******	******	******	**** ****		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 W 0 3 SEE COMMENTS BELOW	SAMPLE MEASUREMENT			(03)	******	******	******				
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		CONTIN UOUS	RECORD
	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

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M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

AREA CODE	NUMBER
413	448-5902

DATE

YEAR	MO	DAY
2007	1	24

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 D. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY LOCATION: GENERAL ELECTRIC COMPANY
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	MAJOR
PERMIT NUMBER	DISCHARGE NUMBER	(SUBR W)
		F - FINAL

009B SAMPLE POINT PRIOR TO 009

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	12	01	TO	06	12	31

*** NO DISCHARGE [ ] ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG. C) 00310 1 C 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	******	******	******		0	01/07	CP
	PERMIT REQUIREMENT	105 MO AVG	438 DAILY MX	LBS/DY	******	******	******	******		WEEKLY	CONFOR
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.02	0.04	(26) LBS/DY	******	******	******		0	01/07	CP
	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	LBS/DY	******	******	******	******		WEEKLY	CONFOR
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.015	0.179	(03) MGD	******	******	******		0	99/99	RC
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	******		CONTINUOUS	CONTIN
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	448-5902	2007	1	24

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

SEE PART V OF PERMIT. SEE DMF 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 LOCATION GENERAL ELECTRIC COMPANY
PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

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

MA0003891 — PERMIT NUMBER
009 1 — DISCHARGE NUMBER

MONITORING PERIOD
FROM: YEAR 06 MO 12 DAY 01 TO: YEAR 06 MO 12 DAY 31

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

*** NO DISCHARGE [ ] ***

Form Approved.
OMB No. 2040-0004

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
BOD 5-DAY (20 DEG. C) 00310 V 1 0	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	******	******	******		0	01/07	CP
SEE COMMENTS BELOW	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
PH 00400 V 0 0	SAMPLE MEASUREMENT	******	******		7.1	******	7.4	(12) SU	0	01/07	GR
SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANGE
SOLIDS, TOTAL SUSPENDED 00530 V 0 0	SAMPLE MEASUREMENT	0.02	0.04	(26) LBS/DY	******	******	******		0	01/07	CP
SEE COMMENTS BELOW	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
OIL & GREASE 00556 V 0 0	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	0	(19) MG/L	0	01/07	GR
SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	438 DAILY MX	LBS/DY	******	******	15 DAILY MX	MG/L		WEEKLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS) 39516 V 0 0	SAMPLE MEASUREMENT	******	******		******	0	0	(19) MG/L	0	01/90	GR
SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 V 0 0	SAMPLE MEASUREMENT	0.015	0.179	(03) MGD	******	******	******		0	99/99	RC
SEE COMMENTS BELOW	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		CONTINUOUS	RECORD
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2007	1	24
AREA CODE	NUMBER	YEAR	MO	DAY

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

SEE PAGE 4 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

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

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

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

MA0003891 — PERMIT NUMBER
SUM A — DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	12	01	TO	08	12	31

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

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

Form Approved.
OMB No. 2040-0004

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
PHOSPHORUS, TOTAL (AS P) 00665 1 0 C EFFLUENT GROSS VALU	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	01/30	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
NICKEL TOTAL RECOVERABLE 01074 1 0 0 EFFLUENT GROSS VALU	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	01/30	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
SILVER TOTAL RECOVERABLE 01079 1 0 0 EFFLUENT GROSS VALU	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	01/30	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
ZINC TOTAL RECOVERABLE 01094 1 0 0 EFFLUENT GROSS VALU	SAMPLE MEASUREMENT	******	0.1	(26) LBS/DY	******	******	******		0	01/07	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALU	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	01/30	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
CADMIUM TOTAL RECOVERABLE 01113 1 0 0 EFFLUENT GROSS VALU	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	01/30	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
LEAD TOTAL RECOVERABLE 01114 1 0 0 EFFLUENT GROSS VALU	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	01/07	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

AREA CODE	NUMBER
413	448-5902

DATE

YEAR	MO	DAY
2007	1	24

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 LOCATION: GENERAL ELECTRIC COMPANY
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	06	12	01	TO	06	12	31

*** NO DISCHARGE [ ] ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
CHROMIUM TOTAL RECOVERABLE 01119 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	(26) LBS/DY	******	******	******		0	01/30	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
CYANIDE, TOTAL RECOVERABLE 78248 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.08 MC	(26) LBS/DY	******	******	******		0	01/30	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	GRAB
	SAMPLE MEASUREMENT		~~0.1~~ MC	LBS/DY					~~0~~ MC	~~01/07~~ MC	~~CP~~ MC
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT		~~0~~ MC	LBS/DY					~~0~~ MC	~~01/30~~ MC	~~CP~~ MC
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT		~~0~~ MC	LBS/DY					~~0~~ MC	~~01/30~~ MC	~~CP~~ MC
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT		~~0~~ MC	LBS/DY					~~0~~ MC	~~01/07~~ MC	~~CP~~ MC
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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W. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	448-5902	2007	1	24

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
105 WOODLAWN AVENUE
PITTSFIELD MA 01201

FACILITY LOCATION: GENERAL ELECTRIC COMPANY
PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

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

Form Approved.
OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	SUM B

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

	MONITORING PERIOD						
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	12	01	TO	06	12	31

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

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2007	1	24
AREA CODE	NUMBER	YEAR	MO	DAY

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

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

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

NAME GENERAL ELECTRIC CORPORATION

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

FACILITY LOCATION GENERAL ELECTRIC COMPANY
PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

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

Form Approved.
OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	005 A

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	10	01	TO	06	12	31

*** NO DISCHARGE ( ) ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH	SAMPLE MEASUREMENT	******	******		7.9	******	7.9	(12) SU	0	01/90	GR
00400 S C O SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG
PH	SAMPLE MEASUREMENT	******	******		NODI C	******	NODI C	(12)			
00400 U C O SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	5.3	(20) PPM	0	01/90	GR
00556 S C O SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	NODI C	(20)			
00556 U C O SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	0.5	(21) PPB	0	01/90	GR
39516 S C O SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	NODI C	(21)			
39516 U C O SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.07	(03) MGD	******	******	******		0	01/90	ES
50050 S C O SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	**** ****		QTRLY	ESTIM

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.

W. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	448-5902	2007	1	24

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

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

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

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

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

Form Approved.
OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	005 A

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

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	10	01	TO	06	12	31

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

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

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M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2007	1	24
AREA CODE	NUMBER	YEAR	MO	DAY

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

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

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

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	005 B
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	10	01	TO	06	12	31

*** NO DISCHARGE [ ] ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH	SAMPLE MEASUREMENT	******	******		6.9	******	6.9	(12) SU	0	01/90	GR
00400 S C O	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-G
SEE COMMENTS BELOW											
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	5.0	(20) PPM	0	01/90	GR
00556 S C O	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
SEE COMMENTS BELOW											
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	4.3	(21) PPB	0	01/90	GR
39516 S C O	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
SEE COMMENTS BELOW											
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.144	(03) MGD	******	******	******		0	01/90	ES
50050 S C O	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	**** ****		QTRLY	ESTIMA
SEE COMMENTS BELOW											
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2007	1	24
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: SLYERS ELECTRIC CORPORATION

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

FACILITY LOCATION: GENERAL ELECTRIC COMPANY
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

*** NO DISCHARGE [ ] ***

NOTE: Read Instructions before completing this form.

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	10	01	TO	06	12	31

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		6.9	******	6.9	(12) SU	0	01/90	GR
00400 1 0 0	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG
SEE COMMENTS BELOW											
PH	SAMPLE MEASUREMENT	******	******		NODI [C]	******	NODI [C]	(12)			
00400 1 0 0	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG
SEE COMMENTS BELOW											
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	5.2	(20) PPM	0	01/90	GR
00556 1 0 0	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
SEE COMMENTS BELOW											
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	NODI [C]	(20)			
00556 1 0 0	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
SEE COMMENTS BELOW											
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	0.7	(24) PPB	0	01/90	GR
39516 1 0 0	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
SEE COMMENTS BELOW											
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	NODI [C]	(21)			
39516 1 0 0	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
SEE COMMENTS BELOW											
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.024	(03) MGD	******	******	******	****	0	01/90	ES
50050 1 0 0	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	****		QTRLY	ESTIM
SEE COMMENTS BELOW											

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

AREA CODE: 413 | NUMBER: 448-5902

DATE

YEAR	MO	DAY
2007	1	24

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 WIT
MONITORING LOCATION OF '8'. SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATIO
OF '8'. 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)*

MA0003891 — PERMIT NUMBER
006 1 — DISCHARGE NUMBER

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

Form Approved.
OMB No. 2040-0004

MONITORING PERIOD: FROM YEAR 06 MO 10 DAY 01 TO YEAR 06 MO 12 DAY 31

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

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

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

TELEPHONE		DATE		
413	448-5902	2007	1	24
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 '5'. SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF '1'. IF NO DISCHARGE USE '9'.

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

NAME: GENERAL ELECTRIC CORPORATION
ADDRESS: ATTN JEFFREY S. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY LOCATION: GENERAL ELECTRIC COMPANY
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	06	10	01	TO	06	12	31

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

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH 00400 1 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		6.8	******	6.8	(12) SU	0	01/90	GR
	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	8.0 MAXIMUM	SU		QTRLY	RANG
OIL & GREASE 00556 1 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******	******	5.1	(19) PPM	0	01/90	GR
	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS) 39516 1 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******	******	0.6	(21) PPB	0	01/90	GR
	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	0.216	(03) MGD	******	******	******	****	0	01/90	ES
	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	****		QTRLY	ESTIM
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2007	1	24
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 LOCATION: GENERAL ELECTRIC COMPANY
PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

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

Form Approved.
OMB No. 2040-0004

MA0003891	009 D
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	10	01	TO	06	12	31

*** NO DISCHARGE ( ) ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH 00400 S C C SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		NODI [E]	******	NODI [E]	(12)			
	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	GRAB
OIL & GREASE 00556 S C C SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(22)			
	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	MGM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS) 39516 S C C SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(21)			
	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	NGL		QTRLY	GRAB
FLOW IN CONDUIT OR THRU TREATMENT PLANT 50050 S C C SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	NODI [E]	(03)	******	******	******	****			
	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	****		QTRLY	ESTIM
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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W. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

AREA CODE	NUMBER
413	448-5902

DATE

YEAR	MO	DAY
2007	1	24

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

QUARTERLY SAMPLE AT POINT OF DISCHARGE.

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

NAME: GENERAL ELECTRIC CORPORATION
ADDRESS: ATTN: JEFFREY G. RUEBESAM
1/0 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

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

Form Approved.
OMB No. 2040-0004

MA0003891	SRO 1
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	10	01	TO	06	12	31

*** NO DISCHARGE ( ) ***

NOTE: Read Instructions before completing this form.

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.
TYPED OR PRINTED

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

TELEPHONE

AREA CODE	NUMBER
413	448-5902

DATE

YEAR	MO	DAY
2007	1	24

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 2
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	10	01	TO	06	12	31

*** NO DISCHARGE [ ] ***

NOTE: Read Instructions before completing this form.

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	448-5902	2007	1	24

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

SAMPLE AT POINT OF DISCHARGE.

EPA Form 3320-1 (7-92)

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

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

Form Approved.
OMB No. 2040-0004

MA0003891	SRO 3
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	10	01	TO	06	12	31

*** NO DISCHARGE ( ) ***

NOTE: Read Instructions before completing this form.

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	M. T. Carroll	413 448-5902	2007	1	24
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE NUMBER	YEAR	MO	DAY

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

SAMPLE AT 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	06	10	01	TO	06	12	31

*** NO DISCHARGE [ ] ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	MAXIMUM	UNITS	QUALITY OR CONCENTRATION MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH 00400 5 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		NODI C	******	NODI C	(12)			
	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-C
OIL & GREASE 00556 5 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******	******	NODI C	(20)			
	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS) 39516 5 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******	******	NODI C	(21)			
	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
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	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	**** ****		QTRLY	ESTIMA
	SAMPLE MEASUREMENT										
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	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2007	1	24
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 LOCATION: GENERAL ELECTRIC COMPANY
PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

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

Form Approved.
OMB No. 2040-0004

MA0003891 — PERMIT NUMBER
SR0 5 — DISCHARGE NUMBER

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

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	10	01	TO	06	12	31

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

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

AREA CODE: 413
NUMBER: 448-5902

DATE

YEAR: 2007
MO: 1
DAY: 24

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

SAMPLE AT POINT OF DISCHARGE.

ARCADIS BBL

Attachment C

NPDES Biomonitoring Report
January 2007

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

Columbia Analytical Services INC.
An Employee - Owned Company

February 5, 2007

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

Re: NPDES Biomonitoring Report for January 2007
Submission #: R2735405

Dear Mr. Nicholson:

Enclosed is our report on the Acute Whole Effluent Toxicity testing conducted in January 2007. The Outfall Composite samples were collected on 1/8/07 at 10:55 am. The Housatonic River samples were collected on 1/8/07 at 8:40 am. The Outfall Composite and Housatonic River samples were analyzed at Columbia Analytical Services for total cyanide, ammonia, total organic carbon, total phosphorus, chloride, total solids, total suspended solids, total residual chlorine, and total metals. Dissolved metals were analyzed for only on the Outfall Composite samples. Results are presented in Appendix 2. The Outfall Composite and Housatonic River samples were sent directly by General Electric to Aquatec Biological Services for the acute aquatic toxicity testing including the analysis of alkalinity, hardness, specific conductance, and pH. Results are presented in Appendix 1.

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

Thank you for allowing us to provide this service.

Sincerely,

COLUMBIA ANALYTICAL SERVICES

Carlton Beechler
Project Manager

enc.

CC: Jill Piskorz, Pat Foos and Yelena Geyfman vial email.

NPDES BIOMONITORING REPORT

GENERAL ELECTRIC COMPANY
Pittsfield, MA
NPDES PERMIT MA 0003891

Monthly Acute Toxicity Monitoring
Wet Weather Conditions
January 2007

WHOLE EFFLUENT TOXICITY TEST REPORT CERTIFICATION

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

Executed on _____ _____
(Date) (Authorized Signature)

Michael T. Carroll

General Electric Co. – Pittsfield, MA
Permit MA0003891

Prepared by: Carlton R. Beechler
February 5, 2007

TABLE OF CONTENTS

I. Summary

On January 8-9, 2007 sampling of wastewater discharges from the General Electric Company facility in Pittsfield MA was conducted in accordance with the wet weather toxicity testing requirement of the GE NPDES Permit MA0003891. Composite samples were collected from GE outfalls 001, 005-64T, 005-64G and 09B over a 24-hour period. These composite samples were combined in a flow-proportioned manner to generate a single wastewater sample that was shipped to Aquatec Biological Sciences in Williston, Vermont. A grab sample of Housatonic River water, to be used as dilution water in the toxicity test, was collected upstream of the GE discharges on January 9, 2007 and shipped to AquaTec along with the wastewater composite. AquaTec dechlorinated the composite sample prior to the acute toxicity test following the toxicity reduction procedures summarized in a letter dated November 11, 1993 to EPA Region I from JG Ruebesam of General Electric Company. The composite wastewater sample and the dilution water sample were tested for chemical constituents by O'Brien & Gere, Inc. and Columbia Analytical Services. The analytical results are summarized in Table I and the detailed laboratory test data are include as Appendices to this report. As a result of land transfer documents executed on April 27, 2005 and recorded in the Berkshire County Registry of Deeds on May 2, 2005, Outfalls 001 and 004 were transferred to the Pittsfield Economic Development Authority (PEDA). Outfalls 001 and 004 DMRs will no longer be submitted under the GE NPDES Permit No. MA0003891. However, GE's NPDES Permit requires that the metal and toxicity composites to be made by compositing samples from the following outfalls: 001, 004, 005, 007, and 009. These two composites will continue to include an aliquot of water from outfall 001 and outfall 004, and will be reported on GE's DMR until further actions by the Agencies.

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

II. Review of Toxicity Test Results

The wastewater discharge sample collected on January 8-9, 2007 was tested for 48-hour acute toxicity using *Daphnia pulex* organisms. The sample did not require dechlorination with sodium thiosulfate ($Na_2S_2O_3$) prior to toxicity testing. Aquatec Biological Sciences reported the results of this toxicity testing as follows:

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

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

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

Control Analysis	Result
Survival in 100% dilution water	96%
Survival in laboratory water	98%
Survival in laboratory water with 100 mg/L sodium thiosulfate	98%
LC_{50} for Daphnia pulex in sodium chloride reference toxicant solution	2.196g NaCl/L January 10, 2007

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

III. Review of Wastewater Sampling Procedures

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

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

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

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

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

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

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

IV. Review of Individual NPDES Discharges

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

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

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

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

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

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

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

Table I – Summary of Analytical results for

NPDES Outfall Composite Sample and Housatonic River Dilution Water
January 8-9, 2007

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

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

Parameter Tested	Laboratory	Effluent Composite	Housatonic River
Ammonia	CAS	0.102	ND (0.0500)
Chloride	CAS	42.9	7.52
Total Alkalinity	CAS	88.0	31.9
Total Organic Carbon	CAS	3.81	4.40
Total Phosphorus	CAS	ND (0.0500)	ND (0.0500)
Total Solids	CAS	185	70.0
Total Suspended Solids	CAS	7.20	1.40
Hardness	Aquatec	96	38
Spec. Conductance (umhos)	Aquatec	406	108
pH (SU)	Aquatec	7.6	7.2
TRC (start of toxicity test)	Aquatec	ND	ND
Cyanide	CAS	ND (0.0100)	ND (0.0100)
Aluminum, total	CAS	0.296	0.114
Aluminum, dissolved	CAS	ND (0.100)	NA
Cadmium, total	CAS	ND (0.00500)	ND (0.00500)
Cadmium, dissolved	CAS	ND (0.00500)	NA
Chromium, total	CAS	ND (0.0100)	ND (0.0100)
Chromium, dissolved	CAS	ND (0.0100)	NA
Copper, total	CAS	ND (0.0200)	ND (0.0200)
Copper, dissolved	CAS	ND (0.0200)	NA
Lead, total	CAS	0.00700	ND (0.00500)
Lead, dissolved	CAS	ND (0.00500)	NA
Nickel, total	CAS	ND (0.0400)	ND (0.0400)
Nickel, dissolved	CAS	ND (0.0400)	NA
Silver, total	CAS	ND (0.0100)	ND (0.0100)
Silver, dissolved	CAS	ND (0.0100)	NA
Zinc, total	CAS	0.0547	ND (0.0200)
Zinc, dissolved	CAS	0.0550	NA
pH (SU)	OB&G	7.57	7.15
Hardness	Aquatec	96	38

All results are mg/L unless otherwise indicated.

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

NA – Not analyzed

TRC – Total Residual Chlorine

APPENDIX 1

Chemical and Acute Toxicity Data

Aquatec Biological Sciences

Aquatec Biological Sciences

Ecology | Environmental Toxicology | Natural Resource Assessments | Microbiology

January 31, 2007

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

Dear Mr. Beechler:

Enclosed please find one bound and one unbound copies of our report of the results for whole effluent toxicity testing of samples received from GE Pittsfield, Massachusetts on January 9, 2007.

According to the Chain-of-Custody documentation the samples for Whole Effluent Toxicity (WET) Testing were collected on January 9, 2007. The samples were transported to Aquatec Biological Sciences, Inc. by courier and delivered on the same day. The effluent sample (Sample 34151) was logged in for the acute 48-hour static toxicity test with *Daphnia pulex*. The receiving water sample (Sample 34152) was logged in for dilution water. A subsample of each sample was checked for residual chlorine (not detected) and for alkalinity and hardness measurements at Aquatec Biological Sciences, Inc. The toxicity test was started on January 10, 2007, within the specified holding time.

At the conclusion of the toxicity test on January 12, 2007, a final count of surviving organisms was completed. The average survival was 96 - 100 percent in all test concentrations. Acute toxicity to *Daphnia pulex* was not detected, and the 48-hour LC50 reported as >100% effluent (Section 4.1 of the report).

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

Sincerely,

John Williams
Manager, Environmental Toxicology

This report consists of the following numbered pages: 1 - 35

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

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

Samples Collected in January 2007

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

SDG number: 10103
Effluent ID: Outfall Composite A7831C Aquatec sample number: 34151
Receiving water ID: Housatonic River A7832R Aquatec sample number: 34152

Study Director: John Williams

January 24, 2007

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

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

Signatures and Approval

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

Study Director
John Williams

1/31/07
Date

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

1/31/07
Date

Whole Effluent Toxicity Test Report Certification

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

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

Executed on: Date: 1/31/07

Authorized signature

John Williams
Name

Manager, Environmental Toxicology
Title

Aquatec Biological Sciences, Inc.
Laboratory

Table of Contents

List of Tables

Summary of Static Acute Toxicity Test with *Daphnia pulex*

Sponsor:	General Electric
Protocol title:	US EPA-821-R-02-012. *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms*, 5th Ed., December 2002. Method 2021.0
Aquatec SDG:	10103
Test material:	Composite effluent from the General Electric Company located in Pittsfield, Massachusetts
GE sample ID:	OUTFALL COMPOSITE A7831C
Dilution water:	Water from the Housatonic River (grab sample)
GE sample ID:	HOUSATONIC RIVER A7832R
Dates collected:	January 9, 2007
Date received:	January 9, 2007
Test dates:	January 10-12, 2007
Test concentrations:	100%, 75%, 50%, 35%, 15%, 5% effluent. Dilution water control (Housatonic River A7832R) Laboratory control 1 (culture water) Laboratory control 2 (culture water with sodium thiosulfate)
Results:	The 48-hour LC50 value was determined to be >100% effluent. The Acute No-Observed-Effect-Concentration (A-NOEC) was 100% effluent.

1.0 Introduction

1.1 Background

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

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

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

1.2 Objective of the General Electric Study

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

A toxicity test was conducted from January 10-12, 2007 at Aquatec Biological Sciences, Inc. (Aquatec) located in Williston Vermont. Aquatec Biological Sciences, Inc. holds NELAC accreditation for the requested whole effluent toxicity test. All original raw data and the final report produced for this study are stored in Aquatec's archives in Williston, Vermont.

2.0 Materials and Methods

2.1 Protocol

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

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

Additional SOPs used in this study are outlined below:

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

2.2 Effluent and Receiving Water Samples

The effluent sample (Outfall Composite A7831C) was collected by GE personnel from January 8-9, 2007. The receiving water sample (Housatonic River A7832R) was a grab collected from the Housatonic River on January 9, 2007. Samples were delivered to Aquatec on the same day. Upon receipt at Aquatec on January 9, 2007, the temperature of the temperature blank contained within the cooler was 5.0°C. The effluent and receiving water were prepared for testing and characterized (Table 1). The receiving water was the dilution water for preparing effluent concentrations and was also the reference control for statistical comparisons.

2.3 Control water

Laboratory control water for the toxicity test was a 1:1 mixture of laboratory reconstituted moderately hard water and 60-micron filtered river water collected from the Lamoille River, Vermont. This water was characterized for the following parameters: pH (7.4); dissolved oxygen (8.1 mg/L); conductivity (208 uS/cm). An additional dechlorination control (laboratory water with 0.2 N sodium thiosulfate added) was included in the test array, even though chlorine was not detected in the effluent sample.

2.4 Test Organism

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

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

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

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

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

2.5 Test Procedures

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

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

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

2.6 Test Monitoring

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

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

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

2.7 Reference Toxicant Test

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

3.0 Statistics

3.1 Statistical protocol

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

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

4.0 Results

4.1 Effluent Toxicity Test

Results of effluent and receiving water characterizations performed at Aquatec as part of the toxicity test are presented in Table 1. Water quality parameters measured during the toxicity test are presented in Table 2. Measured temperatures during the test were within the range of 20°C to 21°C. The percent mortality data for the toxicity test are presented in Table 3. Acute toxicity was not

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

4.2 Reference Toxicant Test

A standard reference toxicant (SRT) test was performed concurrently with the effluent toxicity test, using the same batch of daphnid neonates. The resulting 48-hour LC50, calculated by the Spearman-Karber method, was 2.196 g NaCl/L with 95% confidence intervals of 2.05-2.35 g/L. This LC50 value was within the Control Chart limits generated for tests in our laboratory.

5.0 Qualifiers

5.1 Qualifiers and Special Conditions

To the best of our knowledge, qualifiers or special conditions were not applicable to the reported toxicity test.

References

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

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

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

Parameter	Effluent OUTFALL COMPOSITE A7831C	Housatonic River A7832R HOUSATONIC RIVER A7832R
Temperature	20.2	20.2
pH	7.6	7.2
Alkalinity (as $CaCO_3$), mg/L	88	32
Hardness (as $CaCO_3$), mg/L	96	38
Dissolved oxygen, mg/L	8.5	8.5
Specific conductivity, uS/cm	406	108
Salinity ($^o/_{oo}$)	0	0
Total residual chlorine (mg/L)	ND	ND

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

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

Test Concentration (% effluent)	pH			Dissolved Oxygen (mg/L)			Temperature (°C)		
	0	24	48	0	24	48	0	24	48
Dechl. Control	7.4	-	7.3	8.2	-	8.4	20.1	20.3	20.4
Lab Control	7.4	-	7.3	8.1	-	8.3	20.3	20.5	20.4
Dilution Control	7.2	-	7.1	8.5	-	8.5	20.2	20.2	20.3
5%	7.2	-	7.0	8.5	-	8.4	20.3	20.2	20.3
15%	7.2	-	7.1	8.5	-	8.4	20.3	20.2	20.4
35%	7.3	-	7.2	8.5	-	8.4	20.4	20.3	20.5
50%	7.4	-	7.3	8.5	-	8.3	20.4	20.4	20.5
75%	7.5	-	7.5	8.5	-	8.4	20.3	20.3	20.7
100%	7.6	-	7.7	8.5	-	8.4	20.2	20.3	20.6

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

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

Table 3. Cumulative percent mortalities recorded during the 48-hour static acute toxicity test with *Daphnia pulex* exposed to General Electric Pittsfield Plant effluent, January 10-12, 2007.

Effluent Conc. (%)	24-hour						48-hour					
	A	B	C	D	E	Avg	A	B	C	D	E	Avg
Dechl. Control	0	0	0	0	0	0	0	0	20	0	0	4
Lab Control	0	0	0	0	0	0	0	0	0	20	0	4
Rec. Control	0	0	0	0	20	4	0	0	0	0	20	4
5%	0	0	0	0	0	0	0	0	0	0	0	0
15%	0	0	0	0	0	0	0	0	0	0	20	4
35%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
75%	0	20	0	0	0	4	0	20	0	0	0	4
100%	0	0	0	0	0	0	0	0	0	0	0	0

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

Percent mortality = (# dead/5) X 100

Appendix 1
Chain-of-Custody Documentation

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Aquatec Biological Sciences

Chain-of-Custody Record

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

COMPANY INFORMATION	COMPANY'S PROJECT INFORMATION	SHIPPING INFORMATION
Name: General Electric Company	Project Name: GE PITTSFIELD	Carrier:
Address: O'Brien & Gere	**Outfall Composite**	
1000 East Street, Gate 64	Project Number: 06004	Airbill Number:
City/State/Zip: Pittsfield, MA 01201	Sampler Name(s): SEAN COYLE	
Telephone: (413) 494-6709	NPDES Permit #: MA0003891	Date Shipped: 1-9-07
Facsimile: Sean Coyle		
Contact Name: ~~Mark Wasnewsky~~	Quote #: 10/05 Client Code: GEPITTS	Hand Delivered: ☒ Yes ☐ No

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

SAMPLE IDENTIFICATION	COLLECTION DATE	COLLECTION TIME	GRAB	COMPOSITE	MATRIX	ANALYSIS (detection limits, mg/L)	NUMBER OF CONTAINERS
Outfall Composite A7831C	1-9-07	10:55 AM		X	Effluent	*Daphnia pulex* 48-h Static Acute Toxicity (EPA Method 2021.0). Log in for A48DPS	1
Outfall Composite A7831C	1-9-07	10:55 AM		X	Effluent	Total Residual Chlorine	1
Housatonic River A7832R	1-9-07	9:20 AM	X		Receiving	Dilution Water	1
Housatonic River A7832R	1-9-07	9:40 AM	X		Receiving	Total Residual Chlorine	1

Relinquished by: *(signature)*	DATE	TIME	Received by: *(signature)*
	1-9-06	13:10	
Relinquished by: *(signature)*	DATE	TIME	Received by: *(signature)*
	1-9-06	17:15	
Relinquished by: *(signature)*	DATE	TIME	Received by: *(signature)*

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

Notes to Lab: Ambient cooler temperature: 5 °C. Dechlorinate the effluent sample if chlorine is detected.

Appendix 2
Summary of Test Conditions

Client: GENERAL ELECTRIC, PITTSFIELD, MA, MA0003891 **SDG: 10103**

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

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

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

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

TOXICITY TEST SUMMARY SHEET

Facility Name: Outfall Composite A7831C Test Start Date: 1/10/07

NPDES Permit Number: MA0003891 Pipe Number: 001

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

Dilution Water: Housatonic River

Receiving Water: Housatonic River

Effllluent Sampling Dates: January 9, 2007

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

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

With Sea Salts? NA Hypersaline Brine Solution? NA

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

Reference Toxicant Date: 1/10/07

PERMIT LIMITS AND TEST RESULTS

Test Acceptability Criteria: Mean Control Survival: 96 (%)

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

NA: Not Applicable

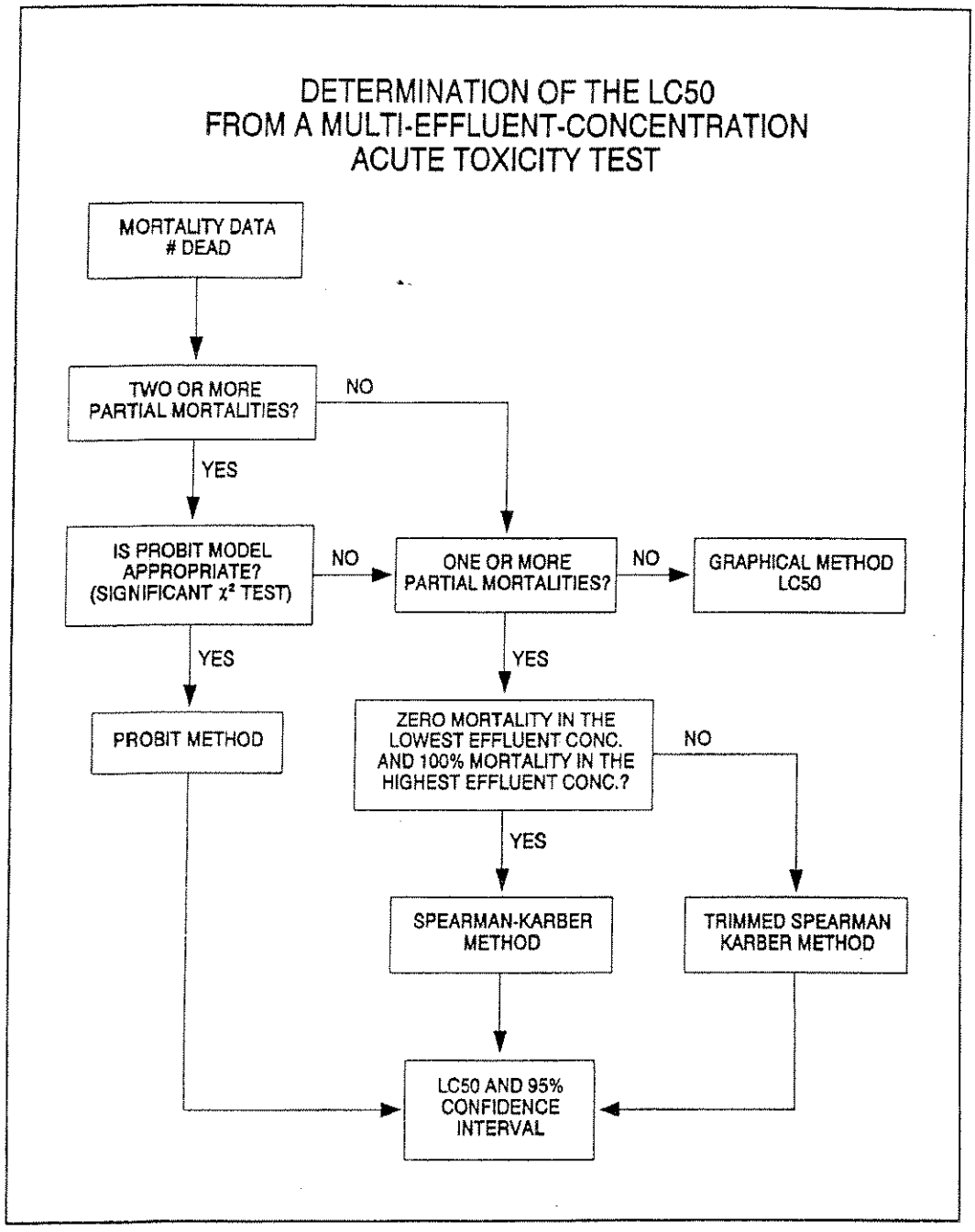


Figure 6. Flowchart for determination of the LC50 for multi-effluent-concentration acute toxicity tests.

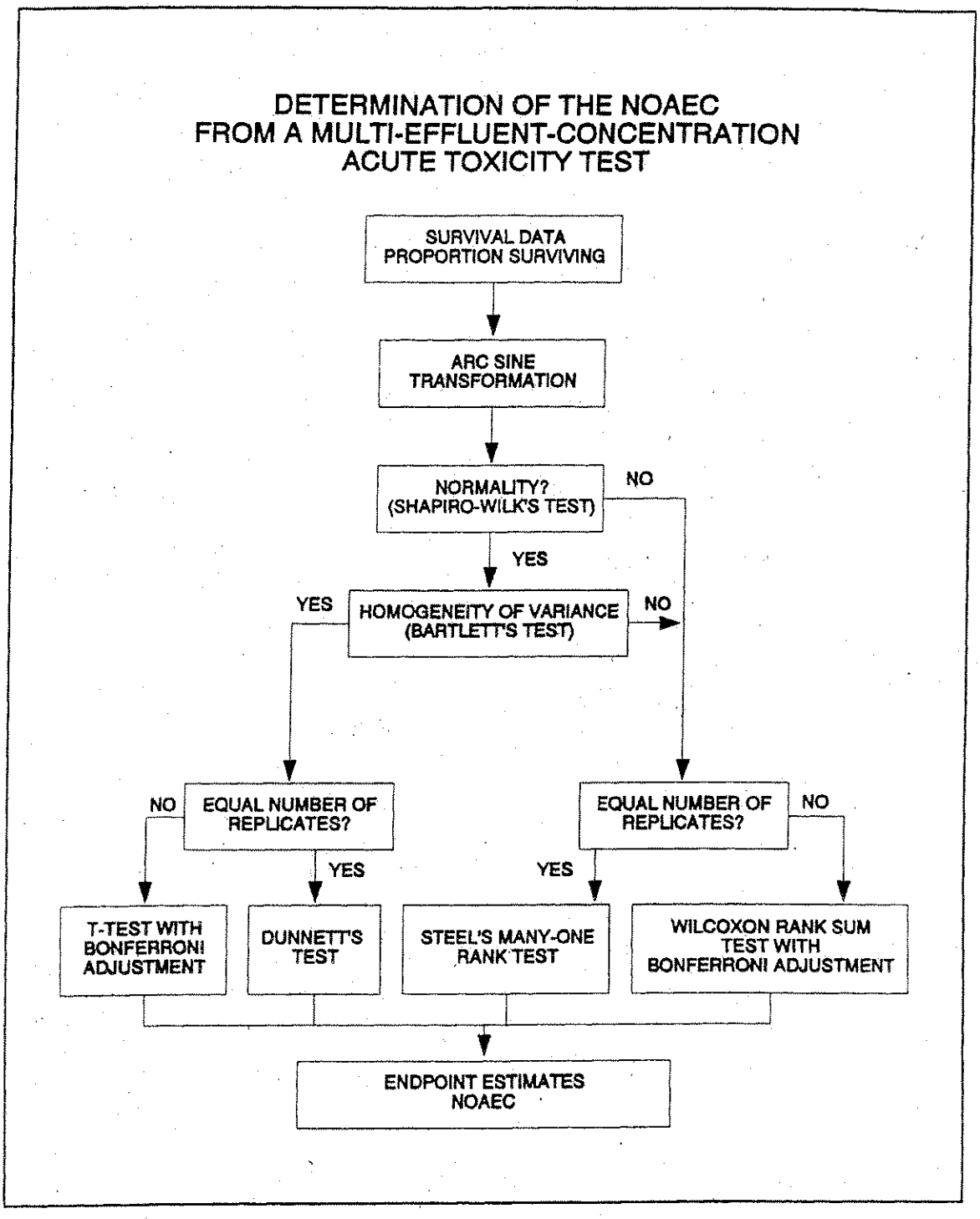


Figure 13. Flowchart for analysis of multi-effluent-concentration test data.

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

Aquatec Biological Sciences, Inc.

Test Date: 1/10/07
Sample Date: 1/09/07
Species: Daphnia pulex
Test Type: Acute - 48 hours

Test Number: 51549
Test Material: Effluent - Industrial %
Source: MA0003891
General Electric Company
Pittsfield, MA

SUMMARY

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

X = indicates concentrations used in calculations

- HYPOTHESIS TEST -

End Point	Day	Transformation/Analysis	NOEC	LOEC	TU	MSE	MSD
Proportion Alive	2	Arc sine sqrt w/ adj.					
		Steel many-one rank test	>100.000	>100.000	< 1.00	.005	.064

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

Aquatec Biological Sciences, Inc.

WATER FLEA TEST DATA

Test Number: 51549 ( ) Chronic (x) Acute 48 hours
Test Date: 10-Jan-07
Source: MA0003891 Test Material: EFF2 (%)

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

QC ✓
KS 1/16/07
J 1/23/07

Client: GENERAL ELECTRIC, PITTSFIELD, MA Test #: 51549 SDG: 10103
MA0003891
Test Description: *Daphnia pulex* 48-h daily renewal acute toxicity test

SURVIVAL DATA, SAMPLE 34151

Treatment (%)		Day 0	Day 1 # Surviving	Day 2 # Surviving
Rec.	A	5	5	5
Water	B	5	5	5
Contr	C	5	5	5
	D	5	5	KK 5
	E	5	4	KK 4
5.0	A	5	5	5
	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
15	A	5	5	5
	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	4
35	A	5	5	5
	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
50	A	5	5	5
	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
75	A	5	5	5
	B	5	4	4
	C	5	5	5
	D	5	5	5
	E	5	5	5
100	A	5	5	5
	B	5	5	5
	C	5	5	6
	D	5	5	5
	E	5	5	5
Sample #		34151		11:10
I/D/T		KS 1/10 11:10	KS 1/11 11:15	KK 1-12-07

Aquatec Biological Sciences, Inc. Williston Vermont
Reviewed by: _____ Date: 1/23/07

Client: GENERAL ELECTRIC, PITTSFIELD, MA Test #: 51549 SDG: 10103
MA0003891
Test Description: *Daphnia pulex* 48-h daily renewal acute toxicity test

SURVIVAL DATA, LAB CONTROL AND DECHLORINATION CONTROL

Treatment (%)		Day 0	Day 1 # Surviving	Day 2 # Surviving
Lab	A	5	5	5
Contr	B	5	5	5
	C	5	5	5
	D	5	5	4
	E	5	5	5
Dechlor.	A	5	5	5
Control	B	5	5	5
	C	5	5	4
	D	5	5	5
	E	5	5	5
		11:00		11:10
I/D/T		KS 1/10	KS 1/11 11:05	KK 1/12/07

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

Daphnia pulex Culture Log

CULTURE ID	WATER RENEWAL? (Lot#) 1207 M W	FED (MWF *Sel*/YCT TuTh *Sel*)	CLEARED OF NEONATES? (TIME)	Culture Beakers Washed?	Temp. (°C)	DATE	INIT.
12/20 A,B,C 1/2	—	Sel	—	—	—	1-6-07	KK
⊥	—	Sel	—	—	-	1-7-07	KS
12/20 A,B,C 1/2	✓	Yc/sel	✓	✓	21.0°C	1-8-07	KS
⊥	✓	⊥	✓ 12:10	—	20.8	1-9-07	KS
12/20 A,B,C 1/2	✓	Yc/sel	✓ 10:25	—	20.8	1-10-07	KS

Selenastrum Lot#: 1307 Sel
YC or YCT Lot#: 122806YC

Client: GENERAL ELECTRIC, PITTSFIELD, MA Test #: 51549 SDG: 10103
MA0003891 OUTFALL 001
Test Description: *Daphnia pulex* 48-h daily renewal acute toxicity test

Treatment (%)	Parameter	Day 0	Day 1	Day 2
Lab Contr	pH	7.4		7.3
	DO	8.1		8.3
	Temp	20.3	20.5	20.4
	Cond.	208	--	226
Dechlorination Control	pH	7.4		7.3
	DO	8.2		8.4
	Temp	20.1	20.3	20.4
	Cond.	220	--	237
Rec. Water Contr	pH	7.2		7.1
	DO	8.5		8.5
	Temp	20.2	20.2	20.3
	Cond.	108	--	129
5.0	pH	7.2		7.0
	DO	8.5		8.4
	Temp	20.3	20.2	20.3
	Cond.	119	--	143
15	pH	7.2		7.1
	DO	8.5		8.4
	Temp	20.3	20.2	20.4
	Cond.	144	--	163
35	pH	7.3		7.2
	DO	8.5		8.4
	Temp	20.4	20.3	20.5
	Cond.	194	--	211
50	pH	7.4		7.3
	DO	8.5		8.3
	Temp	20.4	20.4	20.5
	Cond.	230	--	270
75	pH	7.5		7.5
	DO	8.5		8.4
	Temp	20.3	20.3	20.7
	Cond.	296	--	310
100	pH	7.6		7.7
	DO	8.5		8.4
	Temp	20.2	20.3	20.6
	Cond.	406	--	350
Sample #		34151	34151	34151
I/D (2006)		KS 1-10-07	KS 1/11/07	KK 1-12-07

Alkalinity and Hardness Worksheet

Alkalinity

Sample Identifier	LIMS Identifier	Sub ID Code	Sampling Date	Sample Volume	Initial Titrant (ml)	Final Titrant (ml)	Analyst	Analysis Date	Alkalinity
34151	GE Pittsfield Outfall		1/10/07	25	11.4	13.6	KS	1/11/07	88.0
34152	Housatonic River		1/10/07	25	13.6	14.4	KS	1/11/07	32.0

Hardness

Sample Volume	Initial Titrant (ml)	Final Titrant (ml)	Analyst	Analysis Date	Hardness
50	28.3	33.1	KS	1/10/07	96.0
50	33.1	35	KS	1/10/07	38.0

1/23/07

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

Total Residual Chlorine Analysis

Client	SDG
GE Pittsfield, MA	10103

Sample #	Sample ID	Collection Date / Time	Analysis Date / Time / Analyst	Result (TRC mg/L)	Method
34151	Outfall Composite A7831C	1/9/07, 10:55	1/10/07, 15:00 JWW	<0.1	DPD Colorimetric
34152	Housatonic River A7832R	1/9/07, 08:40	1/10/07, 15:00 JWW	<0.1	DPD Colorimetric

Sample Preparation

Client: GENERAL ELECTRIC, PITTSFIELD, MA MA0003891	**SDG: 10103**
Test Description: *Daphnia pulex* acute toxicity test.	**Test #: 51549**

Sample Identification:

Sample Description	Rec. Water (Housatonic River)	Effluent		
Sample #	34152	34151		

Sample Preparation:

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

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

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

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

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

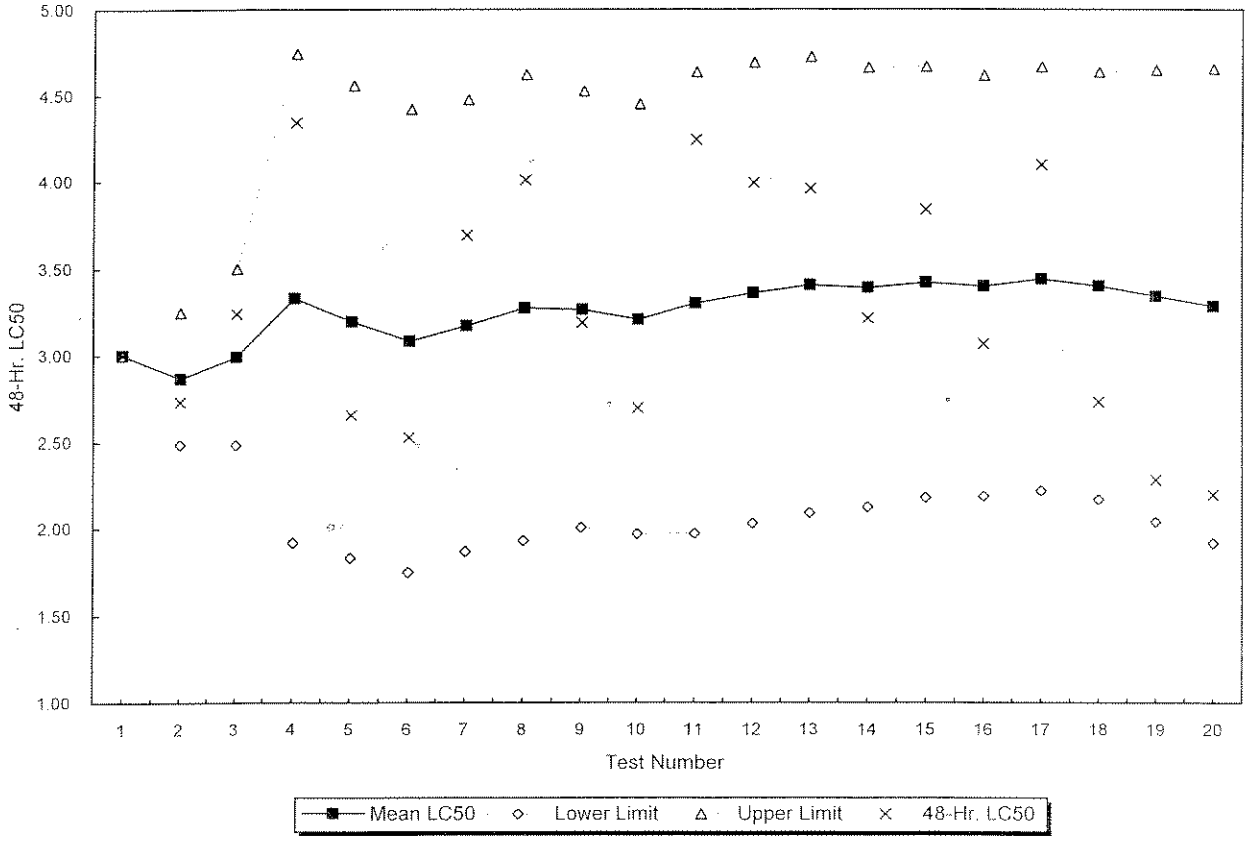
Comments:

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

Appendix 5
Standard Reference Toxicant test Control Chart

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

Test Number	Test Date	Organism Age (Days)	48-Hr. LC50	Mean LC50	Lower Limit	Upper Limit	Organism Source
1	12/15/98	1	3.002	3.00	3.00	3.00	Aquatec Biological Sciences
2	10/08/05	1	2.733	2.87	2.49	3.25	Aquatic BioSystems
3	10/11/05	1	3.241	2.99	2.48	3.50	Aquatic BioSystems
4	10/19/05	1	4.342	3.33	1.92	4.74	Aquatic BioSystems
5	11/02/05	1	2.655	3.19	1.83	4.56	Aquatec Biological Sciences
6	11/08/05	1	2.527	3.08	1.75	4.42	Aquatec Biological Sciences
7	12/07/05	1	3.693	3.17	1.87	4.47	Aquatec Biological Sciences
8	01/05/06	1	4.009	3.28	1.93	4.62	Aquatec Biological Sciences
9	02/08/06	1	3.189	3.27	2.01	4.53	Aquatec Biological Sciences
10	03/11/06	1	2.698	3.21	1.97	4.45	Aquatec Biological Sciences
11	04/06/06	1	4.243	3.30	1.97	4.63	Aquatec Biological Sciences
12	05/10/06	1	3.992	3.36	2.03	4.69	Aquatec Biological Sciences
13	06/07/06	1	3.959	3.41	2.09	4.72	Aquatec Biological Sciences
14	07/11/06	1	3.215	3.39	2.12	4.66	Aquatec Biological Sciences
15	08/08/06	1	3.839	3.42	2.18	4.67	Aquatec Biological Sciences
16	09/13/06	1	3.068	3.40	2.19	4.62	Aquatec Biological Sciences
17	10/11/06	1	4.098	3.44	2.22	4.67	Aquatec Biological Sciences
18	11/17/06	1	2.733	3.40	2.17	4.64	Aquatec Biological Sciences
19	12/13/06	1	2.281	3.34	2.04	4.65	Aquatec Biological Sciences
20	01/10/07	1	2.196	3.29	1.92	4.66	Aquatec Biological Sciences



qaqc\srts\Dp acute nacl recent

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

Copies of our SOP have been submitted with prior reports. Any future revisions of this SOP will be submitted.

APPENDIX 2

Laboratory Reports

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

NPDES Sampling
GE Pittsfield
Toxicity pH

Date: 1/09/07

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

Effluent Composite
Sample # A77831C
Date 1-9-07
Time 10:55AM
pH 7.57 su

River/Dilution Water
Sample # A77832R
Date 1-9-07
Time 8:40AM
pH 7.15 su

C. Coyle 1-9-07
Signed & Dated

COLUMBIA ANALYTICAL SERVICES

Reported: 01/19/07

General Electric
Project Reference: GE-PITTSFIELD - BIOMOMITORING - 1/07
Client Sample ID : A7831C

Date Sampled : 01/09/07 10:55 **Order #:** 967303 **Sample Matrix:** WATER
Date Received: 01/10/07 **Submission #:** R2735405

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1	0.0500	0.102	MG/L	01/15/07	12:40	1.0
CHLORIDE	300.0	0.200	42.9	MG/L	01/12/07	03:38	40.0
TOTAL ALKALINITY	310.1	2.00	88.0	MG/L	01/16/07	09:45	1.0
TOTAL ORGANIC CARBON	9060	1.00	3.81	MG/L	01/17/07	18:20	1.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	01/18/07	15:28	1.0
TOTAL SOLIDS	160.3	10.0	185	MG/L	01/16/07	16:25	1.0
TOTAL SUSPENDED SOLIDS	160.2	1.00	7.20	MG/L	01/11/07	16:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 01/19/07

General Electric
Project Reference: GE-PITTSFIELD - BIOMOMITORING - 1/07
Client Sample ID : A7831CCN

Date Sampled : 01/09/07 10:55 **Order #:** 967308 **Sample Matrix:** WATER
Date Received: 01/10/07 **Submission #:** R2735405

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	01/12/07	09:57	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 01/19/07

General Electric
Project Reference: GE-PITTSFIELD - BIOMOMITORING - 1/07
Client Sample ID : A7831CTM

Date Sampled : 01/09/07 10:55 **Order #:** 967305 **Sample Matrix:** WATER
Date Received: 01/10/07 **Submission #:** R2735405

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.100	0.296	MG/L	01/11/07	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	01/11/07	1.0
CALCIUM	200.7	1.00	23.8	MG/L	01/12/07	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	01/11/07	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	01/11/07	1.0
LEAD	200.7	0.00500	0.00700	MG/L	01/11/07	1.0
MAGNESIUM	200.7	1.00	9.07	MG/L	01/11/07	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	01/11/07	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	01/11/07	1.0
ZINC	200.7	0.0200	0.0547	MG/L	01/11/07	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 01/19/07

General Electric
Project Reference: GE-PITTSFIELD - BIOMOMITORING - 1/07
Client Sample ID : A7831CDM

Date Sampled : 01/09/07 10:55 **Order #:** 967304 **Sample Matrix:** WATER
Date Received: 01/10/07 **Submission #:** R2735405

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.100	0.100 U	MG/L	01/11/07	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	01/11/07	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	01/11/07	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	01/11/07	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	01/11/07	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	01/11/07	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	01/11/07	1.0
ZINC	200.7	0.0200	0.0550	MG/L	01/11/07	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 01/19/07

General Electric
Project Reference: GE-PITTSFIELD - BIOMOMITORING - 1/07
Client Sample ID : A7832R

Date Sampled : 01/09/07 08:40 **Order #:** 967302 **Sample Matrix:** WATER
Date Received: 01/10/07 **Submission #:** R2735405

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1	0.0500	0.0500 U	MG/L	01/15/07	12:40	1.0
CHLORIDE	300.0	0.200	7.52	MG/L	01/12/07	03:23	10.0
TOTAL ALKALINITY	310.1	2.00	31.9	MG/L	01/16/07	09:45	1.0
TOTAL ORGANIC CARBON	9060	1.00	4.40	MG/L	01/17/07	17:42	1.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	01/18/07	15:28	1.0
TOTAL SOLIDS	160.3	10.0	70.0	MG/L	01/16/07	16:25	1.0
TOTAL SUSPENDED SOLIDS	160.2	1.00	1.40	MG/L	01/11/07	16:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 01/19/07

General Electric
Project Reference: GE-PITTSFIELD - BIOMOMITORING - 1/07
Client Sample ID : A7832RCN

Date Sampled : 01/09/07 08:40 **Order #:** 967307 **Sample Matrix:** WATER
Date Received: 01/10/07 **Submission #:** R2735405

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	01/12/07	09:57	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 01/19/07

General Electric
Project Reference: GE-PITTSFIELD - BIOMOMITORING - 1/07
Client Sample ID : A7832RTM

Date Sampled : 01/09/07 08:40 **Order #:** 967306 **Sample Matrix:** WATER
Date Received: 01/10/07 **Submission #:** R2735405

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.100	0.114	MG/L	01/11/07	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	01/11/07	1.0
CALCIUM	200.7	1.00	9.03	MG/L	01/12/07	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	01/11/07	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	01/11/07	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	01/11/07	1.0
MAGNESIUM	200.7	1.00	3.55	MG/L	01/11/07	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	01/11/07	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	01/11/07	1.0
ZINC	200.7	0.0200	0.0200 U	MG/L	01/11/07	1.0

APPENDIX 3

Chain of Custody Forms

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

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

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

SR #

CAS Contact

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

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

Phone #	FAX#
(413) 447-5915	(413) 447-5935
Sampler's Signature	**Sampler's Printed Name**
C. Coyle	SEAN C COYLE

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

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	PRESERVATIVE	GC/MS VOA's ☐ 8260 ☐ 624 ☐ CLP	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (10) EPA (List in comments below) 200.7	METALS, DISSOLVED (List in comments below)	CN EPA 335.4	TSS EPA 160.2	CHLORIDE & TOTAL SOLIDS					REMARKS/ ALTERNATE DESCRIPTION
						2									4	Ø	Ø				
A7831CTM	967305	1.9.07	10 55 AM	H2O	1						X										
A7831CTMQ	967305	1.9.07	10 55 AM	H2O	1						X										
A7832RTM	967306	1.9.07	8 40 AM	H2O	1						X										
A7831CCN	967308	1.9.07	10 55 AM	H2O	1								X								
A7831CCNQ	967308	1.9.07	10 55 AM	H2O	1								X								
A7832RCN	967307	1.9.07	8 40 AM	H2O	1								X								
A7831C	967303	1.9.07	10 55 AM	H2O	1									X							
A7832R	967302	1.9.07	8 40 AM	H2O	1									X							
A7831C	967303	1.9.07	10 55 AM	H2O	1										X						
A7832R	967302	1.9.07	8 40 AM	H2O	1										X						

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

SPECIAL INSTRUCTIONS/COMMENTS
Metals (10) - LISTED ON SAMPLE BOTTLES
- SAMPLES PACKED IN ICE
- TOX pH SHEET & TOX. COMPOSITE SHEET INCL. W/ COC'S

See QAPP ☐

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

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

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #: A7735405

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

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
C. Coyle					
Signature: SEAN C COYLE	Signature: Rachel Jones	Signature	Signature	Signature	Signature
Printed Name: OBL	Printed Name: Rachel Jones	Printed Name	Printed Name	Printed Name	Printed Name
Firm: 1-9-07 / 1:00pm	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time	Date/Time: 1/10/07 0930	Date/Time	Date/Time	Date/Time	Date/Time

SCOC-1102-08

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

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SR #

CAS Contact

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

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

PRESERVATIVE: 2 3 3 0

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☐ 8260 ☐ 624 ☐ CLP	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (2) EPA (List in comments below)	TOTAL PHOSPHORUS & 200.7	NH3	TOC	ALKALINITY	REMARKS/ ALTERNATE DESCRIPTION
ATT31CDM	967304	1.8.07	10 55 AM	H2O	1						X						
ATT31C	967303	1.9.07	10 55 AM	H2O	1							X					
ATT32R	967302	1.9.07	8 40 AM	H2O	1							X					
ATT31C	967303	1.9.07	10 55 AM	H2O	3									X			
ATT32R	967302	1.9.07	8 40 AM	H2O	3									X			
ATT31C	967303	1.9.07	10 55 AM	H2O	1										X		
ATT32R	967302	1.9.07	8 40 AM	H2O	1										X		

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

SPECIAL INSTRUCTIONS/COMMENTS
Metals (8) DISSOLVED METALS LISTED ON BOTTLES
- SAMPLES PACKED IN ICE

See QAPP ☐

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

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

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #: R2735405

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

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
C. Coyle					
Signature: SEAN C. COYLE	Signature: Rachel Jones	Signature	Signature	Signature	Signature
Printed Name: OBC	Printed Name: Rachel Jones	Printed Name	Printed Name	Printed Name	Printed Name
Firm: 1-9-07 / 1:00PM.	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time	Date/Time: 1/10/07 0930	Date/Time	Date/Time	Date/Time	Date/Time

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

SCOC-1102-08

Cooler Receipt And Preservation Check Form

Project/Client GTE Submission Number _____

Cooler received on 1/10/07 by: RJ COURIER: CAS UPS (FEDEX) VELOCITY CLIENT

1.	Were custody seals on outside of cooler?	(YES)	NO			
2.	Were custody papers properly filled out (ink, signed, etc.)?	(YES)	NO			
3.	Did all bottles arrive in good condition (unbroken)?	(YES)	NO			
4.	Did any VOA vials have significant air bubbles?	YES	NO	(N/A)		
5.	Were **Ice** or **Ice packs** present?	(YES)	NO			
6.	Where did the bottles originate?	(CAS/ROC), CLIENT				
7.	Temperature of cooler(s) upon receipt:	0.9°	0.2°	1.2°	____	____
	Is the temperature within 0° - 6° C?:	(Yes)	(Yes)	(Yes)	Yes	Yes
	If No, Explain Below	No	No	No	No	No

Date/Time Temperatures Taken: 1/10/07 RJ 1/9/07 @ 0940

Thermometer ID: 161 or (IR GUN) Reading From: Temp Blank or (Sample Bottle)

If out of Temperature, Client Approval to Run Samples _____

PC Secondary Review: CA 1/10/07

Cooler Breakdown: Date: _____ by: _____

1.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?	YES	NO
2.	Did all bottle labels and tags agree with custody papers?	YES	NO
3.	Were correct containers used for the tests indicated?	YES	NO
4.	Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated N/A		

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added	Final pH
pH	Reagent						
≥12	NaOH						
≤2	HNO_3						
≤2	H_2SO_4						
Residual Chlorine (+/-)	for TCN & Phenol						

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH _____

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2		

Other Comments:

PC Secondary Review: _____

Aquatec Biological Sciences
Chain-of-Custody Record

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

COMPANY INFORMATION

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

COMPANY'S PROJECT INFORMATION

Project Name: GE PITTSFIELD
Outfall Composite
Project Number: 06004
Sampler Name(s): SEAN COYLE
NPDES Permit #: MA0003891
Quote #: 10/05 Client Code: GEPITTS

SHIPPING INFORMATION

Carrier:
Airbill Number:
Date Shipped: 1-9-07
Hand Delivered: [X] Yes [ ] No

VOLUME/CONTAINER TYPE/ PRESERVATIVE

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

SAMPLE IDENTIFICATION	COLLECTION DATE	COLLECTION TIME	GRAB	COMPOSITE	MATRIX	ANALYSIS (detection limits, mg/L)	NUMBER OF CONTAINERS
Outfall Composite A7231C	1.9.07	10 55 AM		X	Effluent	*Daphnia pulex* 48-h Static Acute Toxicity (EPA Method 2021.0). Log in for A48DPS	1
Outfall Composite A7231C	1.9.07	10 55 AM		X	Effluent	Total Residual Chlorine	1
Housatonic River A7232R	1.9.07	7 40 AM	X		Receiving	Dilution Water	1
Housatonic River A7232R	1.9.07	7 40 AM	X		Receiving	Total Residual Chlorine	1

Relinquished by: (signature)	DATE	TIME	Received by: (signature)
C Coyle	1-9-06	13:10	
Relinquished by: (signature)	DATE	TIME	Received by: (signature)
	1-9-06	17:15	
Relinquished by: (signature)	DATE	TIME	Received by: (signature)

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

Notes to Lab: Ambient cooler temperature: 5 °C. Dechlorinate the effluent sample if chlorine is detected.

1/9/2007

ACUTE AQUATIC TOXICITY COMPOSITE

Month: JAN
Week: 2
Fiscal Wk: 2
Weather: WET

	Gallons/Day	Ml in Composite	Percent of Composite
001	336,380	3,413.14	31.03%
004	0	-	0.00%
007	0	-	0.00%
64T	223,898	2,271.82	20.65%
64G	136,280	1,382.79	12.57%
09A	0	-	0.00%
09B	387,541	3,932.25	35.75%
	1,084,099	11000	**100.00%**

The Acute Toxicity Composite was made today by SEAN C COYLE @ 10:55 AM

according to the table above, and given the sample ID# A77831C.

Chain-of-Custody Form Number: 086-090107

Analysis: TOXICITY COMP.

TIME: Location: 10:55AM Date: 1-9-07

Sample Label Serial Number A 78310

S. C. Coyle
Signed

1-9-07
Date