GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

Transmitted via Overnight Courier

March 9, 2010

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

Mr. Michael Gorski
Regional Director
Western Regional Office
Department of Environmental Protection
436 Dwight Street
Springfield, MA 01103

Re: GE-Pittsfield/Housatonic River Site
Monthly Status Report Pursuant to Consent Decree for February 2010 (GECD900)

Dear Mr. Tagliaferro and Mr. Gorski:

Enclosed are copies of General Electric's (GE's) monthly progress report for February 2010 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 me if you have any questions.

Sincerely,

Richard W. Gates

Richard W. Gates
Remediation Project Manager

Enclosure
G:\GE\GE_Pittsfield_General\Reports and Presentations\Monthly Reports\2010\02-10 CD Monthly\Letter.doc

cc: Richard Fisher, EPA
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)
M. Otis, USACE (CD-ROM of report)
John Ziegler, MDEP (hard copy and CD-ROM of report)
Eva Tor, MDEP (cover letter and CD-ROM of report)
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 EOEEA
Mayor James Ruberto, City of Pittsfield
William Hines, Director, Pittsfield Economic Development Authority
Linda Palmieri, Weston
Jack Yablonsky, Berkshire Gas (CD-ROM of report)
Richard Nasman, P.E., Berkshire Gas (cover letter only)
Michael Carroll GE (CD-ROM of report)
Andrew Silfer, GE (cover letter only)
Rod McLaren, GE (CD-ROM of report)
James Nuss, ARCADIS
James Bieke, Goodwin Procter
Kevin Russell, Anchor 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)

February 2010

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 ARCADIS (formerly Blasland, Bouck & Lee, Inc.), 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)
FEBRUARY 2010

a. Activities Undertaken/Completed

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

- Discussed with EPA potential follow-up plan to finding in October 2009 of residual oil in certain pipes located north of Building OP-2, which was then drained, containerized, and sampled

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 January 1 through January 31, 2010, are provided in Attachment B to this report.

c. Work Plans/Reports/Documents Submitted

- Submitted to EPA and MDEP an updated Stormwater Pollution Prevention Plan (SWPPP), pursuant to GE's NPDES Permit Modification (February 18, 2010).

- Submitted to EPA and MDEP a report summarizing activities conducted under the Best Management Practices (BMPs) and SWPPP during the previous year, pursuant to GE's NPDES Permit Modification (February 25, 2010).

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

- Continue NPDES Permit-related sampling and monitoring activities.

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

- Submit follow-up plan to finding in October 2009 of residual oil in certain pipes located north of Building OP-2.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

ITEM 1
PLANT AREA
20s, 30s, 40s COMPLEXES
(GECD120)
FEBRUARY 2010

a. Activities Undertaken/Completed

On February 26, 2010, GE and the Pittsfield Economic Development Authority (PEDA) received EPA's preliminary comments on the December 2009 draft Revised Evaluation Report/Slab Plan for the 40s Complex, as well as comments on the net cut issue associated with the Grant of Environmental Restriction and Easement (ERE) for the 40s Complex.*

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Continue discussions with PEDA relating to activities associated with future transfer of the 40s Complex to PEDA.
- Work with PEDA in preparing a revised draft of the ERE for the 40s Complex for review by EPA and MDEP.*
- Arrange for completion of the remaining survey work for the ERE for the 40s Complex.*
- Following EPA's final review of the draft Revised Evaluation Report/Slab Plan, submit final Revised Evaluation Report/Slab Plan for the 40s Complex.*
- Following EPA's final review of the draft Revised Evaluation Report/Slab Plan, re-submit draft of the Final Completion Report (FCR) for the 40s Complex to EPA for review.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

ITEM 2
PLANT AREA
EAST STREET AREA 2-SOUTH
(GECD150)
FEBRUARY 2010

a. Activities Undertaken/Completed

- Continued implementation of NPDES Permit-related Building 64G Treatment Capability Study Work Plan.

- Continued installation of flow monitoring and sampling equipment at Outfalls 005, 05A, 05B, 006, 06A, SR05, 64G Groundwater Treatment Plant, and 64T Water Treatment Plant.

- Conducted water sampling as part of the NPDES Permit-related Capability Study, as noted in Table 2-1.

- Performed February 2010 dry weather flow inspection activities in East Street Area 2-South associated with Drainage Basins 005 and 006 under GE's NPDES Permit-related Baseline Monitoring Plan.

- Initiated installation of flow monitoring/sampling equipment at OWS 64Z for "baseline" effectiveness sampling program, pursuant to GE's NPDES Permit Modification.

- Initiated preparation of Addendum to Final Removal Design/Removal Action (RD/RA) Work Plan for East Street Area 2-South.*

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted to EPA and MDEP a summary letter, titled Pipeline Cleaning and Inspection/Sediment and Debris Removal from Manholes and Catch Basins, describing sediment and debris removal activities in drainage basin 006 (February 24, 2010). (See also Item 7.c below.)

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

- Continue installation of flow monitoring and sampling equipment at Outfalls 005, 05A, 05B, 006, 06A, SR05, 64G Groundwater Treatment Plant, and 64T Water Treatment Plant.

- Continue sampling as part of NPDES Permit-related Building 64G Treatment Capability Study.

- Complete and submit Addendum to Final RD/RA Work Plan for East Street Area 2-South (due to EPA by April 6, 2010).*

ITEM 2
PLANT AREA
(cont'd)
EAST STREET AREA 2-SOUTH
(GECD150)
FEBRUARY 2010

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

- Prepare Request for Proposal (RFP) for contract bids for remediation actions.*

- Perform March 2010 dry weather flow inspection activities in East Street Area 2-South associated with Drainage Basins 005 and 006 under GE's NPDES Permit-related Baseline Monitoring Plan.

- Initiate development of the 64Z Pilot Study Plan designed to evaluate the potential for increased solids removal, pursuant to GE's NPDES Permit Modification.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

Received EPA's conditional approval of Final RD/RA Work Plan for East Street Area 2-South (February 25, 2010).*

TABLE 2-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING FEBRUARY 201(

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 ARCADIS
Capability Study	CAP-A-011010	1/10/10	Water	Columbia	TSS, TSS (f)	2/1/10
Capability Study	CAP-A-011910	1/19/10	Water	Columbia	TSS, TSS (f)	2/2/10
Capability Study	CAP-A-012810	1/28/10	Water	Columbia	TSS, TSS (f)	2/16/10
Capability Study	CAP-A-012810	1/28/10	Water	SGS	PCB	2/4/10
Capability Study	CAP-A-020310	2/3/10	Water	Columbia	TSS, TSS (f)	2/16/10
Capability Study	CAP-A-020310	2/3/10	Water	SGS	PCB	2/12/10
Capability Study	CAP-A-020710	2/7/10	Water	Columbia	TSS, TSS (f)	2/24/10
Capability Study	CAP-A-020710	2/7/10	Water	SGS	PCB	2/19/10
Capability Study	CAP-A-021410	2/14/10	Water	Columbia	TSS, TSS (f)	
Capability Study	CAP-A-021410	2/14/10	Water	SGS	PCB, PCB(f)	2/22/10
Capability Study	CAP-A-022410	2/24/10	Water	Columbia	TSS, TSS (f)	
Capability Study	CAP-A-022410	2/24/10	Water	SGS	PCB	
Capability Study	CAP-B-012810	1/28/10	Water	SGS	PCB	2/4/10
Capability Study	CAP-B-020310	2/3/10	Water	SGS	PCB	2/12/10
Capability Study	CAP-B-020710	2/7/10	Water	SGS	PCB	2/19/10
Capability Study	CAP-B-021410	2/14/10	Water	SGS	PCB	2/22/10
Capability Study	CAP-B-022410	2/24/10	Water	SGS	PCB	
Capability Study	CAP-C-012810	1/28/10	Water	SGS	PCB	2/4/10
Capability Study	CAP-C-020310	2/3/10	Water	SGS	PCB	2/12/10
Capability Study	CAP-C-020710	2/7/10	Water	SGS	PCB	2/19/10
Capability Study	CAP-C-021410	2/14/10	Water	SGS	PCB	2/22/10
Capability Study	CAP-C-022410	2/24/10	Water	SGS	PCB	
Capability Study	CAP-CO-012810	1/28/10	Water	SGS	PCB	2/4/10
Capability Study	CAP-CO-020310	2/3/10	Water	SGS	PCB	2/12/10
Capability Study	CAP-CO-020710	2/7/10	Water	SGS	PCB	2/19/10
Capability Study	CAP-CO-021410	2/14/10	Water	SGS	PCB	2/22/10
Capability Study	CAP-CO-1-022410	2/24/10	Water	SGS	PCB	
Capability Study	CAP-D-011010	1/10/10	Water	Columbia	TSS, TSS (f)	2/1/10
Capability Study	CAP-D-011910	1/19/10	Water	Columbia	TSS, TSS (f)	2/2/10
Capability Study	CAP-D-012810	1/28/10	Water	Columbia	TSS, TSS (f)	2/16/10
Capability Study	CAP-D-012810	1/28/10	Water	SGS	PCB	2/4/10
Capability Study	CAP-D-020310	2/3/10	Water	Columbia	TSS, TSS (f)	2/16/10
Capability Study	CAP-D-020310	2/3/10	Water	SGS	PCB	2/12/10
Capability Study	CAP-D-020710	2/7/10	Water	Columbia	TSS, TSS (f)	2/24/10
Capability Study	CAP-D-020710	2/7/10	Water	SGS	PCB	2/19/10
Capability Study	CAP-D-021410	2/14/10	Water	Columbia	TSS, TSS (f)	

TABLE 2-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING FEBRUARY 201(

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 ARCADIS
Capability Study	CAP-D-021410	2/14/10	Water	SGS	PCB, PCB(f)	2/22/10
Capability Study	CAP-D-022410	2/24/10	Water	Columbia	TSS, TSS (f)	
Capability Study	CAP-D-022410	2/24/10	Water	SGS	PCB	
Capability Study	CAP-DUP-6 (CAP-IT-012810)	1/28/10	Water	SGS	PCB	2/4/10
Capability Study	CAP-DUP-7 (CAP-D-020710)	2/7/10	Water	Columbia	TSS	2/24/10
Capability Study	CAP-DUP-8 (CAP-D-020710)	2/7/10	Water	Columbia	TSS (f)	2/24/10
Capability Study	CAP-DUP-9 (CAP-B-020710)	2/7/10	Water	SGS	PCB	2/19/10
Capability Study	CAP-IT-012810	1/28/10	Water	SGS	PCB	2/4/10
Capability Study	CAP-IT-020310	2/3/10	Water	SGS	PCB	2/12/10
Capability Study	CAP-IT-020710	2/7/10	Water	SGS	PCB	2/19/10
Capability Study	CAP-IT-021410	2/14/10	Water	SGS	PCB	2/22/10
Capability Study	CAP-IT-022410	2/24/10	Water	SGS	PCB	

Notes:
1. The parent sample location associated with the field duplicate is presented in parenthesis.
2. (f) - Indicates filtered analysis requested.

TABLE 2-2
DATA RECEIVED DURING FEBRUARY 2010

CAPABILITY STUDY
EAST STREET AREA 2-SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Location ID: / Sample ID: / Date Collected:	CAP-A CAP-A-011910 01/19/10	CAP-A CAP-A-012810 01/28/10	CAP-A CAP-A-011010 02/02/10	CAP-A CAP-A-020310 02/03/10	CAP-A CAP-A-020710 02/07/10	CAP-A CAP-A-021410 02/14/10
PCBs-Unfiltered							
Aroclor-1254		NA	0.00092	NA	0.00016	0.00016	0.00019
Aroclor-1260		NA	0.0014	NA	0.00013	0.000079	0.00013
Total PCBs		NA	0.00232	NA	0.00029	0.000239	0.00032
PCBs-Filtered							
Aroclor-1254		NA	NA	NA	NA	NA	ND(0.000015)
Aroclor-1260		NA	NA	NA	NA	NA	ND(0.000015)
Total PCBs		NA	NA	NA	NA	NA	ND(0.000015)
Conventional-Unfiltered							
Total Suspended Solids		7.30	6.80	3.40	3.40	3.20	NA
Conventional-Filtered							
Total Suspended Solids		7.20	5.10	2.60	2.40	2.10	NA

TABLE 2-2
DATA RECEIVED DURING FEBRUARY 2010

CAPABILITY STUDY
EAST STREET AREA 2-SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Location ID: / Sample ID: / Date Collected:	CAP-B CAP-B-012810 01/28/10	CAP-B CAP-B-020310 02/03/10	CAP-B CAP-B-020710 02/07/10	CAP-B CAP-B-021410 02/14/10	CAP-C CAP-C-012810 01/28/10	CAP-C CAP-C-020310 02/03/10
PCBs-Unfiltered							
Aroclor-1254		ND(0.000015)	ND(0.000015)	ND(0.000015) [ND(0.000015)]	ND(0.000015)	ND(0.000015)	ND(0.000015)
Aroclor-1260		ND(0.000015)	ND(0.000015)	ND(0.000015) [ND(0.000015)]	ND(0.000015)	ND(0.000015)	ND(0.000015)
Total PCBs		ND(0.000015)	ND(0.000015)	ND(0.000015) [ND(0.000015)]	ND(0.000015)	ND(0.000015)	ND(0.000015)
PCBs-Filtered							
Aroclor-1254		NA	NA	NA	NA	NA	NA
Aroclor-1260		NA	NA	NA	NA	NA	NA
Total PCBs		NA	NA	NA	NA	NA	NA
Conventional-Unfiltered							
Total Suspended Solids		NA	NA	NA	NA	NA	NA
Conventional-Filtered							
Total Suspended Solids		NA	NA	NA	NA	NA	NA

TABLE 2-2
DATA RECEIVED DURING FEBRUARY 2010

CAPABILITY STUDY
EAST STREET AREA 2-SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Location ID: / Sample ID: / Date Collected:	CAP-C CAP-C-020710 02/07/10	CAP-C CAP-C-021410 02/14/10	CAP-CO CAP-CO-012810 01/28/10	CAP-CO CAP-CO-020310 02/03/10	CAP-CO CAP-CO-020710 02/07/10	CAP-CO CAP-CO-021410 02/14/10
PCBs-Unfiltered							
Aroclor-1254		ND(0.000015)	ND(0.000015)	0.0015	0.00036	0.00058	0.00045
Aroclor-1260		ND(0.000015)	ND(0.000015)	ND(0.000077)	0.00030	0.00028	0.00017
Total PCBs		ND(0.000015)	ND(0.000015)	0.0015	0.00066	0.00086	0.00062
PCBs-Filtered							
Aroclor-1254		NA	NA	NA	NA	NA	NA
Aroclor-1260		NA	NA	NA	NA	NA	NA
Total PCBs		NA	NA	NA	NA	NA	NA
Conventional-Unfiltered							
Total Suspended Solids		NA	NA	NA	NA	NA	NA
Conventional-Filtered							
Total Suspended Solids		NA	NA	NA	NA	NA	NA

TABLE 2-2
DATA RECEIVED DURING FEBRUARY 2010

CAPABILITY STUDY
EAST STREET AREA 2-SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Location ID: / Sample ID: / Date Collected:	CAP-D CAP-D-011010 01/10/10	CAP-D CAP-D-011910 01/19/10	CAP-D CAP-D-012810 01/28/10	CAP-D CAP-D-020310 02/03/10	CAP-D CAP-D-020710 02/07/10	CAP-D CAP-D-021410 02/14/10
PCBs-Unfiltered							
Aroclor-1254		NA	NA	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000015)
Aroclor-1260		NA	NA	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000015)
Total PCBs		NA	NA	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000015)
PCBs-Filtered							
Aroclor-1254		NA	NA	NA	NA	NA	ND(0.000015)
Aroclor-1260		NA	NA	NA	NA	NA	ND(0.000015)
Total PCBs		NA	NA	NA	NA	NA	ND(0.000015)
Conventional-Unfiltered							
Total Suspended Solids		ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00) [ND(1.00)]	NA
Conventional-Filtered							
Total Suspended Solids		ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00) [ND(1.00)]	NA

TABLE 2-2
DATA RECEIVED DURING FEBRUARY 2010

CAPABILITY STUDY
EAST STREET AREA 2-SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Location ID: / Sample ID: / Date Collected:	CAP-IT CAP-IT-012810 01/28/10	CAP-IT CAP-IT-020310 02/03/10	CAP-IT CAP-IT-020710 02/07/10	CAP-IT CAP-IT-021410 02/14/10
PCBs-Unfiltered					
Aroclor-1254		0.0084 [0.0075]	0.0063	0.0040	0.0062
Aroclor-1260		ND(0.00077) [ND(0.00077)]	0.0045	0.0023	0.0041
Total PCBs		0.0084 [0.0075]	0.0108	0.0063	0.0103
PCBs-Filtered					
Aroclor-1254		NA	NA	NA	NA
Aroclor-1260		NA	NA	NA	NA
Total PCBs		NA	NA	NA	NA
Conventional-Unfiltered					
Total Suspended Solids		NA	NA	NA	NA
Conventional-Filtered					
Total Suspended Solids		NA	NA	NA	NA

Notes:
1. Samples were collected by ARCADIS and submitted to Columbia Analytical Services, Inc. and SGS Environmental Services, Inc. for analysis of PCBs and total suspended solids (TSS).
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
4. Only those constituents detected in one or more samples are summarized.
5. Field duplicate sample results are presented in brackets.

ITEM 3
PLANT AREA
EAST STREET AREA 2-NORTH
(GECD140)
FEBRUARY 2010

a. Activities Undertaken/Completed

Performed February 2010 dry weather flow inspection activities in East Street Area 2-North associated with Drainage Basin 005 under GE's NPDES Permit-related Baseline Monitoring Plan.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Perform March 2010 dry weather flow inspection activities in East Street Area 2-North associated with Drainage Basin 005 under GE's NPDES Permit-related Baseline Monitoring Plan.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- On December 21, 2006, GE submitted a proposal for the remaining at-grade concrete slabs of certain buildings in the 19s Complex. GE is currently considering the need for revisions to that proposal based on discussions with PEDA.*

- In late December 2009, GE temporarily ceased demolition and restoration work at the 19s Complex due to inclement weather. GE intends to resume and complete activities associated with demolition and restoration of the 19s Complex subject to suitable weather conditions and once dust suppression measures can be employed safely. At this time, remobilization is tentatively scheduled for April 2010.

f. Proposed/Approved Work Plan Modifications

None

ITEM 5
PLANT AREA
HILL 78 & BUILDING 71 CONSOLIDATION AREAS
(GECD210/220)
FEBRUARY 2010

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

a. Activities Undertaken/Completed

Transferred leachate from Building 71 On-Plant Consolidation Area (OPCA) to Building 64G Groundwater Treatment Facility for treatment. The total amount transferred in February 2010 was 6,000 gallons (see Table 5-1).

b. Sampling/Test Results Received

See attached table.

c. Work Plans/Reports/Documents Submitted

None

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

Begin work on draft Final Completion Report for OPCAs.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

GE's Post-Removal Site Control Plan for the OPCAs is under discussion with EPA.

f. Proposed/Approved Work Plan Modifications

None

TABLE 5-1
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
February 2010

Month / Year	Total Volume of Leachate Transferred (Gallons)
February 2009	4,363
March 2009	3,767
April 2009	4,936
May 2009	5,166
June 2009	4,956
July 2009	5,000
August 2009	5,287
September 2009	8,698
October 2009	0
November 2009	9,231
December 2009	6,000
January 2010	5,000
February 2010	6,000

Note:

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

ITEM 6
PLANT AREA
HILL 78 AREA - REMAINDER
(GECD160)
FEBRUARY 2010

a. Activities Undertaken/Completed

Removed existing flow monitoring equipment and installed new Accqmin® monitoring equipment at OutfallYD13.

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 work on draft ERE and draft Final Completion Report for Hill 78 Area-Remainder.*
- Send requests for subordination agreements to entities that hold encumbrances on parcels within this area.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

The schedule for the Pre-Certification Inspection will be discussed with EPA.*

f. Proposed/Approved Work Plan Modifications

None

TABLE 6-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING FEBRUARY 201(

HILL 78 AREA-REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
NPDES Related 2010 YD Outfall Sampling	YD-13-012510	1/25/10	Water	Columbia	Oil & Grease	2/11/10
NPDES Related 2010 YD Outfall Sampling	YD-13-012510	1/25/10	Water	Columbia	TSS, Zn	2/11/10

TABLE 6-2
DATA RECEIVED DURING FEBRUARY 2010

NPDES RELATED 2010 YD OUTFALL SAMPLING
HILL 78 AREA-REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	YD-13-012510 01/25/10
Inorganics-Unfiltered	
Zinc	0.0240
Conventional	
Oil & Grease	ND(4.2)
Total Suspended Solids	20.0

Notes:

1. Sample was collected by ARCADIS and submitted to Columbia Analytical Services, Inc. for analysis of oil & grease, total suspended solids and zinc.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

ITEM 7
PLANT AREA
UNKAMET BROOK AREA
(GECD170)
FEBRUARY 2010

a. Activities Undertaken/Completed

- Received confirmation from the owner of Parcel L12-1-101 that it would agree to an ERE on that parcel.*

- Performed February 2010 dry weather flow inspection activities associated with Drainage Basin 009 under GE's NPDES Permit-related Baseline Monitoring Plan.

- Continued installation of flow monitoring and sampling equipment at Outfall 009, pursuant to GE's NPDES Permit Modification.

- Conducted Toxicity Characteristic Leaching Procedure (TCLP) and PCB sampling of material removed from laboratory vent hoods and associated ductwork in Building 130 in preparation for renovation work, as noted in Table 7-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted to EPA and MDEP a summary letter, titled Pipeline Cleaning and Inspection/Sediment and Debris Removal from Manholes and Catch Basins, describing pipeline cleaning and inspection activities in drainage basin 009, YD10, YD11, and YD12 and manhole/catch basin sediment and debris removal activities in drainage basin 009 (February 24, 2010). (This is the same letter referenced in Item 2.c above.)

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

- Perform March 2010 dry weather flow inspection activities associated with Drainage Basin 009 under GE's NPDES Permit-related Baseline Monitoring Plan.

- Prepare and submit an addendum to GE's Conceptual RD/RA Work Plan for Unkamet Brook Area-West (due by March 15, 2010).*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

None

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING FEBRUARY 201(

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Building 130 Laboratory Fume Hoods Sampling	P1-N-D	2/17/10	Solid	SGS	TCLP	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P1ND-PCB	2/19/10	Solid	SGS	PCB	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P1-N-E	2/17/10	Solid	SGS	TCLP	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P1NE-PCB	2/19/10	Solid	SGS	PCB	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P1-S-A	2/17/10	Solid	SGS	TCLP	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P1SA-PCB	2/19/10	Solid	SGS	PCB	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P1-S-B	2/17/10	Solid	SGS	TCLP	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P1SB-PCB	2/19/10	Solid	SGS	PCB	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P1-S-C	2/17/10	Solid	SGS	TCLP	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P1SC-PCB	2/19/10	Solid	SGS	PCB	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P2-N-O	2/17/10	Solid	SGS	TCLP	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P2NO-PCB	2/19/10	Solid	SGS	PCB	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P2-N-P	2/17/10	Solid	SGS	TCLP	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P2NP-PCB	2/19/10	Solid	SGS	PCB	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P2-S-F	2/17/10	Solid	SGS	TCLP	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P2SF-PCB	2/19/10	Solid	SGS	PCB	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P2-S-G	2/17/10	Solid	SGS	TCLP	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P2SG-PCB	2/19/10	Solid	SGS	PCB	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P2-S-H	2/17/10	Solid	SGS	TCLP	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P2SH-PCB	2/19/10	Solid	SGS	PCB	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P2-S-I	2/17/10	Solid	SGS	TCLP	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P2SI-PCB	2/19/10	Solid	SGS	PCB	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P2-S-J	2/17/10	Solid	SGS	TCLP	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P2SJ-PCB	2/19/10	Solid	SGS	PCB	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P2-S-K	2/17/10	Solid	SGS	TCLP	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P2SK-PCB	2/19/10	Solid	SGS	PCB	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P2-S-L	2/17/10	Solid	SGS	TCLP	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P2SL-PCB	2/19/10	Solid	SGS	PCB	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P2-S-M	2/17/10	Solid	SGS	TCLP	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P2SM-PCB	2/19/10	Solid	SGS	PCB	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P2-S-N	2/17/10	Solid	SGS	TCLP	2/23/10
Building 130 Laboratory Fume Hoods Sampling	P2SN-PCB	2/19/10	Solid	SGS	PCB	2/23/10

TABLE 7-2
PCB DATA RECEIVED DURING FEBRUARY 2010

BUILDING 130 LABORATORY FUME HOODS SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
P1ND-PCB	2/19/2010	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)
P1NE-PCB	2/19/2010	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)
P1SA-PCB	2/19/2010	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)
P1SB-PCB	2/19/2010	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)
P1SC-PCB	2/19/2010	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)
P2NO-PCB	2/19/2010	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)
P2NP-PCB	2/19/2010	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)
P2SF-PCB	2/19/2010	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)
P2SG-PCB	2/19/2010	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)
P2SH-PCB	2/19/2010	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)
P2SI-PCB	2/19/2010	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)
P2SJ-PCB	2/19/2010	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)
P2SK-PCB	2/19/2010	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)
P2SL-PCB	2/19/2010	ND(0.031)	ND(0.031)	ND(0.031)	ND(0.031)	ND(0.031)	ND(0.031)	ND(0.031)	ND(0.031)
P2SM-PCB	2/19/2010	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)
P2SN-PCB	2/19/2010	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)	ND(0.029)

Notes:

1. Samples were collected by Veolia ES Technical Solutions, L.L.C. 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 7-3
TCLP DATA RECEIVED DURING FEBRUARY 2010

BUILDING 130 LABORATORY FUME HOODS SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	P1-N-D 2/17/2010	P1-N-E 2/17/2010	P1-S-A 2/17/2010	P1-S-B 2/17/2010
Volatile Organics					
1,1-Dichloroethene	0.7	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Butanone	200	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
Benzene	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Carbon Tetrachloride	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Chlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Chloroform	6	0.0029 J	0.0060 J	ND(0.010)	ND(0.010)
Tetrachloroethene	0.7	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Trichloroethene	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Vinyl Chloride	0.2	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Semivolatile Organics					
1,4-Dichlorobenzene	7.5	ND(0.0060)	ND(0.0070)	ND(0.0050)	ND(0.0060)
2,4,5-Trichlorophenol	400	ND(0.0060)	ND(0.0070)	ND(0.0050)	ND(0.0060)
2,4,6-Trichlorophenol	2	ND(0.0060)	ND(0.0070)	ND(0.0050)	ND(0.0060)
2,4-Dinitrotoluene	0.13	ND(0.0060)	ND(0.0070)	ND(0.0050)	ND(0.0060)
Cresol	200	ND(0.0060)	ND(0.0070)	0.012	ND(0.0060)
Hexachlorobenzene	0.13	ND(0.0060)	ND(0.0070)	ND(0.0050)	ND(0.0060)
Hexachlorobutadiene	0.5	ND(0.0060)	ND(0.0070)	ND(0.0050)	ND(0.0060)
Hexachloroethane	3	ND(0.0060)	ND(0.0070)	ND(0.0050)	ND(0.0060)
Nitrobenzene	2	ND(0.0060)	ND(0.0070)	ND(0.0050)	ND(0.0060)
Pentachlorophenol	100	ND(0.029)	ND(0.034)	ND(0.027)	ND(0.029)
Pyridine	5	ND(0.0060)	ND(0.0070)	0.0030 J	0.0050 J
Inorganics					
Arsenic	5	ND(0.200)	ND(0.200)	ND(0.200)	0.0563 B
Barium	100	0.548 B	0.689 B	0.566 B	0.556 B
Cadmium	1	0.243	3.91	0.457	0.242
Chromium	5	0.105	0.108	0.104	0.163
Lead	5	0.233	0.346	0.227	0.169
Mercury	0.2	0.0348	ND(0.000570)	ND(0.000570)	ND(0.00570)
Selenium	1	0.0682 B	0.0979 B	0.101 B	0.0787 B
Silver	5	0.0892 B	0.0931 B	0.102	0.0885 B

TABLE 7-3
TCLP DATA RECEIVED DURING FEBRUARY 2010

BUILDING 130 LABORATORY FUME HOODS SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	P1-S-C 2/17/2010	P2-N-O 2/17/2010	P2-N-P 2/17/2010	P2-S-F 2/17/2010
Volatile Organics					
1,1-Dichloroethene	0.7	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Butanone	200	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
Benzene	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Carbon Tetrachloride	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Chlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Chloroform	6	0.011	0.0032 J	ND(0.010)	ND(0.010)
Tetrachloroethene	0.7	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Trichloroethene	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Vinyl Chloride	0.2	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Semivolatile Organics					
1,4-Dichlorobenzene	7.5	ND(0.0060)	ND(0.010)	ND(0.0090)	ND(0.010)
2,4,5-Trichlorophenol	400	ND(0.0060)	ND(0.010)	ND(0.0090)	ND(0.010)
2,4,6-Trichlorophenol	2	ND(0.0060)	ND(0.010)	ND(0.0090)	ND(0.010)
2,4-Dinitrotoluene	0.13	ND(0.0060)	ND(0.010)	ND(0.0090)	ND(0.010)
Cresol	200	ND(0.0060)	ND(0.010)	ND(0.0090)	ND(0.010)
Hexachlorobenzene	0.13	ND(0.0060)	ND(0.010)	ND(0.0090)	ND(0.010)
Hexachlorobutadiene	0.5	ND(0.0060)	ND(0.010)	ND(0.0090)	ND(0.010)
Hexachloroethane	3	ND(0.0060)	ND(0.010)	ND(0.0090)	ND(0.010)
Nitrobenzene	2	ND(0.0060)	ND(0.010)	ND(0.0090)	ND(0.010)
Pentachlorophenol	100	ND(0.030)	ND(0.051)	ND(0.043)	ND(0.050)
Pyridine	5	ND(0.0060)	ND(0.010)	ND(0.0090)	ND(0.010)
Inorganics					
Arsenic	5	ND(0.200)	ND(0.200)	ND(0.200)	ND(0.200)
Barium	100	0.651 B	0.684 B	0.656 B	0.609 B
Cadmium	1	0.286	0.160	0.117	0.644
Chromium	5	0.108	0.109	0.0959 B	0.122
Lead	5	0.143	0.231	0.178	0.206
Mercury	0.2	ND(0.000570)	ND(0.000570)	ND(0.000570)	ND(0.000570)
Selenium	1	0.104 B	0.0805 B	0.0539 B	0.0941 B
Silver	5	0.0902 B	0.0878 B	0.0952 B	0.0907 B

TABLE 7-3
TCLP DATA RECEIVED DURING FEBRUARY 2010

BUILDING 130 LABORATORY FUME HOODS SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	P2-S-G 2/17/2010	P2-S-H 2/17/2010	P2-S-I 2/17/2010	P2-S-J 2/17/2010
Volatile Organics					
1,1-Dichloroethene	0.7	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Butanone	200	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
Benzene	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Carbon Tetrachloride	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Chlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Chloroform	6	ND(0.010)	ND(0.010)	ND(0.010)	0.0097 J
Tetrachloroethene	0.7	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Trichloroethene	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Vinyl Chloride	0.2	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Semivolatile Organics					
1,4-Dichlorobenzene	7.5	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0070)
2,4,5-Trichlorophenol	400	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0070)
2,4,6-Trichlorophenol	2	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0070)
2,4-Dinitrotoluene	0.13	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0070)
Cresol	200	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0070)
Hexachlorobenzene	0.13	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0070)
Hexachlorobutadiene	0.5	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0070)
Hexachloroethane	3	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0070)
Nitrobenzene	2	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0070)
Pentachlorophenol	100	ND(0.026)	ND(0.031)	ND(0.029)	ND(0.034)
Pyridine	5	ND(0.0050)	ND(0.0060)	ND(0.0060)	ND(0.0070)
Inorganics					
Arsenic	5	ND(0.200)	ND(0.200)	ND(0.200)	0.0720 B
Barium	100	0.443 B	0.578 B	0.627 B	0.450 B
Cadmium	1	0.228	0.213	0.429	0.121
Chromium	5	0.126	0.0950 B	0.163	0.110
Lead	5	0.0800 B	0.166	0.250	ND(0.100)
Mercury	0.2	ND(0.000570)	0.0236	ND(0.000570)	ND(0.000570)
Selenium	1	0.0698 B	0.0883 B	0.122 B	0.0715 B
Silver	5	0.0912 B	0.0908 B	0.0921 B	0.0917 B

TABLE 7-3
TCLP DATA RECEIVED DURING FEBRUARY 2010

BUILDING 130 LABORATORY FUME HOODS SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	P2-S-K 2/17/2010	P2-S-L 2/17/2010	P2-S-M 2/17/2010	P2-S-N 2/17/2010
Volatile Organics					
1,1-Dichloroethene	0.7	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Butanone	200	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
Benzene	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Carbon Tetrachloride	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Chlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Chloroform	6	0.0031 J	ND(0.010)	0.0067 J	0.0027 J
Tetrachloroethene	0.7	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Trichloroethene	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Vinyl Chloride	0.2	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Semivolatile Organics					
1,4-Dichlorobenzene	7.5	ND(0.0070)	ND(0.0060)	ND(0.0060)	ND(0.0060)
2,4,5-Trichlorophenol	400	ND(0.0070)	ND(0.0060)	ND(0.0060)	ND(0.0060)
2,4,6-Trichlorophenol	2	ND(0.0070)	ND(0.0060)	ND(0.0060)	ND(0.0060)
2,4-Dinitrotoluene	0.13	ND(0.0070)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Cresol	200	ND(0.0070)	ND(0.0060)	ND(0.0060)	0.0020 J
Hexachlorobenzene	0.13	ND(0.0070)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Hexachlorobutadiene	0.5	ND(0.0070)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Hexachloroethane	3	ND(0.0070)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Nitrobenzene	2	ND(0.0070)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Pentachlorophenol	100	ND(0.036)	ND(0.029)	ND(0.029)	ND(0.028)
Pyridine	5	ND(0.0070)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Inorganics					
Arsenic	5	ND(0.200)	ND(0.200)	ND(0.200)	ND(0.200)
Barium	100	0.598 B	0.605 B	0.608 B	0.570 B
Cadmium	1	0.119	0.177	0.136	0.290
Chromium	5	0.174	0.113	0.110	0.108
Lead	5	0.185	0.142	0.153	0.107
Mercury	0.2	ND(0.000570)	ND(0.000570)	ND(0.000570)	ND(0.000570)
Selenium	1	0.0656 B	0.0529 B	0.0501 B	0.0539 B
Silver	5	0.0909 B	0.0874 B	0.0898 B	0.0895 B

Notes:

1. Samples were collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of TCLP constituents.
2. ND - Analyte was not detected.
3. Shading indicates that value exceeds the TCLP Regulatory Limits.

Data Qualifiers:

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

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

ITEM 12
FORMER OXBOW AREAS J & K
(GECD420)
FEBRUARY 2010

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Although GE has received permission from the owner of Parcel K10-11-5 for access to that property to perform inspections to date, GE still needs a long-term access agreement for that property, and will continue efforts to obtain such an agreement.

f. Proposed/Approved Work Plan Modifications

None

ITEM 13
HOUSATONIC RIVER AREA
UPPER ½ MILE REACH
(GECD800)
FEBRUARY 2010

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

GE submitted a report evaluating the total organic carbon (TOC) content and effectiveness of the isolation layer on the river sediments on March 14, 2007. The Final Completion Report for the Upper ½-Mile Reach Removal Action will be submitted following EPA review and approval of that report.

f. Proposed/Approved Work Plan Modifications

Received conditional approval from EPA for the 2009 Annual Monitoring Report (February 24, 2010).

ITEM 14
HOUSATONIC RIVER AREA
1½ MILE REACH
(GECD820)
FEBRUARY 2010

a. Activities Undertaken/Completed

On GE's behalf, ARCADIS performed one round of water column monitoring at 10 locations along the Housatonic River between Coltsville, MA and Great Barrington, MA, on February 23, 2010. 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 sample collected at Pomeroy Avenue Bridge was also analyzed for volatile suspended solids (VSS). (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 water column monitoring.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

The City of Pittsfield is preparing EREs for a number of riverbank properties in this reach.*

f. Proposed/Approved Work Plan Modifications

None

TABLE 14-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING FEBRUARY 2010

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 ARCADIS
Monthly Water Column Sampling	Location-4	1/21/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	2/4/10
Monthly Water Column Sampling	Location-4	2/23/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-6A	2/23/10	Water	NEA	PCB, TSS, VSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-6A	1/21/10	Water	NEA	PCB, TSS, VSS, POC, Chlorophyll-A	2/4/10

TABLE 14-2
SAMPLE DATA RECEIVED DURING FEBRUARY 2010

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

Sample ID	Location	Date Collected	Aroclor-1016,-1221 -1232, -1242, -1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)	VSS
LOCATION-4	Lyman Street Bridge	01/21/10	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.48	3.30	0.00068	NA
LOCATION-6A	Pomeroy Ave. Bridge	01/21/10	ND(0.00000550)	ND(0.00000550)	ND(0.00000550)	ND(0.00000550)	0.35	2.14	0.00062	ND(0.971)

Notes:

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

ITEM 15
HOUSATONIC RIVER AREA
REST OF THE RIVER
(GECD850)
FEBRUARY 2010

a. Activities Undertaken/Completed

- On GE's behalf, ARCADIS performed one round of water column monitoring at 10 locations along the Housatonic River between Coltsville and Great Barrington, MA, on February 23, 2010. 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 on February 23, 2010 downstream to upstream, from Division Street Bridge (Location 13) to Hubbard Avenue Bridge (Location 1). Composite grab samples were collected at each location sampled and submitted to Northeast Analytical for analysis of PCBs (total), TSS, POC, and chlorophyll-a, as identified in Table 15-1.

- GE conducted discussions with EPA regarding issues involved in GE's dispute (invoked by notice of January 29, 2010) on certain conditions in EPA's January 15, 2010 conditional approval letter for GE's work plan for evaluating additional remedial alternatives as part of the Corrective Measures Study (CMS) process.* GE and EPA did not resolve the disputed issues in those discussions.

b. Sampling/Test Results

See attached tables.

c. Work Plans/Reports/Documents Submitted

- GE submitted to EPA a letter responding to EPA's January 15, 2010 conditional approval letter for GE's work plan for evaluating additional remedial alternatives (February 11, 2010).*

- GE submitted to EPA a *Supplement to Response to EPA's Interim Comments on CMS Report*, addressing habitats, impacts of remedial alternatives, methods for avoiding or minimizing adverse impacts, potential restoration methods, and post-restoration conditions for six example areas identified by EPA (February 12, 2010).*

ITEM 15
(cont'd)
HOUSATONIC RIVER AREA
REST OF THE RIVER
(GECD850)
FEBRUARY 2010

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

- Continue Housatonic River monthly water column monitoring.

- Submit letter to the EPA Region I Director of the Office of Remediation and Restoration requesting him to resolve GE's dispute with respect to certain conditions in EPA's January 15, 2010 conditional approval letter for GE's work plan for evaluating additional remedial alternatives.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

As noted above, GE has invoked dispute resolution with respect to certain conditions in EPA's conditional approval letter for GE's work plan for evaluating additional remedial alternatives.*

f. Proposed/Approved Work Plan Modifications

None

TABLE 15-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING FEBRUARY 2010

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 ARCADIS
Monthly Water Column Sampling	HR-D1 (Location-12)	1/21/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	2/4/10
Monthly Water Column Sampling	HR-D1 (Location-12)	2/23/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-1	2/23/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-1	1/22/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	2/4/10
Monthly Water Column Sampling	Location-10	1/21/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	2/4/10
Monthly Water Column Sampling	Location-10	2/23/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-12	1/21/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	2/4/10
Monthly Water Column Sampling	Location-12	2/23/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-13	2/23/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-13	1/21/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	2/4/10
Monthly Water Column Sampling	Location-2	2/23/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-2	1/21/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	2/4/10
Monthly Water Column Sampling	Location-7	1/21/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	2/4/10
Monthly Water Column Sampling	Location-7	2/23/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-9	2/23/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-9	1/21/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	2/4/10

Note:
1. The parent sample location associated with the field duplicate is presented in parenthesis.

TABLE 15-2
SAMPLE DATA RECEIVED DURING FEBRUARY 2010

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, -1248, -1254	Aroclor 1242	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-1	Hubbard Avenue Bridge	01/22/10	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.43	2.14	0.00041
LOCATION-2	Newell Street Bridge	01/21/10	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.55	2.75	0.00043
LOCATION-7	Holmes Road Bridge	01/21/10	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.36	1.84	0.00091
LOCATION-9	New Lenox Road Bridge	01/21/10	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.32	2.82	0.0011
LOCATION-10	Headwaters of Woods Pond	01/21/10	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.35	2.14	0.00096
LOCATION-12	Schweitzer Bridge	01/21/10 01/21/10	ND(0.0000220) [ND(0.0000220)]	ND(0.0000220) [ND(0.0000220)]	0.0000240 AG [0.0000290 AG]	0.0000240 [0.0000290]	0.40 [0.21]	3.69 [3.40]	0.0015 [0.0015]
LOCATION-13	Division Street Bridge	01/21/10	ND(0.0000220)	0.00015 AD	ND(0.0000220)	0.00015	0.40	2.23	0.0010

Notes:

1. Samples were collected by ARCADIS, 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:

AD - Aroclor 1242 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.

ITEMS 16 & 17
HOUSATONIC RIVER FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1½-MILE REACH (GECD710 AND GECD720)
FEBRUARY 2010

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

a. Activities Undertaken/Completed

Received comments from EPA on draft of the Final Completion Report for Floodplain Non-Residential Properties.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted drafts of Appendices E and I of the Final Completion Report for Floodplain Non-Residential Properties to EPA for review (February 3, 2010).

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

- Submit revised draft and then final version of the Final Completion Report for Floodplain Non-Residential Properties.

- Conduct Pre-Certification Inspection of Floodplain Non-Residential Properties.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

None

ITEM 20
OTHER AREAS
SILVER LAKE AREA
(GECD600)
FEBRUARY 2010

a. Activities Undertaken/Completed

- Collected one round of monthly water column samples from the Silver Lake Outfall on February 23, 2010 as noted in Table 20-1, and obtained gauge reading (see Item 21.a).*

- Sent letters to property owners to request access for remedial action.*

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 discussions with the City, PEDA, EPA, and other relevant parties regarding options for establishing a walking path around the northern and eastern sides of Silver Lake.*

- Submit Addendum to the Final RD/RA Work Plan for Silver Lake Area.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Issues relating to potential approaches for establishing a walking path around the northern and eastern sides of Silver Lake are under discussion with the City, PEDA, EPA, and other relevant parties.*

f. Proposed/Approved Work Plan Modifications

None

TABLE 20-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING FEBRUARY 2010

SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Monthly Water Column Sampling	Location-4A	1/21/10	Water	NEA	PCB, TSS	2/4/10
Monthly Water Column Sampling	Location-4A	2/23/10	Water	NEA	PCB, TSS	

TABLE 20-2
SAMPLE DATA RECEIVED DURING FEBRUARY 2010

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, -1248	Aroclor 1221	Aroclor 1242	Aroclor 1254	Aroclor 1260	Total PCBs	TSS
LOCATION-4A	Silver Lake Outlet	1/21/2010	ND(0.0000220)	0.000100 PB	0.0000420 PD	ND(0.0000220)	ND(0.0000220)	0.000142	ND(0.971)

Notes:

1. Sample was collected by ARCADIS, 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:

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.
PD - Aroclor 1242 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1242 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)
FEBRUARY 2010

*** 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/recovery activities
- Conducted well maintenance and repair activities.

East Street Area 1-North and South:

- Continued automated groundwater and NAPL pumping at North Side and South Side Caissons. No LNAPL was removed from the North Side or South Side Caissons in February.
- Continued routine well monitoring and manual NAPL removal activities. No LNAPL was removed from this area during February.

East Street Area 2-South:

- Continued automated groundwater and LNAPL removal activities. A total of approximately 4,164,671 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 731 gallons of LNAPL were removed from pumping systems 64R, 64V, GMA1-17W, RW-1(S), RW-1(X), RW-4, 64X, and 64S Caisson.
- Continued automated DNAPL removal activities. Approximately 21 gallons of DNAPL were removed from pumping system RW-3(X) during February.
- Continued routine well monitoring and manual NAPL removal activities. Approximately 14.157 liters (3.735 gallons) of LNAPL were removed from wells in this area during February. Approximately 1.727 liters (0.456 gallon) of DNAPL were removed from wells in this area during February.
- Treated/discharged 3,869,957 gallons of water through Building 64G Groundwater Treatment Facility.

East Street Area 2-North:

- Continued well monitoring and NAPL removal activities. No LNAPL was removed from wells in this area in February.

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
FEBRUARY 2010

a. Activities Undertaken/Completed (cont'd)

20s, 30s, and 40s Complexes:

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

Lyman Street Area:

- Continued automated groundwater and NAPL removal activities. A total of approximately 141,012 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 February.

- Continued routine well monitoring and NAPL removal activities. No LNAPL was removed from wells in this area during February. Approximately 1.079 liter (0.285 gallon) of DNAPL was removed from wells in this area during February.

Newell Street Area II:

- Continued automated DNAPL removal activities. No DNAPL was removed by System 2 in February.

- Continued routine well monitoring and NAPL removal activities. No LNAPL was removed from wells in this area during February. Approximately 1.073 liter (0.283 gallon) of DNAPL was recovered from wells in this area during February.

Newell Street Area I:

None

Silver Lake Area:

- Continued routine monitoring of lake level.

- Obtained gauge reading for flow calculation.

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
FEBRUARY 2010

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted Proposed Evaluation of Additional Recovery Measure – 60s Complex (February 5, 2010).

- Submitted Fall 2009 NAPL Monitoring Report (February 26, 2010).

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

- Continue routine groundwater and NAPL monitoring/recovery activities.

- Conduct Spring 2010 bailing round.

- Conduct Spring 2010 interim groundwater sampling event.

- Conduct Spring 2010 groundwater elevation and NAPL monitoring event.

- Install and develop monitoring wells A7-RR (replacement for well A7-R), ES1-13R (replacement for well ESA1N-52 for groundwater sampling purposes), and RF-3S (replacement for shallow monitoring well RF-3 paired with deep well RF-3D).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

Additional GMA 1 monitoring program modifications proposed in the January 8, 2010 Addendum to Proposal to Remove/Replace Monitoring Wells at 20s and 30s Complexes, the January 29, 2010 Groundwater Quality Monitoring Interim Report for Fall 2009, the February 5 Proposed Evaluation of Additional Recovery Measures – 60s Complex, and the February 26, 2010 Fall 2009 NAPL Monitoring Report are awaiting EPA approval.

TABLE 21-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING FEBRUARY 2010

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Purge Water Drum Sampling	B2796-1	1/15/10	Water	SGS	PCB, VOC, SVOC, Total RCRA 8 Metals	2/1/10

TABLE 21-2
DATA RECEIVED DURING FEBRUARY 2010

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

Parameter / Sample ID: / Date Collected:	B2796-1 01/15/10
Volatile Organics	
None Detected	--
PCBs-Unfiltered	
None Detected	--
Semivolatile Organics	
None Detected	--
Inorganics-Unfiltered	
Barium	0.0228 B

Notes:

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

Data Qualifiers:

Inorganics

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

TABLE 21-3
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
February 2010

Caisson	Month	Vol. LNAPL Collected (gallon)	Vol. Water Recovered (gallon)	Percent Downtime
Northside	February 2009	0.0	21,743	
	March 2009	0.0	34,488	
	April 2009	0.0	26,418	
	May 2009	0.0	19,474	
	June 2009	0.0	29,333	
	July 2009	0.0	32,713	
	August 2009	0.0	43,701	
	September 2009	0.0	33,595	
	October 2009	0.0	16,576	0.5
	November 2009	0.0	12,980	10.34
	December 2009	0.0	30,066	
	January 2010	0.0	11,050	
	February 2010	0.0	7,550	
Southside	February 2009	0.0	64,600	
	March 2009	0.0	88,480	
	April 2009	0.0	72,050	
	May 2009	0.0	79,300	
	June 2009	0.0	61,300	13.79
	July 2009	0.0	98,150	
	August 2009	0.0	110,830	10.34
	September 2009	0.0	88,770	
	October 2009	7.7	93,810	0.50
	November 2009	2.0	79,630	
	December 2009	0.5	93,900	
	January 2010	0.0	66,580	
	February 2010	0.0	60,940	

Note:
1. Northside Caisson flow meter replaced and intialized in January 2010.

TABLE 21-4
ROUTINE WELL MONITORING
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
February 2010

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA 1 - East Street Area 1 - North									
North Caisson	997.84	2/3/2010	17.42	17.40	0.02	---	19.80	0.00	980.44
North Caisson	997.84	2/10/2010	16.51	16.50	0.01	---	19.80	0.00	981.34
North Caisson	997.84	2/18/2010	16.70	16.69	0.01	---	19.80	0.00	981.15
North Caisson	997.84	2/23/2010	16.95	16.94	0.01	---	19.80	0.00	980.90
GMA 1 - East Street Area 1 - South									
31R	1,000.23	2/4/2010	9.52	---	0.00	---	14.95	0.00	990.71
33	999.50	2/4/2010	7.05	---	0.00	---	21.66	0.00	992.45
34	999.90	2/4/2010	6.54	---	0.00	---	21.84	0.00	993.36
72	1,000.62	2/4/2010	7.56	---	0.00	---	22.74	0.00	993.06
72R	1,000.92	2/4/2010	6.90	---	0.00	---	13.07	0.00	994.02
South Caisson	1,001.11	2/3/2010	13.80	13.77	0.03	---	15.00	0.00	987.34
South Caisson	1,001.11	2/10/2010	13.78	13.75	0.03	---	15.00	0.00	987.36
South Caisson	1,001.11	2/18/2010	13.78	13.77	0.01	---	15.00	0.00	987.34
South Caisson	1,001.11	2/23/2010	13.78	13.76	0.02	---	15.00	0.00	987.35

Notes:

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

TABLE 21-5
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
February 2010

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
17W	February 2009	4		
	March 2009	14		
	April 2009	3		
	May 2009	4		
	June 2009	19		
	July 2009	12		
	August 2009	1		
	September 2009	0		
	October 2009	2		0.50
	November 2009	1		20.69
	December 2009	4		
	January 2010	4		
	February 2010	8		
64R	February 2009	400	478,387	
	March 2009	12	656,208	
	April 2009	275	854,416	
	May 2009	100	441,104	
	June 2009	37	553,172	
	July 2009	563	1,297,509	
	August 2009	63	1,108,108	
	September 2009	288	1,048,993	
	October 2009	150	721,066	0.50
	November 2009	68	299,558	
	December 2009	63	482,506	
	January 2010	28	324,800	
	February 2010	10	207,185	
64S System	February 2009	97	425,729	
	March 2009	420	1,006,322	
	April 2009	587	922,800	
	May 2009	440	708,357	
	June 2009	325	798,831	
	July 2009	514	1,274,020	
	August 2009	996	1,734,093	
	September 2009	738	1,225,005	
	October 2009	575	859,442	0.50
	November 2009	280	687,847	
	December 2009	302	867,002	
	January 2010	331	617,910	
	February 2010	175	562,253	
64V	February 2009	233	809,100	
	March 2009	483	1,053,600	
	April 2009	558	919,500	
	May 2009	324	786,200	
	June 2009	280	672,200	3.45
	July 2009	353	997,000	5.71
	August 2009	586	1,077,000	
	September 2009	461	985,700	3.09
	October 2009	251	1,002,500	6.00
	November 2009	627	770,100	
	December 2009	665	916,300	
	January 2010	484	831,500	
	February 2010	494	814,400	

TABLE 21-5
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
February 2010

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64X	February 2009	8	403,200	
	March 2009	32	489,600	
	April 2009	27	417,600	
	May 2009	10	403,200	
	June 2009	28	417,600	
	July 2009	96	504,000	
	August 2009	53	417,600	
	September 2009	10	388,800	
	October 2009	59	504,000	0.50
	November 2009	12	417,600	
	December 2009	16	489,600	
	January 2010	23	403,200	
	February 2010	12	388,800	
RW-2(X)	February 2009	0	1,410,370	
	March 2009	0	1,820,529	
	April 2009	0	1,533,951	
	May 2009	0	1,423,182	
	June 2009	0	903,049	
	July 2009	0	1,130,435	
	August 2009	0	948,470	
	September 2009	0	929,339	
	October 2009	0	1,101,472	0.50
	November 2009	0	771,940	
	December 2009	0	810,061	
	January 2010	0	568,504	
	February 2010	0	529,773	
RW-1(S) [1]	February 2009	25	513,038	
	March 2009	29	686,979	
	April 2009	33	667,846	
	May 2009	35	560,861	
	June 2009	30	587,829	
	July 2009	49	802,636	
	August 2009	28	823,517	
	September 2009	50	713,005	
	October 2009	45	673,856	0.50
	November 2009	60	559,420	
	December 2009	69	624,919	
	January 2010	50	495,015	
	February 2010	32	454,396	
RW-1(X)	February 2009	0	350,537	
	March 2009	3	397,405	1.96
	April 2009	0	373,843	
	May 2009	0	438,461	
	June 2009	0	438,887	
	July 2009	0	482,508	
	August 2009	5	378,605	
	September 2009	4.5	325,513	
	October 2009	18	380,238	4.76
	November 2009	0	280,351	
	December 2009	0	318,690	
	January 2010	0	353,734	
	February 2010	0	266,084	

TABLE 21-5
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
February 2010

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
RW-4	February 2009	0	728,318	0.89
	March 2009	0	1,265,583	
	April 2009	0	1,117,468	
	May 2009	0	927,975	3.42
	June 2009	0	1,090,987	
	July 2009	0	1,289,842	
	August 2009	0	1,020,406	
	September 2009	0	931,479	
	October 2009	0	1,239,302	0.50
	November 2009	0	1,042,797	
	December 2009	0	1,202,356	
	January 2010	0	945,594	
	February 2010	0	941,780	
RW-3(X)	February 2009	19		
	March 2009	23		
	April 2009	19		
	May 2009	14		
	June 2009	16		
	July 2009	30		
	August 2009	20		
	September 2009	15		
	October 2009	21		0.50
	November 2009	20		
	December 2009	94		
	January 2010	35		
	February 2010	21		

Summary of Total Automated Removal		
Water:	**4,164,671**	**Gallons**
LNAPL:	**731**	**Gallons**
DNAPL:	**21**	**Gallons**

Notes:

1. The flow meter at recovery well RW-1(S) was reset in July 2009.

TABLE 21-6
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
February 2010

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	February 2010 Removal (liters)
East Street Area 2 - South						
13	2/3/2010	17.86	17.60	0.26	0.160	**0.160**
25R	2/3/2010	22.20	19.81	2.39	1.474	**1.474**
48	2/3/2010	16.83	15.24	1.59	0.980	**0.980**
55	2/3/2010	12.87	12.55	0.32	0.197	**0.197**
95-04R	2/3/2010	15.03	13.65	1.38	0.851	**0.851**
ES2-15R	2/1/2010	14.44	12.08	2.36	1.458	**6.528**
	2/9/2010	15.18	12.36	2.82	1.742	
	2/15/2010	15.00	12.60	2.40	1.482	
	2/23/2010	15.74	12.75	2.99	1.846	
GMA1-15	2/1/2010	15.87	15.20	0.67	0.414	**2.469**
	2/9/2010	16.52	15.60	0.92	0.568	
	2/15/2010	16.88	15.75	1.13	0.698	
	2/23/2010	17.21	15.93	1.28	0.789	
GMA1-16	2/3/2010	12.66	12.63	0.03	0.018	**0.018**
GMA1-19	2/1/2010	11.34	11.11	0.23	0.142	**1.425**
	2/9/2010	12.11	11.48	0.63	0.389	
	2/15/2010	12.40	11.65	0.75	0.463	
	2/23/2010	12.55	11.85	0.70	0.431	
HR-G2-RW-1	2/3/2010	6.00	5.99	0.01	0.055	**0.055**

Total LNAPL Removal East Street Area 2 - South for February 2010: 14.157 liters
3.735 gallons

Total LNAPL Removal for February 2010: 14.157 liters
3.735 gallons

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

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
February 2010

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	February 2010 Removal (liters)
East Street Area 2 - South						
E2SC-03I	2/3/2010	9.43	39.43	2.80	1.727	**1.727**

Total DNAPL Removal East Street Area 2 - South for February 2010: 1.727 liters
0.456 gallons

Total DNAPL Removal for February 2010: 1.727 liters
0.456 gallons

Note:
1. ft BMP - feet Below Measuring Point

TABLE 21-8
64G TREATMENT PLANT DISCHARGE DATA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
February 2010

Date	Housatonic River Discharge (gallons)	Recharge Pond Discharge (gallons)	Total Discharge (gallons)
February 2009	4,388,520	138,228	4,526,748
March 2009	5,982,560	111,398	6,093,958
April 2009	6,207,550	184,769	6,392,319
May 2009	5,293,540	262,758	5,556,298
June 2009	5,683,980	175,881	5,859,861
July 2009	6,568,360	190,145	6,758,505
August 2009	8,002,460	137,068	8,139,528
September 2009	6,599,690	205,121	6,804,811
October 2009	5,169,470	198,300	5,367,770
November 2009	4,591,770	154,772	4,746,772
December 2009	4,961,770	140,375	5,102,145
January 2010	4,664,840	114,621	4,799,461
February 2010	3,765,500	104,457	3,869,957

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 21-9
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
February 2010

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
30's Complex									
RF-16R	986.77	2/3/2010	10.70	---	0.00	---	16.76	0.00	976.07
East Street Area 2 - South									
13	990.88	2/3/2010	17.86	17.60	0.26	---	23.02	0.00	973.26
14	991.61	2/3/2010	17.65	---	0.00	---	28.52	0.00	973.96
19	983.59	2/1/2010	11.05	---	0.00	---	17.35	0.00	972.54
19	983.59	2/9/2010	11.42	---	0.00	---	17.30	0.00	972.17
19	983.59	2/15/2010	11.63	---	0.00	---	17.35	0.00	971.96
19	983.59	2/23/2010	11.74	---	0.00	---	17.28	0.00	971.85
25R	998.31	2/3/2010	22.20	19.81	2.39	---	30.62	0.00	978.33
26RR	1,000.58	2/3/2010	21.08	---	0.00	---	28.30	0.00	979.50
30	989.34	2/3/2010	11.62	---	0.00	---	22.50	0.00	977.72
40R	991.60	2/3/2010	DRY				12.55	0.00	< 979.05
48	992.39	2/3/2010	16.83	15.24	1.59	---	22.56	0.00	977.04
49R	988.71	2/3/2010	15.11	---	0.00	---	24.95	0.00	973.60
49RR	989.80	2/3/2010	16.10	---	0.00	---	23.00	0.00	973.70
55	985.97	2/3/2010	12.87	12.55	0.32	---	26.53	0.00	973.40
64R	993.37	2/3/2010	15.81	15.79	0.02	---	20.50	0.00	977.58
64R	993.37	2/10/2010	15.30	15.22	0.08	---	20.50	0.00	978.14
64R	993.37	2/18/2010	15.68	15.67	0.01	---	20.50	0.00	977.70
64R	993.37	2/23/2010	15.84	15.82	0.02	---	20.50	0.00	977.55
64S	984.48	2/3/2010	18.46	---	0.00	---	28.70	0.00	966.02
64S	984.48	2/10/2010	19.40	---	0.00	---	28.70	0.00	965.08
64S	984.48	2/18/2010	19.28	---	0.00	---	28.70	0.00	965.20
64S	984.48	2/23/2010	19.26	---	0.00	---	28.70	0.00	965.22
64S-Caisson	NA	2/3/2010	10.78	10.76	0.02	---	14.55	0.00	NA
64S-Caisson	NA	2/10/2010	10.70	10.69	0.01	---	14.55	0.00	NA
64S-Caisson	NA	2/18/2010	10.59	P	< 0.01	---	14.55	0.00	NA
64S-Caisson	NA	2/23/2010	10.62	10.59	0.03	---	14.55	0.00	NA
64V	987.29	2/3/2010	20.83	20.80	0.03	P	29.60	< 0.01	966.49
64V	987.29	2/10/2010	20.78	20.35	0.43	P	29.60	< 0.01	966.91
64V	987.29	2/18/2010	20.80	20.50	0.30	P	29.60	< 0.01	966.77
64V	987.29	2/23/2010	20.88	20.20	0.68	P	29.60	< 0.01	967.04
64X(N)	984.83	2/3/2010	11.57	11.56	0.01	---	15.85	0.00	973.27
64X(N)	984.83	2/10/2010	11.61	11.60	0.01	---	15.85	0.00	973.23
64X(N)	984.83	2/18/2010	11.85	11.83	0.02	---	15.85	0.00	973.00
64X(N)	984.83	2/23/2010	11.90	11.88	0.02	---	15.85	0.00	972.95
64X(S)	981.56	2/3/2010	15.34	15.30	0.04	---	23.82	0.00	966.26
64X(S)	981.56	2/10/2010	14.89	14.84	0.05	---	23.82	0.00	966.72
64X(S)	981.56	2/18/2010	15.33	15.28	0.05	---	23.82	0.00	966.28
64X(S)	981.56	2/23/2010	15.19	14.99	0.20	---	23.82	0.00	966.56
64X(W)	984.87	2/3/2010	17.86	17.82	0.04	---	24.35	0.00	967.05
64X(W)	984.87	2/10/2010	18.10	18.07	0.03	---	24.35	0.00	966.80
64X(W)	984.87	2/18/2010	18.32	18.29	0.03	---	24.35	0.00	966.58
64X(W)	984.87	2/23/2010	18.28	18.25	0.03	---	24.35	0.00	966.62
95-01	983.49	2/3/2010	10.18	---	0.00	---	16.55	0.00	973.31
95-04R	988.36	2/3/2010	15.03	13.65	1.38	---	21.92	0.00	974.61
3-6C-EB-22	986.94	2/3/2010	13.90	---	0.00	---	20.01	0.00	973.04
E2SC-03I*	982.12	2/3/2010	9.43	---	0.00	39.43	42.23	2.80	972.69
E2SC-23	992.07	2/3/2010	15.95	---	0.00	---	21.15	0.00	976.12
E2SC-24	987.90	2/3/2010	15.20	---	0.00	---	21.62	0.00	972.70
ES2-15R	986.20	2/1/2010	14.44	12.08	2.36	---	19.47	0.00	973.95
ES2-15R	986.20	2/9/2010	15.18	12.36	2.82	---	19.46	0.00	973.64

TABLE 21-9
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
February 2010

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)
ES2-15R	986.20	2/15/2010	15.00	12.60	2.40	---	19.46	0.00	973.43
ES2-15R	986.20	2/23/2010	15.74	12.75	2.99	---	19.47	0.00	973.24
GMA1-14	997.43	2/1/2010	18.12	---	0.00	---	22.56	0.00	979.31
GMA1-14	997.43	2/9/2010	18.44	---	0.00	---	22.58	0.00	978.99
GMA1-14	997.43	2/15/2010	18.53	---	0.00	---	22.56	0.00	978.90
GMA1-14	997.43	2/23/2010	18.81	---	0.00	---	22.56	0.00	978.62
GMA1-15	988.59	2/1/2010	15.87	15.20	0.67	---	17.78	0.00	973.34
GMA1-15	988.59	2/9/2010	16.52	15.60	0.92	---	17.79	0.00	972.93
GMA1-15	988.59	2/15/2010	16.88	15.75	1.13	---	17.78	0.00	972.76
GMA1-15	988.59	2/23/2010	17.21	15.93	1.28	---	17.78	0.00	972.57
GMA1-16	986.82	2/3/2010	12.66	12.63	0.03	---	19.91	0.00	974.19
GMA1-17E	993.03	2/3/2010	15.14	15.04	0.10	---	17.30	0.00	977.98
GMA1-17W	992.63	2/3/2010	16.47	P	< 0.01	---	NM	0.00	976.16
GMA1-17W	992.63	2/10/2010	NM	NM	NM	NM	NM	NM	NM
GMA1-17W	992.63	2/18/2010	NM	NM	NM	NM	NM	NM	NM
GMA1-17W	992.63	2/23/2010	NM	NM	NM	NM	NM	NM	NM
GMA1-19	984.28	2/1/2010	11.34	11.11	0.23	---	17.14	0.00	973.15
GMA1-19	984.28	2/9/2010	12.11	11.48	0.63	---	17.14	0.00	972.76
GMA1-19	984.28	2/15/2010	12.40	11.65	0.75	---	17.14	0.00	972.58
GMA1-19	984.28	2/23/2010	12.55	11.85	0.70	---	17.14	0.00	972.38
GMA1-20	983.49	2/1/2010	10.58	---	0.00	---	17.30	0.00	972.91
GMA1-20	983.49	2/9/2010	10.94	---	0.00	---	17.30	0.00	972.55
GMA1-20	983.49	2/15/2010	11.18	---	0.00	---	17.30	0.00	972.31
GMA1-20	983.49	2/23/2010	11.24	---	0.00	---	17.23	0.00	972.25
GMA1-21	985.68	2/1/2010	12.68	---	0.00	---	19.60	0.00	973.00
GMA1-21	985.68	2/9/2010	12.97	---	0.00	---	19.60	0.00	972.71
GMA1-21	985.68	2/15/2010	13.26	---	0.00	---	19.58	0.00	972.42
GMA1-21	985.68	2/23/2010	13.34	---	0.00	---	19.59	0.00	972.34
GMA1-22	988.45	2/1/2010	14.85	---	0.00	---	19.15	0.00	973.60
GMA1-22	988.45	2/9/2010	15.28	---	0.00	---	19.15	0.00	973.17
GMA1-22	988.45	2/15/2010	15.50	---	0.00	---	19.15	0.00	972.95
GMA1-22	988.45	2/23/2010	15.68	---	0.00	---	19.14	0.00	972.77
GMA1-23	986.16	2/1/2010	12.76	---	0.00	---	17.26	0.00	973.40
GMA1-23	986.16	2/9/2010	13.50	---	0.00	---	17.24	0.00	972.66
GMA1-23	986.16	2/15/2010	13.36	---	0.00	---	17.25	0.00	972.80
GMA1-23	986.16	2/23/2010	13.52	---	0.00	---	17.25	0.00	972.64
GMA1-24	983.81	2/1/2010	10.93	---	0.00	---	15.86	0.00	972.88
GMA1-24	983.81	2/9/2010	11.34	---	0.00	---	15.86	0.00	972.47
GMA1-24	983.81	2/15/2010	11.55	---	0.00	---	15.86	0.00	972.26
GMA1-24	983.81	2/23/2010	11.62	---	0.00	---	15.85	0.00	972.19
HR-G2-MW-1	982.60	2/3/2010	10.58	---	0.00	---	18.23	0.00	972.02
HR-G2-MW-2	981.39	2/3/2010	8.39	---	0.00	---	17.67	0.00	973.00
HR-G2-MW-3	987.14	2/3/2010	14.52	---	0.00	---	21.98	0.00	972.62
HR-G2-RW-1	976.88	2/3/2010	6.00	5.99	0.01	---	18.69	0.00	972.41
RW-1(S)	987.23	2/3/2010	17.84	17.79	0.05	---	28.60	0.00	969.44
RW-1(S)	987.23	2/10/2010	18.14	18.12	0.02	---	28.60	0.00	969.11
RW-1(S)	987.23	2/18/2010	17.51	17.30	0.21	---	28.60	0.00	969.92
RW-1(S)	987.23	2/23/2010	17.88	17.80	0.08	---	28.60	0.00	969.42
RW-1(X)	982.68	2/3/2010	14.63	14.60	0.03	---	20.80	0.00	968.08
RW-1(X)	982.68	2/10/2010	13.58	13.56	0.02	---	20.80	0.00	969.12
RW-1(X)	982.68	2/18/2010	13.88	13.74	0.14	---	20.80	0.00	968.93
RW-1(X)	982.68	2/23/2010	13.88	13.75	0.13	---	20.80	0.00	968.92
RW-2(X)	985.96	2/3/2010	14.98	---	0.00	---	22.80	0.00	970.98

TABLE 21-9
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
February 2010

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
RW-2(X)	985.96	2/10/2010	15.20	---	0.00	---	22.80	0.00	970.76
RW-2(X)	985.96	2/18/2010	13.40	---	0.00	---	22.80	0.00	972.56
RW-2(X)	985.96	2/23/2010	13.50	---	0.00	---	22.80	0.00	972.46
RW-3(X)	980.28	2/3/2010	8.54	---	0.00	P	44.40	< 0.01	971.74
RW-3(X)	980.28	2/10/2010	8.76	---	0.00	44.35	44.40	0.05	971.52
RW-3(X)	980.28	2/18/2010	7.98	---	0.00	44.30	44.40	0.10	972.30
RW-3(X)	980.28	2/23/2010	8.31	---	0.00	44.29	44.40	0.11	971.97
RW-4	987.44	2/3/2010	19.52	---	0.00	---	29.05	0.00	967.92
RW-4	987.44	2/10/2010	18.84	---	0.00	---	29.05	0.00	968.60
RW-4	987.44	2/18/2010	19.64	---	0.00	---	29.05	0.00	967.80
RW-4	987.44	2/23/2010	19.35	---	0.00	---	29.05	0.00	968.09
Housatonic River									
SG-HR-1	990.73	2/1/2010	19.02	See Note 7 regarding depth to water					971.71
SG-HR-1	990.73	2/9/2010	19.28	See Note 7 regarding depth to water					971.45
SG-HR-1	990.73	2/15/2010	19.60	See Note 7 regarding depth to water					971.13
SG-HR-1	990.73	2/23/2010	19.68	See Note 7 regarding depth to water					971.05

Notes:

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

TABLE 21-10
ACTIVE RECOVERY SYSTEMS MONTHLY SUMMARY
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
February 2010

Month / Year	Volume Water Pumped (gallon)	RW-1R LNAPL Recovered (gallon)	RW-3 LNAPL Recovered (gallon)
February 2008	222,650	--	--
March 2008	268,237	1	--
April 2008	374,027	--	10
May 2008	231,623	--	15
June 2008	172,407	--	--
July 2008	199,259	--	--
August 2008	145,363	--	--
September 2008	143,958	--	--
October 2008	169,967	--	--
November 2008	170,210	--	--
December 2008	296,823	--	--
January 2009	210,215	--	2
February 2009	157,613	--	--
March 2009	239,619	--	--
April 2009	224,069	--	--
May 2009	169,454	--	--
June 2009	177,905	--	5
July 2009	235,443	--	--
August 2009	226,534	--	--
September 2009	167,725	--	--
October 2009	175,748	--	--
November 2009	181,566	--	--
December 2009	206,089	--	5
January 2010	149,663	--	--
February 2010	141,012	--	--

Notes:
1. Volume of water pumped is total from Wells RW-1R, RW-2, and RW-3.
2. -- indicates LNAPL was not recovered by the system.
3. LNAPL removal volumes at RW-3 for January and June 2009 were revised based on a review of the Veolia data.

TABLE 21-11
MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
February 2010

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	February 2010 Removal (liters)
LSSC-07	2/1/2010	10.60	24.90	0.18	0.111	**0.611**
	2/2/2010	10.60	24.90	0.18	0.111	
	2/9/2010	10.89	24.85	0.23	0.142	
	2/15/2010	11.05	24.87	0.21	0.130	
	2/23/2010	11.11	24.89	0.19	0.117	
LSSC-08I	2/15/2010	12.52	23.25	0.01	0.006	**0.006**
LSSC-16I	2/2/2010	8.95	27.80	0.75	0.462	**0.462**

Total Manual DNAPL Removal for February 2010: 1.079 liters
0.285 gallons

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

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
February 2010

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	2/2/2010	12.12	---	0.00	---	22.64	0.00	970.92
LS-24	986.58	2/2/2010	17.71	---	0.00	---	19.40	0.00	968.87
LS-30	986.44	2/2/2010	15.15	---	0.00	23.70	23.94	0.24	971.29
LS-31	987.09	2/2/2010	15.60	---	0.00	25.17	25.45	0.28	971.49
LS-38	986.95	2/2/2010	16.28	---	0.00	---	26.07	0.00	970.67
LS-38S	987.82	2/2/2010	16.30	---	0.00	---	18.10	0.00	971.52
LS-44	980.78	2/2/2010	10.20	---	0.00	---	25.62	0.00	970.58
LSSC-07	982.48	2/1/2010	10.60	---	0.00	24.90	25.08	0.18	971.88
LSSC-07	982.48	2/2/2010	10.60	---	0.00	24.90	25.08	0.18	971.88
LSSC-07	982.48	2/9/2010	10.89	---	0.00	24.85	25.08	0.23	971.59
LSSC-07	982.48	2/15/2010	11.05	---	0.00	24.87	25.08	0.21	971.43
LSSC-07	982.48	2/23/2010	11.11	---	0.00	24.89	25.08	0.19	971.37
LSSC-08I	983.13	2/1/2010	12.10	---	0.00	---	23.25	0.00	971.03
LSSC-08I	983.13	2/2/2010	12.10	---	0.00	---	23.25	0.00	971.03
LSSC-08I	983.13	2/9/2010	12.35	---	0.00	---	23.25	0.00	970.78
LSSC-08I	983.13	2/15/2010	12.52	---	0.00	23.25	23.26	0.01	970.61
LSSC-08I	983.13	2/23/2010	12.60	---	0.00	---	23.25	0.00	970.53
LSSC-08S	983.11	2/2/2010	12.28	---	0.00	---	14.68	0.00	970.83
LSSC-16I	980.88	2/2/2010	8.95	---	0.00	27.80	28.55	0.75	971.93
LSSC-18	987.32	2/2/2010	18.12	---	0.00	---	22.50	0.00	969.20
LSSC-32	980.68	2/2/2010	9.15	---	0.00	---	35.24	0.00	971.53
LSSC-33	980.49	2/2/2010	8.84	---	0.00	---	29.02	0.00	971.65
RW-1 (R)	985.07	2/3/2010	17.15	P	< 0.01	---	21.65	0.00	967.92
RW-1 (R)	985.07	2/10/2010	17.51	P	< 0.01	---	21.65	0.00	967.56
RW-1 (R)	985.07	2/18/2010	17.52	P	< 0.01	---	21.65	0.00	967.55
RW-1 (R)	985.07	2/23/2010	17.48	P	< 0.01	---	21.65	0.00	967.59
RW-2	985.92	2/3/2010	17.87	---	0.00	---	24.70	0.00	968.05
RW-2	985.92	2/10/2010	18.20	---	0.00	---	24.70	0.00	967.72
RW-2	985.92	2/18/2010	18.32	---	0.00	---	24.70	0.00	967.60
RW-2	985.92	2/23/2010	18.10	---	0.00	---	24.70	0.00	967.82
RW-3	984.08	2/3/2010	14.55	14.40	0.15	---	22.70	0.00	969.67
RW-3	984.08	2/10/2010	15.75	15.60	0.15	---	22.70	0.00	968.47
RW-3	984.08	2/18/2010	15.73	15.54	0.19	---	22.70	0.00	968.53
RW-3	984.08	2/23/2010	15.69	15.47	0.22	---	22.70	0.00	968.59
Housatonic River (Lyman Street Bridge)									
BM-2A	986.32	2/1/2010	16.06	See Note 4 regarding depth to water					970.26
BM-2A	986.32	2/9/2010	15.83	See Note 4 regarding depth to water					970.49
BM-2A	986.32	2/15/2010	16.32	See Note 4 regarding depth to water					970.00
BM-2A	986.32	2/23/2010	16.41	See Note 4 regarding depth to water					969.91

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates NAPL was not present in a measurable quantity.
3. P indicates that NAPL 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 21-13
ACTIVE DNAPL RECOVERY SYSTEMS MONTHLY SUMMARY
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
February 2010

Recovery System	Date	Total Gallons Recovered
System 2(1)	February 2009	16.2
	March 2009	0.0
	April 2009	16.2
	May 2009	16.2
	June 2009	0.0
	July 2009	16.2
	August 2009	113.4
	September 2009	0.0
	October 2009	0.0
	November 2009	0.0
	December 2009	0.0
	January 2010	0.0
	February 2010	0.0
Total Automated DNAPL Removal for February 2010:		0.0

Note:
1. System 2 wells are N2SC-01I(R), N2SC-03I(R), and N2SC-14.

TABLE 21-14
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

CONSENT DECREE MONTHLY STATUS REPORT
GROUNDWATER MANAGEMENT AREA 1 - NEWELL STREET AREA II
MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL
February 2010

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	February 2010 Removal (liters)
N2SC-07	2/8/2010	10.15	35.72	0.13	0.080	**0.080**
N2SC-08	2/8/2010	10.92	39.27	1.61	0.993	**0.993**

Total DNAPL Removal for February 2010: 1.073 liters
0.283 gallons

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

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
February 2010

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
N2SC-01I	984.99	2/8/2010	11.81	---	0.00	37.20	40.30	3.10	973.18
N2SC-01I(R)	984.34	2/3/2010	15.19	---	0.00	41.45	42.60	1.15	969.15
N2SC-01I(R)	984.34	2/10/2010	15.41	---	0.00	41.23	42.60	1.37	968.93
N2SC-01I(R)	984.34	2/18/2010	15.37	NM	NM	41.20	42.60	1.40	968.97
N2SC-01I(R)	984.34	2/23/2010	15.39	NM	NM	41.19	42.60	1.41	968.95
N2SC-02	983.18	2/8/2010	10.90	---	0.00	---	38.16	0.00	972.28
N2SC-03I	982.97	2/8/2010	10.28	---	0.00	36.85	37.64	0.79	972.69
N2SC-03I(R)	985.86	2/3/2010	13.60	---	0.00	39.60	41.10	1.50	972.26
N2SC-03I(R)	985.86	2/10/2010	13.60	---	0.00	39.62	41.10	1.48	972.26
N2SC-03I(R)	985.86	2/18/2010	13.64	NM	NM	39.60	41.10	1.50	972.22
N2SC-03I(R)	985.86	2/23/2010	13.68	NM	NM	39.58	41.10	1.52	972.18
N2SC-07	984.61	2/8/2010	10.15	---	0.00	35.72	35.85	0.13	974.46
N2SC-08	986.07	2/8/2010	10.92	---	0.00	39.27	40.88	1.61	975.15
N2SC-14	986.66	2/3/2010	14.21	---	0.00	38.25	40.00	1.75	972.45
N2SC-14	986.66	2/10/2010	15.75	---	0.00	38.43	40.00	1.57	970.91
N2SC-14	986.66	2/18/2010	15.65	NM	NM	38.42	40.00	1.58	971.01
N2SC-14	986.66	2/23/2010	15.72	NM	NM	38.41	40.00	1.59	970.94

Notes:

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

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
February 2010

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									
BM-SL-5	980.30	2/1/2010	Frozen Gauge						NA
BM-SL-5	980.30	2/9/2010	Frozen Gauge						NA
BM-SL-5	980.30	2/15/2010	Frozen Gauge						NA
BM-SL-5	980.30	2/23/2010	Frozen Gauge						NA

Notes:

1. ft BMP - feet Below Measuring Point.
2. NA = information not available.
3. Survey reference point BM-SL-5 was established on the former Silver Lake staff gauge support structure following destruction of the gauge due to ice. The "Depth to Water" value(s) provided in the above table refer to the vertical distance as measured down from the surveyed reference point to the water surface.
4. Additional groundwater elevation data may also be collected from wells near Silver Lake that are located in the 30s Complex and at the Lyman Street Area. If available, those results are presented in the monitoring tables for those Removal Action Areas.

TABLE 21-17
SILVER LAKE OUTLET CALCULATED DISCHARGE
SILVER LAKE AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
February 2010

Date	Gauge Measurement (ft)	Calculated Flow (cfs)
2/23/2010	3.30	1.13

Notes:

1. Calculated flow estimated using rating curves developed based on measurements taken at the outfall from March 2007 through May 2007 and September 2007.
2. Beginning December 2007, the grate reading is collected as the primary gauge measurement.

ITEM 22
GROUNDWATER MANAGEMENT AREAS
FORMER OXBOWS J & K (GMA 2)
(GECD320)
FEBRUARY 2010

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

a. Activities Undertaken/Completed

- Continued routine river elevation monitoring.
- Continued preparation of Fall 2009 Monitoring Event Evaluation Report.

b. Sampling/Test Results Received

See attached table.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine river elevation monitoring.
- Conduct Spring 2010 groundwater sampling event.
- Conduct Spring 2010 groundwater elevation monitoring event.
- Submit Fall 2009 Monitoring Event Evaluation Report (due to EPA by March 8, 2010 – see Item 22e below).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- GE has received permission from the owner of Parcel K10-11-5 for access to that property to perform the Spring 2010 groundwater sampling event at that property. However, GE still needs a long-term access agreement for that property, and will continue efforts to obtain such an agreement.
- The Fall 2009 Monitoring Event Evaluation Report is scheduled to be submitted within 60 days of receipt of the final laboratory data packages from the fall 2009 sampling event. These data packages were received on January 6, 2010, which would have resulted in a due date of March 7, 2010. However, since that date is a Sunday, the actual due date will be March 8, 2010.

f. Proposed/Approved Work Plan Modifications

None

TABLE 22-1
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 2

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
February 2010

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	2/1/2010	16.81	See Note 2 regarding depth to water					973.01

Notes:

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

ITEM 23
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 2 (GMA 3)
(GECD330)
FEBRUARY 2010

*** 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, including quarterly monitoring round. Approximately 1.9 gallons of LNAPL were removed by the automatic skimmer located in well 51-21, and 5.3 gallons of LNAPL were removed by the automatic skimmer located in well GMA3-17 (see Table 23-1). An additional 4.420 liters (1.166 gallons) of LNAPL were manually removed from the wells in this area during February (see Table 23-2).

- Conducted well maintenance and repair activities.

- Completed preparation of the Fall 2009 Groundwater Quality and NAPL Monitoring Interim Report.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted Fall 2009 Groundwater Quality and NAPL Monitoring Interim Report (February 26, 2010).

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

- Continue routine groundwater and NAPL monitoring/recovery activities.

- Conduct Spring 2010 bailing round.

- Conduct Spring 2010 interim groundwater sampling event.

- Conduct Spring 2010 groundwater elevation and NAPL monitoring event.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

ITEM 23
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 2 (GMA 3)
(GECD330)
FEBRUARY 2010

f. Proposed/Approved Work Plan Modifications

As discussed in the Fall 2009 Groundwater Quality and NAPL Monitoring Interim Report (submitted on February 26, 2010), GE will increase the LNAPL monitoring/manual recovery frequency at well GMA3-10 from weekly to twice per week.

TABLE 23-1
AUTOMATED LNAPL RECOVERY SYSTEMS MONTHLY SUMMARY
GROUNDWATER MANAGEMENT AREA 3

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
February 2010

Recovery Well	Month	Vol. LNAPL Collected (gallons)
51-21	February 2009	1.8
	March 2009	2.7
	April 2009	4.0
	May 2009	3.6
	June 2009	2.1
	July 2009	1.3
	August 2009	1.8
	September 2009	1.9
	October 2009	0.9
	November 2009	1.7
	December 2009	2.6
	January 2010	3
	February 2010	1.9
GMA3-17	February 2009	0.3
	March 2009	0.0
	April 2009	0.6
	May 2009	0.6
	June 2009	2.0
	July 2009	1.9
	August 2009	1.4
	September 2009	1.2
	October 2009	2.6
	November 2009	4.8
	December 2009	4.2
	January 2010	2.8
	February 2010	5.3

TABLE 23-2
MEASUREMENT AND REMOVAL OF RECOVERABLE LNAPL
GROUNDWATER MANAGEMENT AREA 3

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
February 2010

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	February 2010 Removal (liters)
51-08	2/15/2010	11.55	10.90	0.65	0.401	**1.079**
	2/23/2010	12.10	11.00	1.10	0.678	
51-17	2/2/2010	10.89	9.70	1.19	0.734	**0.734**
59-03R	2/2/2010	11.78	11.10	0.68	0.419	**0.419**
GMA3-10	2/1/2010	11.20	10.90	0.30	0.185	**1.061**
	2/9/2010	11.30	10.97	0.33	0.204	
	2/15/2010	11.63	11.10	0.53	0.327	
	2/23/2010	11.81	11.25	0.56	0.345	
GMA3-12	2/15/2010	11.74	11.49	0.25	0.618	**0.618**
GMA3-13	2/1/2010	11.12	11.10	0.02	0.012	**0.450**
	2/9/2010	11.30	11.15	0.15	0.093	
	2/15/2010	11.52	11.30	0.22	0.136	
	2/22/2010	11.75	11.41	0.34	0.209	
UB-PZ-3	2/2/2010	11.92	11.75	0.17	0.059	**0.059**

Total LNAPL Removed for February 2010: 4.420 liters
1.166 gallons

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

TABLE 23-3
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
February 2010

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	996.36	2/2/2010	9.85	9.84	0.01	---	10.46	0.00	986.52
51-06	997.29	2/2/2010	10.38	---	0.00	---	14.29	0.00	986.91
51-07	997.08	2/2/2010	10.50	---	0.00	---	13.02	0.00	986.58
51-08	997.08	2/1/2010	10.66	10.65	0.01	---	14.60	0.00	986.43
51-08	997.08	2/9/2010	10.89	10.80	0.09	---	14.60	0.00	986.27
51-08	997.08	2/15/2010	11.55	10.90	0.65	---	14.60	0.00	986.13
51-08	997.08	2/23/2010	12.10	11.00	1.10	---	14.60	0.00	986.00
51-09	997.66	2/2/2010	10.49	---	0.00	---	14.59	0.00	987.17
51-11	994.37	2/2/2010	8.03	---	0.00	---	13.54	0.00	986.34
51-12	996.55	2/2/2010	7.35	---	0.00	---	13.35	0.00	989.20
51-13	997.28	2/2/2010	10.80	---	0.00	---	13.73	0.00	986.48
51-14	996.64	2/2/2010	10.24	---	0.00	---	14.50	0.00	986.40
51-15	996.43	2/2/2010	9.92	9.90	0.02	---	14.30	0.00	986.53
51-16R	996.39	2/2/2010	9.92	9.90	0.27	---	14.49	0.00	986.72
51-17	996.43	2/2/2010	10.89	9.70	1.19	---	14.50	0.00	986.65
51-18	997.12	2/2/2010	10.70	---	0.00	---	12.58	0.00	986.42
51-19	996.43	2/2/2010	10.26	10.25	0.01	---	14.10	0.00	986.18
51-21	1,001.49	2/3/2010	15.05	P	< 0.01	---	NM	0.00	986.44
51-21	1,001.49	2/10/2010	15.26	15.25	0.01	---	NM	0.00	986.24
51-21	1,001.49	2/18/2010	15.58	P	< 0.01	---	NM	0.00	985.91
51-21	1,001.49	2/23/2010	15.60	15.58	0.02	---	NM	0.00	985.91
59-01	997.52	2/2/2010	11.19	11.00	0.19	---	18.11	0.00	986.51
59-03R	997.64	2/2/2010	11.78	11.10	0.68	---	17.04	0.00	986.49
59-07	997.96	2/2/2010	11.32	11.31	0.01	---	23.50	0.00	986.65
078B-R	988.83	2/2/2010	2.36	---	0.00	---	11.70	0.00	986.47
GMA3-10	997.54	2/1/2010	11.20	10.90	0.30	---	17.70	0.00	986.62
GMA3-10	997.54	2/9/2010	11.30	10.97	0.33	---	17.70	0.00	986.55
GMA3-10	997.54	2/15/2010	11.63	11.10	0.53	---	17.72	0.00	986.40
GMA3-10	997.54	2/23/2010	11.81	11.25	0.56	---	17.71	0.00	986.25
GMA3-11	997.25	2/2/2010	10.28	---	0.00	---	17.90	0.00	986.97
GMA3-12	997.84	2/1/2010	11.37	11.28	0.09	---	21.25	0.00	986.55
GMA3-12	997.84	2/9/2010	11.51	11.36	0.15	---	21.24	0.00	986.47
GMA3-12	997.84	2/15/2010	11.74	11.49	0.25	---	21.25	0.00	986.33
GMA3-12	997.84	2/22/2010	11.79	11.65	0.14	---	21.24	0.00	986.18
GMA3-13	997.73	2/1/2010	11.12	11.10	0.02	---	17.41	0.00	986.63
GMA3-13	997.73	2/9/2010	11.30	11.15	0.15	---	17.36	0.00	986.57
GMA3-13	997.73	2/15/2010	11.52	11.30	0.22	---	17.40	0.00	986.41
GMA3-13	997.73	2/22/2010	11.75	11.41	0.34	---	17.40	0.00	986.30
GMA3-14	997.42	2/2/2010	10.70	---	0.00	---	16.38	0.00	986.72
GMA3-16	989.26	2/2/2010	2.65	---	0.00	---	12.24	0.00	986.61
GMA3-17	1,002.00	2/3/2010	17.10	P	< 0.01	---	NM	0.00	984.90
GMA3-17	1,002.00	2/10/2010	17.18	17.17	0.01	---	NM	0.00	984.83
GMA3-17	1,002.00	2/18/2010	17.35	17.34	0.01	---	NM	0.00	984.66
GMA3-17	1,002.00	2/23/2010	17.46	17.44	0.02	---	NM	0.00	984.56
UB-MW-10	995.99	2/2/2010	9.42	---	0.00	---	14.20	0.00	986.57
UB-PZ-3	998.15	2/2/2010	11.92	11.75	0.17	---	13.45	0.00	986.39

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates NAPL was not present in a measurable quantit
3. NM indicates information not measurec
4. P indicates that NAPL is present at a thickness that is < 0.01 feet, the corresponding thickness is recorded as suc

ITEM 24
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 3 (GMA 4)
(GECD340)
FEBRUARY 2010

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

a. Activities Undertaken/Completed

- Conducted routine groundwater elevation monitoring activities.
- Completed preparation of Fall 2009 Groundwater Quality Monitoring Interim Report.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted Fall 2009 Groundwater Quality Monitoring Interim Report (February 26, 2010).

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

- Continue routine monthly monitoring at well GMA4-3.
- Conduct Spring 2010 interim sampling event.
- Conduct Spring 2010 groundwater elevation monitoring event.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

Modifications to the Interim Monitoring Program were proposed in the Fall 2009 Groundwater Quality Interim Monitoring Report, and will be implemented following EPA approval.

TABLE 24-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING FEBRUARY 2010

GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Purge Water Drum Sampling	B2798-1	1/15/10	Water	SGS	PCB, VOC, SVOC, Total RCRA 8 Metals	2/1/10

TABLE 24-2
DATA RECEIVED DURING FEBRUARY 2010

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

Parameter / Sample ID: / Date Collected:	B2798-1 01/15/10
Volatile Organics	
Bromodichloromethane	0.00016 J
Methylene Chloride	0.00021 J
PCBs-Unfiltered	
None Detected	--
Semivolatile Organics	
None Detected	--
Inorganics-Unfiltered	
Barium	0.00847 B
Chromium	0.00241 B
Selenium	0.00343 B

Notes:

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

Data Qualifiers:

Organics (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
February 2010

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA4-3	1,003.95	2/2/2010	17.45	---	0.00	---	26.30	0.00	986.50

Notes:
1. ft BMP - feet Below Measuring Point.
2. --- indicates NAPL was not present in a measurable quantity.

ITEM 25
GROUNDWATER MANAGEMENT AREAS
FORMER OXBOWS A & C (GMA 5)
(GECD350)
FEBRUARY 2010

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

a. Activities Undertaken/Completed

Completed preparation of Fall 2009 Long-Term Trend Evaluation Report (submitted in place of Fall 2009 Monitoring Event Evaluation Report).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted Fall 2009 Long-Term Trend Evaluation Report (February 15, 2010).

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

- Conduct Spring 2010 long-term groundwater sampling event.
- Conduct Spring 2010 groundwater elevation monitoring event.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

GMA 5 monitoring program modifications proposed in the Fall 2009 Long-Term Trend Evaluation Report are awaiting EPA approval.

ARCADIS

Attachment A

NPDES Sampling Records
and Results – February 2010

TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING FEBRUARY 201(

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
NPDES Sampling	005-1Q2M-1X-GO	2/8/10	Water	Columbia	Oil & Grease	2/18/10
NPDES Sampling	005-1Q2M-2X-GO	2/15/10	Water	Columbia	Oil & Grease	2/25/10
NPDES Sampling	005W-1Q-1X-GO	1/24/10	Water	Columbia	Oil & Grease	2/2/10
NPDES Sampling	005W-1Q-1X-GT	1/24/10	Water	Columbia	TSS	2/2/10
NPDES Sampling	05BW-1Q-1X-GO	1/25/10	Water	Columbia	Oil & Grease	2/2/10
NPDES Sampling	05BW-1Q-1X-GT	1/25/10	Water	Columbia	TSS	2/2/10
NPDES Sampling	06AW-1Q-1X-GO	1/25/10	Water	Columbia	Oil & Grease	2/2/10
NPDES Sampling	06AW-1Q-1X-GT	1/25/10	Water	Columbia	TSS	2/2/10
NPDES Sampling	09B-1Q2M-1X-CP	2/10/10	Water	SGS	PCB	2/16/10
NPDES Sampling	09B-1Q2M-1X-CT	2/10/10	Water	Columbia	TSS	2/22/10
NPDES Sampling	64G-1Q2M-1X-CP	2/8/10	Water	SGS	PCB	2/16/10
NPDES Sampling	64G-1Q2M-1X-CT	2/8/10	Water	Columbia	TSS	2/18/10
NPDES Sampling	64G-1Q2M-1X-GO	2/8/10	Water	Columbia	Oil & Grease	2/18/10
NPDES Sampling	64G-1Q2M-1X-GS	2/8/10	Water	Columbia	SVOC	2/16/10
NPDES Sampling	64G-1Q2M-1X-GV	2/8/10	Water	Columbia	VOC	2/16/10
NPDES Sampling	64G-1Q2M-2X-CP	2/15/10	Water	SGS	PCB	2/19/10
NPDES Sampling	64G-1Q2M-2X-CT	2/15/10	Water	Columbia	TSS	2/25/10
NPDES Sampling	64G-1Q2M-2X-GO	2/15/10	Water	Columbia	Oil & Grease	2/25/10
NPDES Sampling	64G-1Q2M-2X-GS	2/15/10	Water	Columbia	SVOC	2/25/10
NPDES Sampling	64G-1Q2M-2X-GV	2/15/10	Water	Columbia	VOC	2/25/10

TABLE A-2
DATA RECEIVED DURING FEBRUARY 2010

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

Parameter / Sample ID: / Date Collected:	005-1Q2M-1X-GO 02/08/10	005-1Q2M-2X-GO 02/15/10	05BW-1Q-1X-GO 01/25/10	05BW-1Q-1X-GT 01/25/10	005W-1Q-1X-GO 01/24/10	005W-1Q-1X-GT 01/24/10	06AW-1Q-1X-GO 01/25/10
Volatile Organics							
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered							
None Detected	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics							
None Detected	NA	NA	NA	NA	NA	NA	NA
Conventional							
Oil & Grease	ND(4.1)	ND(4.1)	ND(4.1)	NA	ND(4.1)	NA	5.9
Total Suspended Solids	NA	NA	NA	287	NA	ND(1.00)	NA

TABLE A-2
DATA RECEIVED DURING FEBRUARY 2010

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

Parameter / Sample ID: / Date Collected:	06AW-1Q-1X-GT 01/25/10	09B-1Q2M-1X-CP 02/10/10	09B-1Q2M-1X-CT 02/10/10	64G-1Q2M-1X-CP 02/08/10	64G-1Q2M-1X-CT 02/08/10	64G-1Q2M-1X-GO 02/08/10	64G-1Q2M-1X-GS 02/08/10
Volatile Organics							
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered							
None Detected	NA	--	NA	--	NA	NA	NA
Semivolatile Organics							
None Detected	NA	NA	NA	NA	NA	NA	--
Conventional							
Oil & Grease	NA	NA	NA	NA	NA	ND(4.1)	NA
Total Suspended Solids	426	NA	2.30	NA	ND(1.00)	NA	NA

TABLE A-2
DATA RECEIVED DURING FEBRUARY 2010

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

Parameter / Sample ID: / Date Collected:	64G-1Q2M-1X-GV 02/08/10	64G-1Q2M-2X-CP 02/15/10	64G-1Q2M-2X-CT 02/15/10	64G-1Q2M-2X-GO 02/15/10	64G-1Q2M-2X-GS 02/15/10	64G-1Q2M-2X-GV 02/15/10
Volatile Organics						
1,1,1-Trichloroethane	ND(0.0010)	NA	NA	NA	NA	0.00018 J
1,1-Dichloroethane	0.00039 J	NA	NA	NA	NA	0.00041 J
Chloroethane	0.00068 J	NA	NA	NA	NA	0.00082 J
PCBs-Unfiltered						
None Detected	NA	--	NA	NA	NA	NA
Semivolatile Organics						
None Detected	NA	NA	NA	NA	--	NA
Conventional						
Oil & Grease	NA	NA	NA	ND(4.5)	NA	NA
Total Suspended Solids	NA	NA	ND(1.00)	NA	NA	NA

Notes:

1. Samples were collected by General Electric Company, and were submitted to Columbia Analytical Services, Inc. and SGS Environmental Services, Inc. for analysis of volatiles, PCBs, semivolatiles, oil & grease and total suspended solids.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Only those constituents detected in one or more samples are summarized.
5. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles)

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

ARCADIS

Attachment B

NPDES Discharge
Monitoring Reports
January 2010

GE CEP Internal Chain of Custody Form

Pittsfield, MA

NPDES Permit Number: MA0003891

COC# 01-2/8/10

Date: 2-8-10

Sampler: Joseph Hamling, Joseph C. Hamling, JCH

Sampler: Jason Webster, Jason Webster, JW

64G	
Time	7:10 AM
Initials	JW
Eff. Flow (gpm)	118
Eff. Flow (gpd)	152,920
O&G EPA 1664	646-1Q2M-1X-GO
O&G EPA 1664 (A)	646-1Q2M-1X-GOA
TSS 2540D	646-1Q2M-1X-CT
PCB Mod 8082	646-1Q2M-1X-CP
VOC 624	646-1Q2M-1X-GV
SVOC 625	646-1Q2M-1X-GS
Toxicity	—

005	
Time	7:20 AM
Initials	JCH
64G Eff. Flow (gpm)	120 gpm
64T Eff. Flow (gpm)	0 gpm
pH / Temp	7.71 @ 11.5 C
O&G EPA 1664	005-1Q2M-1X-GO
O&G EPA 1664 (A)	005-1Q2M-1X-GOA
TSS 2540D	—
PCB Mod 8082	—

005 Wet	
Time	
Initials	
64G Eff. Flow (gpm)	
64T Eff. Flow (gpm)	
pH / Temp	
O&G EPA 1664	
O&G EPA 1664 (A)	
TSS 2540D	
PCB Mod 8082	

05A Wet	
Time	
Initials	
Eff. Flow (gpm)	
pH / Temp	
O&G EPA 1664	
O&G EPA 1664 (A)	
TSS 2540D	
PCB Mod 8082	

05B Wet	
Time	
Initials	
Eff. Flow (gpm)	
pH / Temp	
O&G EPA 1664	
O&G EPA 1664 (A)	
TSS 2540D	
PCB Mod 8082	

006 Wet	
Time	
Initials	
Eff. Flow (gpm)	
pH / Temp	
O&G EPA 1664	
O&G EPA 1664 (A)	
TSS 2540D	
PCB Mod 8082	

06A Wet	
Time	
Initials	
Eff. Flow (gpm)	
pH / Temp	
O&G EPA 1664	
O&G EPA 1664 (A)	
TSS 2540D	
PCB Mod 8082	

009 Wet	
Time	
Initials	
Eff. Flow (gpm)	
pH / Temp	
O&G EPA 1664	
O&G EPA 1664 (A)	
TSS 2540D	
PCB Mod 8082	

09B	
Time	
Initials	
Eff. Flow (gpm)	
pH / Temp	
O&G EPA 1664	
O&G EPA 1664 (A)	
TSS 2540D	
PCB Mod 8082	

Tox Dilution Water	C. Tox Dilution Water Housatonic River Hinsdale, Ma
	Time
	Initials
	Sample ID
	pH

Comments:

GE CEP Internal Chain of Custody Form

Pittsfield, MA

NPDES Permit Number: MA0003891

COC# 01-2/15/10

Date: 2/15/10

Sampler: Jason Webster JW

Sampler: Kevin Bossennault

64G

Time	7:00 am
Initials	KB
Eff. Flow (gpm)	108
Eff. Flow (gpd)	138,500
O&G EPA 1664	64G-1Q2M-2X-GO
O&G EPA 1664 (A)	64G-1Q2M-2X-GOA
TSS 2540D	64G-1Q2M-2X-GT
PCB Mod 8082	64G-1Q2M-2X-GP
VOC 624	64G-1Q2M-2X-GV
SVOC 625	64G-1Q2M-2X-GS
Toxicity	

005

Time	7:15AM
Initials	JW
64G Eff. Flow (gpm)	108
64T Eff. Flow (gpm)	0
pH / Temp	7.58 @ 12.4°C
O&G EPA 1664	005-1Q2M-2X-GO
O&G EPA 1664 (A)	005-1Q2M-2X-GOA
TSS 2540D	—
PCB Mod 8082	—

005 Wet

Time	
Initials	
64G Eff. Flow (gpm)	
64T Eff. Flow (gpm)	
pH / Temp	
O&G EPA 1664	
O&G EPA 1664 (A)	
TSS 2540D	
PCB Mod 8082	

05A Wet

Time	
Initials	
Eff. Flow (gpm)	
pH / Temp	
O&G EPA 1664	
O&G EPA 1664 (A)	
TSS 2540D	
PCB Mod 8082	

05B Wet

Time	
Initials	
Eff. Flow (gpm)	
pH / Temp	
O&G EPA 1664	
O&G EPA 1664 (A)	
TSS 2540D	
PCB Mod 8082	

006 Wet

Time	
Initials	
Eff. Flow (gpm)	
pH / Temp	
O&G EPA 1664	
O&G EPA 1664 (A)	
TSS 2540D	
PCB Mod 8082	

06A Wet

Time	
Initials	
Eff. Flow (gpm)	
pH / Temp	
O&G EPA 1664	
O&G EPA 1664 (A)	
TSS 2540D	
PCB Mod 8082	

009 Wet

Time	
Initials	
Eff. Flow (gpm)	
pH / Temp	
O&G EPA 1664	
O&G EPA 1664 (A)	
TSS 2540D	
PCB Mod 8082	

09B

Time	
Initials	
Eff. Flow (gpm)	
pH / Temp	
O&G EPA 1664	
O&G EPA 1664 (A)	
TSS 2540D	
PCB Mod 8082	

Tox Dilution Water

C. Tox Dilution Water

Housatonic River

Hinsdale, Ma

Time	
Initials	
Sample ID	
pH	

Comments:

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 159 PLASTICS AVE
PITTSFIELD, MA 01201

FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 159 PLASTICS AVE
PITTSFIELD, MA 01201

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	64G-A
PERMIT NUMBER	**DISCHARGE NUMBER**

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	01/01/2010	TO	01/31/2010

DMR Mailing ZIP CODE: 01201
MAJOR
(SUBR W)
64G INTERNAL THROUGH 005
Internal Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	7.20	******	7.40	SU	0	WEEKLY	RCORDR
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Twice Every Month	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	******	******	******	0	******	0	mg/L	0	2/MO	COMP24
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Twice Every Month	COMP24
Oil & grease	SAMPLE MEASUREMENT	******	******	******	0	******	0	mg/L	0	2/MO	GRAB
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Twice Every Month	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	******	******	******	0	******	0	ug/L	0	2/MO	COMP24
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	.15 MO AVG	******	Req. Mon. DAILY MX	ug/L		Twice Every Month	COMP24
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.1505	0.1732	MGD	******	******	******	******	0	CONT	RCORDR
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR
Volatile Organic Compound (VOC)	SAMPLE MEASUREMENT	******	******	******	0	******	0	ug/L	0	2/MO	GRAB
51415 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Twice Every Month	GRAB
Volatile fraction organics (EPA 624)	SAMPLE MEASUREMENT	******	******	******	1.100	******	1.140	ug/L	0	2/MO	GRAB
78733 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Twice Every Month	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PROJ.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413) 448-5902		02-24-2010
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

SEE 64GT FOR TOXICITY; FLOW TOTAL SEE FOOTNOTE 4; 51415 IS REPORT SEMI-VOLITILES.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 159 PLASTICS AVE
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FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 159 PLASTICS AVE
PITTSFIELD, MA 01201

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	64G-A
PERMIT NUMBER	**DISCHARGE NUMBER**

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	01/01/2010	**TO**	01/31/2010

DMR Mailing ZIP CODE: 01201
MAJOR
(SUBR W)
64G INTERNAL THROUGH 005
Internal Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Flow, total	SAMPLE MEASUREMENT	0.1569	0.1591	MGD	******	******	******	******	0	CONT	RCORDR
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PROG.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T Carroll	(413) 448-5902		02-24-2010
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

SEE 64GT FOR TOXICITY, FLOW TOTAL SEE FOOTNOTE 4; 51415 IS REPORT SEMI-VOLITILES.

Attachment E - 64G

Date	Weekly Min - pH	Weekly Max - pH	Oil & Grease MG/L	FN	TSS MG/L	FN	PCB UG/L	FN	VOC UG/L	FN	SVOC UG/L	FN	Metered Flow - MGD	Rainfall Total - In	Rainfall Peak - In
01/01/10													0.1653	0.19	0.08
01/02/10													0.1541	0.01	0.01
01/03/10	7.20	7.30											0.1415	0.05	0.00
01/04/10			U4.20	1,G	U1.00	1,C	0	C	1.060	G	0	G	0.1547	0.01	0.01
01/05/10													0.1275	0.00	0.00
01/06/10													0.1394	0.00	0.00
01/07/10													0.1624	0.00	0.00
01/08/10													0.1585	0.00	0.00
01/09/10													0.1553	0.02	0.01
01/10/10	7.20	7.20											0.1385	0.00	0.00
01/11/10			U4.20	1,G	U1.00	1,C	0	C	1.140	G	0	G	0.1591	0.00	0.00
01/12/10													0.1592	0.00	0.00
01/13/10													0.1452	0.00	0.00
01/14/10													0.1318	0.00	0.00
01/15/10													0.1453	0.00	0.00
01/16/10													0.1515	0.00	0.00
01/17/10	7.20	7.30											0.1495	0.00	0.00
01/18/10													0.1588	0.33	0.05
01/19/10													0.1579	0.01	0.01
01/20/10													0.1529	0.12	0.02
01/21/10													0.1446	0.00	0.00
01/22/10													0.1060	0.00	0.00
01/23/10													0.1360	0.00	0.00
01/24/10	7.20	7.30											0.1409	0.00	0.00
01/25/10													0.1413	0.17	0.03
01/26/10													0.1460	1.37	0.34
01/27/10													0.1729	0.00	0.00
01/28/10													0.1732	0.00	0.00
01/29/10													0.1710	0.12	0.04
01/30/10													0.1610	0.00	0.00
01/31/10	7.20	7.40											0.1640	0.00	0.00

FN 1 - (U) Indicates compound analyzed for but not detected
C - Composite sample
G - Grab sample

Columbia Analytical Services™

www.caslab.com

January 20, 2010

Service Request No: R1000163

Mr. Sean Coyle
Veolia Water North America
1000 East Street
Pittsfield, MA 01201

Laboratory Results for: GE -Pittsfield NPDES 1/10

Dear Mr. Coyle:

Enclosed are the results of the sample(s) submitted to our laboratory on January 12, 2010. For your reference, these analyses have been assigned our service request number **R1000163**.

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 131. You may also contact me via email at DPatton@caslab.com.

Respectfully submitted,

Columbia Analytical Services, Inc.

DPatton

Deb Patton
Project Manager

COLUMBIA ANALYTICAL SERVICES, INC.

Client:	GE-Pittsfield	**Service Request No.:**	R1000163
Project:	NPDES –1/10	**Date Received:**	1/12/10
Sample Matrix:	Water		

CASE NARRATIVE

Lab ID	Client ID
R1000163-002	64G-1Q1M-2XGV
R1000163-003	64G-1Q1M-2X-GS
R1000163-005	Trip Blank

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier II. When appropriate to the method, method blank results have been reported with each analytical test.

Sample Receipt

Two water samples and one Trip Blank were received for analysis at Columbia Analytical Services on 1/12/10. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were stored in a refrigerator between 1°C and 6°C upon receipt at the laboratory.

Volatile Organics

Two preserved VOA samples were archived and only the unpreserved portions were analyzed.

Dichlorodifluoromethane was outside of the control limits high on the Laboratory Control Sample and has been flagged with a "*". There were no hits in the sample and no data was affected.

No other analytical or quality control problems were encountered during analysis.

Extractable Organics

The RPD for Benzidine was outside the control limits high and has been flagged with a "*". Both the Laboratory Control Sample and Laboratory Control Sample Duplicate were within limits for the percent recovery. There were no hits in the samples for this compound and no data was affected.

No other analytical or quality control problems were encountered during analysis.

Approved by _____ **Date** 1/20/10

Columbia Analytical Services™

REPORT QUALIFIERS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Pesticide/Aroclors: Concentration >40% (25% for CLP) difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
X	See Case Narrative for discussion.

ACCREDITED IN ACCORDANCE WITH nelac

CAS/Rochester Lab ID # for Massachusetts Certification

M-NY032

Analyses were conducted in accordance with Massachusetts Department of Environmental Protection certification standards, except as noted in the laboratory case narrative provided. A copy of the current Department issued parameter list is included in this report.

The Commonwealth of Massachusetts

Department of Environmental Protection

Division of Environmental Analysis
Senator William X. Wall Experiment Station

certifies

M-NY032

COLUMBIA ANALYTICAL SERVICES
1 MUSTARD ST
SUITE 250
ROCHESTER, NY 14609-0000

Laboratory Director: **Michael K. Perry**

for the analysis of **NON POTABLE WATER (CHEMISTRY)**

pursuant to 310 CMR 42.00

This certificate supersedes all previous Massachusetts certificates issued to this laboratory. The laboratory is regulated by and shall be responsible for being in compliance with Massachusetts regulations at 310 CMR 42.00.

This certificate is valid only when accompanied by the latest dated Certified Parameter List as issued by the Massachusetts D.E.P. Contact the Division of Environmental Analysis to verify the current certification status of the laboratory.

Certification is no guarantee of the validity of the data. This certification is subject to unannounced laboratory inspections.

Issued: **01 JUL 2009**

Expires: **30 JUN 2010**

Oscar C. Parcells

Director, Division of Environmental Analysis

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 01 JUL 2009

M-NY032 COLUMBIA ANALYTICAL SERVICES
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY) **Effective Date** 01 JUL 2009 **Expiration Date** 30 JUN 2010

Analytes	Methods
ALUMINUM	EPA 200.7
ANTIMONY	EPA 200.7
ANTIMONY	EPA 200.8
ARSENIC	EPA 200.7
ARSENIC	EPA 200.8
BERYLLIUM	EPA 200.7
BERYLLIUM	EPA 200.8
CADMIUM	EPA 200.7
CADMIUM	EPA 200.8
CHROMIUM	EPA 200.7
CHROMIUM	EPA 200.8
COBALT	EPA 200.7
COBALT	EPA 200.8
COPPER	EPA 200.7
COPPER	EPA 200.8
IRON	EPA 200.7
LEAD	EPA 200.7
LEAD	EPA 200.8
MANGANESE	EPA 200.7
MANGANESE	EPA 200.8
MERCURY	EPA 245.1
MOLYBDENUM	EPA 200.7
MOLYBDENUM	EPA 200.8
NICKEL	EPA 200.7
NICKEL	EPA 200.8
SELENIUM	EPA 200.7
SELENIUM	EPA 200.8
SILVER	EPA 200.7
SILVER	EPA 200.8
THALLIUM	EPA 200.7
THALLIUM	EPA 200.8
VANADIUM	EPA 200.7
VANADIUM	EPA 200.8
ZINC	EPA 200.7
ZINC	EPA 200.8
PH	SM 4500-H-B
SPECIFIC CONDUCTIVITY	EPA 120.1
TOTAL DISSOLVED SOLIDS	SM 2540C
HARDNESS (CACO3), TOTAL	SM 2340C
CALCIUM	EPA 200.7
MAGNESIUM	EPA 200.7
SODIUM	EPA 200.7
POTASSIUM	EPA 200.7

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 01 JUL 2009

M-NY032 **COLUMBIA ANALYTICAL SERVICES**
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY) **Effective Date** **01 JUL 2009** **Expiration Date** **30 JUN 2010**

Analytes	Methods
ALKALINITY, TOTAL	SM 2320B
CHLORIDE	SM 4500-CL-E
CHLORIDE	EPA 300.0
FLUORIDE	EPA 300.0
SULFATE	EPA 300.0
AMMONIA-N	EPA 350.1
NITRATE-N	EPA 300.0
NITRATE-N	EPA 353.2
KJELDAHL-N	EPA 351.2
ORTHOPHOSPHATE	EPA 365.1
PHOSPHORUS, TOTAL	EPA 365.1
CHEMICAL OXYGEN DEMAND	EPA 410.4
BIOCHEMICAL OXYGEN DEMAND	SM 5210B
TOTAL ORGANIC CARBON	SM 5310C
CYANIDE, TOTAL	EPA 335.4
NON-FILTERABLE RESIDUE	SM 2540D
OIL AND GREASE	EPA 1664
PHENOLICS, TOTAL	EPA 420.4
VOLATILE HALOCARBONS	EPA 601
VOLATILE HALOCARBONS	EPA 624
VOLATILE AROMATICS	EPA 602
VOLATILE AROMATICS	EPA 624
SVOC-ACID EXTRACTABLES	EPA 625
SVOC-BASE/NEUTRAL EXTRACTABLES	EPA 625

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000163
Project:	GE -Pittsfield NPDES 1/10	**Date Collected:**	1/11/10 0700
Sample Matrix:	Water	**Date Received:**	1/12/10
Sample Name:	64G-1Q1M-2X-GV	**Units:**	µg/L
Lab Code:	R1000163-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS with 3 Day Holding Time for Acrolein, Unpreserved

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
1,1,1-Trichloroethane (TCA)	**0.24**	J	1.0	0.18	1	NA	1/13/10 12:24		186146	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	1	NA	1/13/10 12:24		186146	
1,1,2-Trichloroethane	1.0	U	1.0	0.27	1	NA	1/13/10 12:24		186146	
1,1-Dichloroethane (1,1-DCA)	**0.39**	J	1.0	0.23	1	NA	1/13/10 12:24		186146	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	1	NA	1/13/10 12:24		186146	
1,2-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	1/13/10 12:24		186146	
1,2-Dichloroethane	1.0	U	1.0	0.17	1	NA	1/13/10 12:24		186146	
1,2-Dichloropropane	1.0	U	1.0	0.29	1	NA	1/13/10 12:24		186146	
1,3-Dichlorobenzene	1.0	U	1.0	0.16	1	NA	1/13/10 12:24		186146	
1,4-Dichlorobenzene	1.0	U	1.0	0.22	1	NA	1/13/10 12:24		186146	
2-Chloroethyl Vinyl Ether	10	U	10	0.51	1	NA	1/13/10 12:24		186146	
Acrolein	10	U	10	4.2	1	NA	1/13/10 12:24		186146	
Acrylonitrile	10	U	10	1.2	1	NA	1/13/10 12:24		186146	
Benzene	1.0	U	1.0	0.16	1	NA	1/13/10 12:24		186146	
Bromodichloromethane	1.0	U	1.0	0.16	1	NA	1/13/10 12:24		186146	
Bromoform	1.0	U	1.0	0.24	1	NA	1/13/10 12:24		186146	
Bromomethane	1.0	U	1.0	0.33	1	NA	1/13/10 12:24		186146	
Carbon Tetrachloride	1.0	U	1.0	0.23	1	NA	1/13/10 12:24		186146	
Chlorobenzene	1.0	U	1.0	0.21	1	NA	1/13/10 12:24		186146	
Chloroethane	**0.51**	J	1.0	0.30	1	NA	1/13/10 12:24		186146	
Chloroform	1.0	U	1.0	0.17	1	NA	1/13/10 12:24		186146	
Chloromethane	1.0	U	1.0	0.22	1	NA	1/13/10 12:24		186146	
Chlorodibromomethane	1.0	U	1.0	0.29	1	NA	1/13/10 12:24		186146	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.24	1	NA	1/13/10 12:24		186146	
Methylene Chloride	1.0	U	1.0	0.20	1	NA	1/13/10 12:24		186146	
Ethylbenzene	1.0	U	1.0	0.15	1	NA	1/13/10 12:24		186146	
Tetrachloroethene (PCE)	1.0	U	1.0	0.22	1	NA	1/13/10 12:24		186146	
Toluene	1.0	U	1.0	0.16	1	NA	1/13/10 12:24		186146	
Trichloroethene (TCE)	1.0	U	1.0	0.17	1	NA	1/13/10 12:24		186146	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.15	1	NA	1/13/10 12:24		186146	
Vinyl Chloride	1.0	U	1.0	0.25	1	NA	1/13/10 12:24		186146	
cis-1,3-Dichloropropene	1.0	U	1.0	0.19	1	NA	1/13/10 12:24		186146	
trans-1,2-Dichloroethene	1.0	U	1.0	0.28	1	NA	1/13/10 12:24		186146	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000163
Project:	GE -Pittsfield NPDES 1/10	**Date Collected:**	1/11/10 0700
Sample Matrix:	Water	**Date Received:**	1/12/10
Sample Name:	64G-1Q1M-2X-GV	**Units:**	µg/L
Lab Code:	R1000163-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS with 3 Day Holding Time for Acrolein, Unpreserved

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	NA	1/13/10 12:24		186146	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
1,2-Dichloroethane-d4	112	79-123	1/13/10 12:24		
4-Bromofluorobenzene	107	82-117	1/13/10 12:24		
Toluene-d8	112	83-120	1/13/10 12:24		

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000163
Project:	GE -Pittsfield NPDES 1/10	**Date Collected:**	1/11/10
Sample Matrix:	Water	**Date Received:**	1/12/10
		Date Analyzed:	1/13/10 1224

Tentatively Identified Compounds (TIC)
Volatile Organic Compounds by GC/MS with 3 Day Holding Time for Acrolein, Unpreserved

Sample Name:	64G-1Q1M-2X-GV	**Units:**	µg/L
Lab Code:	R1000163-002	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000163
Project:	GE -Pittsfield NPDES 1/10	**Date Collected:**	1/11/10 0700
Sample Matrix:	Water	**Date Received:**	1/12/10
Sample Name:	64G-1Q1M-2X-GS	**Units:**	µg/L
Lab Code:	R1000163-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
1,2,4-Trichlorobenzene	4.8	U	4.8	0.92	1	1/12/10	1/18/10 23:35	104119	186805	
1,2-Diphenylhydrazine	4.8	U	4.8	0.78	1	1/12/10	1/18/10 23:35	104119	186805	
2,4,6-Trichlorophenol	4.8	U	4.8	1.1	1	1/12/10	1/18/10 23:35	104119	186805	
2,4-Dichlorophenol	4.8	U	4.8	0.91	1	1/12/10	1/18/10 23:35	104119	186805	
2,4-Dimethylphenol	4.8	U	4.8	1.2	1	1/12/10	1/18/10 23:35	104119	186805	
2,4-Dinitrophenol	48	U	48	44	1	1/12/10	1/18/10 23:35	104119	186805	
2,4-Dinitrotoluene	4.8	U	4.8	1.3	1	1/12/10	1/18/10 23:35	104119	186805	
2,6-Dinitrotoluene	4.8	U	4.8	1.1	1	1/12/10	1/18/10 23:35	104119	186805	
2-Chloronaphthalene	4.8	U	4.8	0.55	1	1/12/10	1/18/10 23:35	104119	186805	
2-Chlorophenol	4.8	U	4.8	0.77	1	1/12/10	1/18/10 23:35	104119	186805	
2-Nitrophenol	4.8	U	4.8	0.87	1	1/12/10	1/18/10 23:35	104119	186805	
3,3'-Dichlorobenzidine	4.8	U	4.8	1.3	1	1/12/10	1/18/10 23:35	104119	186805	
4,6-Dinitro-2-methylphenol	48	U	48	24	1	1/12/10	1/18/10 23:35	104119	186805	
4-Bromophenyl Phenyl Ether	4.8	U	4.8	1.1	1	1/12/10	1/18/10 23:35	104119	186805	
4-Chloro-3-methylphenol	4.8	U	4.8	0.80	1	1/12/10	1/18/10 23:35	104119	186805	
4-Chlorophenyl Phenyl Ether	4.8	U	4.8	0.77	1	1/12/10	1/18/10 23:35	104119	186805	
4-Nitrophenol	48	U	48	12	1	1/12/10	1/18/10 23:35	104119	186805	
Acenaphthene	4.8	U	4.8	0.84	1	1/12/10	1/18/10 23:35	104119	186805	
Acenaphthylene	4.8	U	4.8	0.73	1	1/12/10	1/18/10 23:35	104119	186805	
Anthracene	4.8	U	4.8	0.59	1	1/12/10	1/18/10 23:35	104119	186805	
Benz(a)anthracene	4.8	U	4.8	0.78	1	1/12/10	1/18/10 23:35	104119	186805	
Benzidine	96	U	96	32	1	1/12/10	1/18/10 23:35	104119	186805	
Benzo(a)pyrene	4.8	U	4.8	0.63	1	1/12/10	1/18/10 23:35	104119	186805	
Benzo(b)fluoranthene	4.8	U	4.8	0.62	1	1/12/10	1/18/10 23:35	104119	186805	
Benzo(g,h,i)perylene	4.8	U	4.8	0.83	1	1/12/10	1/18/10 23:35	104119	186805	
Benzo(k)fluoranthene	4.8	U	4.8	0.96	1	1/12/10	1/18/10 23:35	104119	186805	
2,2'-Oxybis(1-chloropropane)	4.8	U	4.8	0.98	1	1/12/10	1/18/10 23:35	104119	186805	
Bis(2-chloroethoxy)methane	4.8	U	4.8	1.3	1	1/12/10	1/18/10 23:35	104119	186805	
Bis(2-chloroethyl) Ether	4.8	U	4.8	1.2	1	1/12/10	1/18/10 23:35	104119	186805	
Bis(2-ethylhexyl) Phthalate	4.8	U	4.8	1.7	1	1/12/10	1/18/10 23:35	104119	186805	
Butyl Benzyl Phthalate	4.8	U	4.8	0.90	1	1/12/10	1/18/10 23:35	104119	186805	
Chrysene	4.8	U	4.8	1.1	1	1/12/10	1/18/10 23:35	104119	186805	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000163
Project:	GE -Pittsfield NPDES 1/10	**Date Collected:**	1/11/10 0700
Sample Matrix:	Water	**Date Received:**	1/12/10
Sample Name:	64G-1Q1M-2X-GS	**Units:**	µg/L
Lab Code:	R1000163-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
Di-n-butyl Phthalate	4.8	U	4.8	2.1	1	1/12/10	1/18/10 23:35	104119	186805	
Di-n-octyl Phthalate	4.8	U	4.8	0.89	1	1/12/10	1/18/10 23:35	104119	186805	
Dibenz(a,h)anthracene	4.8	U	4.8	0.77	1	1/12/10	1/18/10 23:35	104119	186805	
Diethyl Phthalate	4.8	U	4.8	0.90	1	1/12/10	1/18/10 23:35	104119	186805	
Dimethyl Phthalate	4.8	U	4.8	0.74	1	1/12/10	1/18/10 23:35	104119	186805	
Fluoranthene	4.8	U	4.8	0.72	1	1/12/10	1/18/10 23:35	104119	186805	
Fluorene	4.8	U	4.8	0.76	1	1/12/10	1/18/10 23:35	104119	186805	
Hexachlorobenzene	4.8	U	4.8	0.96	1	1/12/10	1/18/10 23:35	104119	186805	
Hexachlorobutadiene	4.8	U	4.8	0.67	1	1/12/10	1/18/10 23:35	104119	186805	
Hexachlorocyclopentadiene	4.8	U	4.8	0.70	1	1/12/10	1/18/10 23:35	104119	186805	
Hexachloroethane	4.8	U	4.8	0.71	1	1/12/10	1/18/10 23:35	104119	186805	
Indeno(1,2,3-cd)pyrene	4.8	U	4.8	0.65	1	1/12/10	1/18/10 23:35	104119	186805	
Isophorone	4.8	U	4.8	0.96	1	1/12/10	1/18/10 23:35	104119	186805	
N-Nitrosodi-n-propylamine	4.8	U	4.8	1.1	1	1/12/10	1/18/10 23:35	104119	186805	
N-Nitrosodimethylamine	4.8	U	4.8	0.64	1	1/12/10	1/18/10 23:35	104119	186805	
N-Nitrosodiphenylamine	4.8	U	4.8	0.72	1	1/12/10	1/18/10 23:35	104119	186805	
Naphthalene	4.8	U	4.8	0.60	1	1/12/10	1/18/10 23:35	104119	186805	
Nitrobenzene	4.8	U	4.8	0.90	1	1/12/10	1/18/10 23:35	104119	186805	
Pentachlorophenol (PCP)	48	U	48	31	1	1/12/10	1/18/10 23:35	104119	186805	
Phenanthrene	4.8	U	4.8	0.71	1	1/12/10	1/18/10 23:35	104119	186805	
Phenol	4.8	U	4.8	0.55	1	1/12/10	1/18/10 23:35	104119	186805	
Pyrene	4.8	U	4.8	0.84	1	1/12/10	1/18/10 23:35	104119	186805	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
2,4,6-Tribromophenol	84	46-134	1/18/10 23:35		
2-Fluorobiphenyl	65	46-110	1/18/10 23:35		
2-Fluorophenol	37	12-84	1/18/10 23:35		
Nitrobenzene-d5	56	44-117	1/18/10 23:35		
Phenol-d6	24	10-70	1/18/10 23:35		
p-Terphenyl-d14	90	40-133	1/18/10 23:35		

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000163
Project:	GE -Pittsfield NPDES 1/10	**Date Collected:**	1/11/10 0730
Sample Matrix:	Water	**Date Received:**	1/12/10
Sample Name:	TRIP BLANK	**Units:**	µg/L
Lab Code:	R1000163-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS with 3 Day Holding Time for Acrolein, Unpreserved

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.18	1	NA	1/13/10 11:47		186146	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	1	NA	1/13/10 11:47		186146	
1,1,2-Trichloroethane	1.0	U	1.0	0.27	1	NA	1/13/10 11:47		186146	
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.23	1	NA	1/13/10 11:47		186146	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	1	NA	1/13/10 11:47		186146	
1,2-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	1/13/10 11:47		186146	
1,2-Dichloroethane	1.0	U	1.0	0.17	1	NA	1/13/10 11:47		186146	
1,2-Dichloropropane	1.0	U	1.0	0.29	1	NA	1/13/10 11:47		186146	
1,3-Dichlorobenzene	1.0	U	1.0	0.16	1	NA	1/13/10 11:47		186146	
1,4-Dichlorobenzene	1.0	U	1.0	0.22	1	NA	1/13/10 11:47		186146	
2-Chloroethyl Vinyl Ether	10	U	10	0.51	1	NA	1/13/10 11:47		186146	
Acrolein	10	U	10	4.2	1	NA	1/13/10 11:47		186146	
Acrylonitrile	10	U	10	1.2	1	NA	1/13/10 11:47		186146	
Benzene	1.0	U	1.0	0.16	1	NA	1/13/10 11:47		186146	
Bromodichloromethane	1.0	U	1.0	0.16	1	NA	1/13/10 11:47		186146	
Bromoform	1.0	U	1.0	0.24	1	NA	1/13/10 11:47		186146	
Bromomethane	1.0	U	1.0	0.33	1	NA	1/13/10 11:47		186146	
Carbon Tetrachloride	1.0	U	1.0	0.23	1	NA	1/13/10 11:47		186146	
Chlorobenzene	1.0	U	1.0	0.21	1	NA	1/13/10 11:47		186146	
Chloroethane	1.0	U	1.0	0.30	1	NA	1/13/10 11:47		186146	
Chloroform	1.0	U	1.0	0.17	1	NA	1/13/10 11:47		186146	
Chloromethane	1.0	U	1.0	0.22	1	NA	1/13/10 11:47		186146	
Chlorodibromomethane	1.0	U	1.0	0.29	1	NA	1/13/10 11:47		186146	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.24	1	NA	1/13/10 11:47		186146	
Methylene Chloride	**0.23**	J	1.0	0.20	1	NA	1/13/10 11:47		186146	
Ethylbenzene	1.0	U	1.0	0.15	1	NA	1/13/10 11:47		186146	
Tetrachloroethene (PCE)	1.0	U	1.0	0.22	1	NA	1/13/10 11:47		186146	
Toluene	1.0	U	1.0	0.16	1	NA	1/13/10 11:47		186146	
Trichloroethene (TCE)	1.0	U	1.0	0.17	1	NA	1/13/10 11:47		186146	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.15	1	NA	1/13/10 11:47		186146	
Vinyl Chloride	1.0	U	1.0	0.25	1	NA	1/13/10 11:47		186146	
cis-1,3-Dichloropropene	1.0	U	1.0	0.19	1	NA	1/13/10 11:47		186146	
trans-1,2-Dichloroethene	1.0	U	1.0	0.28	1	NA	1/13/10 11:47		186146	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000163
Project:	GE -Pittsfield NPDES 1/10	**Date Collected:**	1/11/10 0730
Sample Matrix:	Water	**Date Received:**	1/12/10
Sample Name:	TRIP BLANK	**Units:**	µg/L
Lab Code:	R1000163-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS with 3 Day Holding Time for Acrolein, Unpreserved

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	NA	1/13/10 11:47		186146	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
1,2-Dichloroethane-d4	111	79-123	1/13/10 11:47		
4-Bromofluorobenzene	104	82-117	1/13/10 11:47		
Toluene-d8	109	83-120	1/13/10 11:47		

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000163
Project:	GE -Pittsfield NPDES 1/10	**Date Collected:**	1/11/10
Sample Matrix:	Water	**Date Received:**	1/12/10
		Date Analyzed:	1/13/10 1147

Tentatively Identified Compounds (TIC)
Volatile Organic Compounds by GC/MS with 3 Day Holding Time for Acrolein, Unpreserved

Sample Name:	TRIP BLANK	**Units:**	µg/L
Lab Code:	R1000163-005	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000163
Project:	GE -Pittsfield NPDES 1/10	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1000211-01	**Basis:**	NA

Volatile Organic Compounds by GC/MS with 3 Day Holding Time for Acrolein, Unpreserved

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.18	1	NA	1/13/10 09:54		186146	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	1	NA	1/13/10 09:54		186146	
1,1,2-Trichloroethane	1.0	U	1.0	0.27	1	NA	1/13/10 09:54		186146	
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.23	1	NA	1/13/10 09:54		186146	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	1	NA	1/13/10 09:54		186146	
1,2-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	1/13/10 09:54		186146	
1,2-Dichloroethane	1.0	U	1.0	0.17	1	NA	1/13/10 09:54		186146	
1,2-Dichloropropane	1.0	U	1.0	0.29	1	NA	1/13/10 09:54		186146	
1,3-Dichlorobenzene	1.0	U	1.0	0.16	1	NA	1/13/10 09:54		186146	
1,4-Dichlorobenzene	1.0	U	1.0	0.22	1	NA	1/13/10 09:54		186146	
2-Chloroethyl Vinyl Ether	10	U	10	0.51	1	NA	1/13/10 09:54		186146	
Acrolein	10	U	10	4.2	1	NA	1/13/10 09:54		186146	
Acrylonitrile	10	U	10	1.2	1	NA	1/13/10 09:54		186146	
Benzene	1.0	U	1.0	0.16	1	NA	1/13/10 09:54		186146	
Bromodichloromethane	1.0	U	1.0	0.16	1	NA	1/13/10 09:54		186146	
Bromoform	1.0	U	1.0	0.24	1	NA	1/13/10 09:54		186146	
Bromomethane	1.0	U	1.0	0.33	1	NA	1/13/10 09:54		186146	
Carbon Tetrachloride	1.0	U	1.0	0.23	1	NA	1/13/10 09:54		186146	
Chlorobenzene	1.0	U	1.0	0.21	1	NA	1/13/10 09:54		186146	
Chloroethane	1.0	U	1.0	0.30	1	NA	1/13/10 09:54		186146	
Chloroform	1.0	U	1.0	0.17	1	NA	1/13/10 09:54		186146	
Chloromethane	1.0	U	1.0	0.22	1	NA	1/13/10 09:54		186146	
Chlorodibromomethane	1.0	U	1.0	0.29	1	NA	1/13/10 09:54		186146	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.24	1	NA	1/13/10 09:54		186146	
Methylene Chloride	1.0	U	1.0	0.20	1	NA	1/13/10 09:54		186146	
Ethylbenzene	1.0	U	1.0	0.15	1	NA	1/13/10 09:54		186146	
Tetrachloroethene (PCE)	1.0	U	1.0	0.22	1	NA	1/13/10 09:54		186146	
Toluene	1.0	U	1.0	0.16	1	NA	1/13/10 09:54		186146	
Trichloroethene (TCE)	1.0	U	1.0	0.17	1	NA	1/13/10 09:54		186146	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.15	1	NA	1/13/10 09:54		186146	
Vinyl Chloride	1.0	U	1.0	0.25	1	NA	1/13/10 09:54		186146	
cis-1,3-Dichloropropene	1.0	U	1.0	0.19	1	NA	1/13/10 09:54		186146	
trans-1,2-Dichloroethene	1.0	U	1.0	0.28	1	NA	1/13/10 09:54		186146	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000163
Project:	GE -Pittsfield NPDES 1/10	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1000211-01	**Basis:**	NA

Volatile Organic Compounds by GC/MS with 3 Day Holding Time for Acrolein, Unpreserved

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	NA	1/13/10 09:54		186146	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
1,2-Dichloroethane-d4	110	79-123	1/13/10 09:54		
4-Bromofluorobenzene	105	82-117	1/13/10 09:54		
Toluene-d8	111	83-120	1/13/10 09:54		

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000163
Project:	GE -Pittsfield NPDES 1/10	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	1/13/10 0954

Tentatively Identified Compounds (TIC)
Volatile Organic Compounds by GC/MS with 3 Day Holding Time for Acrolein, Unpreserved

Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1000211-01	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000163
Project:	GE -Pittsfield NPDES 1/10	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1000193-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
1,2,4-Trichlorobenzene	5.0	U	5.0	0.92	1	1/12/10	1/18/10 13:23	104119	186805	
1,2-Diphenylhydrazine	5.0	U	5.0	0.78	1	1/12/10	1/18/10 13:23	104119	186805	
2,4,6-Trichlorophenol	5.0	U	5.0	1.1	1	1/12/10	1/18/10 13:23	104119	186805	
2,4-Dichlorophenol	5.0	U	5.0	0.91	1	1/12/10	1/18/10 13:23	104119	186805	
2,4-Dimethylphenol	5.0	U	5.0	1.2	1	1/12/10	1/18/10 13:23	104119	186805	
2,4-Dinitrophenol	50	U	50	44	1	1/12/10	1/18/10 13:23	104119	186805	
2,4-Dinitrotoluene	5.0	U	5.0	1.3	1	1/12/10	1/18/10 13:23	104119	186805	
2,6-Dinitrotoluene	5.0	U	5.0	1.1	1	1/12/10	1/18/10 13:23	104119	186805	
2-Chloronaphthalene	5.0	U	5.0	0.55	1	1/12/10	1/18/10 13:23	104119	186805	
2-Chlorophenol	5.0	U	5.0	0.77	1	1/12/10	1/18/10 13:23	104119	186805	
2-Nitrophenol	5.0	U	5.0	0.87	1	1/12/10	1/18/10 13:23	104119	186805	
3,3'-Dichlorobenzidine	5.0	U	5.0	1.3	1	1/12/10	1/18/10 13:23	104119	186805	
4,6-Dinitro-2-methylphenol	50	U	50	24	1	1/12/10	1/18/10 13:23	104119	186805	
4-Bromophenyl Phenyl Ether	5.0	U	5.0	1.1	1	1/12/10	1/18/10 13:23	104119	186805	
4-Chloro-3-methylphenol	5.0	U	5.0	0.80	1	1/12/10	1/18/10 13:23	104119	186805	
4-Chlorophenyl Phenyl Ether	5.0	U	5.0	0.77	1	1/12/10	1/18/10 13:23	104119	186805	
4-Nitrophenol	50	U	50	12	1	1/12/10	1/18/10 13:23	104119	186805	
Acenaphthene	5.0	U	5.0	0.84	1	1/12/10	1/18/10 13:23	104119	186805	
Acenaphthylene	5.0	U	5.0	0.73	1	1/12/10	1/18/10 13:23	104119	186805	
Anthracene	5.0	U	5.0	0.59	1	1/12/10	1/18/10 13:23	104119	186805	
Benz(a)anthracene	5.0	U	5.0	0.78	1	1/12/10	1/18/10 13:23	104119	186805	
Benzidine	100	U	100	32	1	1/12/10	1/18/10 13:23	104119	186805	
Benzo(a)pyrene	5.0	U	5.0	0.63	1	1/12/10	1/18/10 13:23	104119	186805	
Benzo(b)fluoranthene	5.0	U	5.0	0.62	1	1/12/10	1/18/10 13:23	104119	186805	
Benzo(g,h,i)perylene	5.0	U	5.0	0.83	1	1/12/10	1/18/10 13:23	104119	186805	
Benzo(k)fluoranthene	5.0	U	5.0	0.96	1	1/12/10	1/18/10 13:23	104119	186805	
2,2'-Oxybis(1-chloropropane)	5.0	U	5.0	0.98	1	1/12/10	1/18/10 13:23	104119	186805	
Bis(2-chloroethoxy)methane	5.0	U	5.0	1.3	1	1/12/10	1/18/10 13:23	104119	186805	
Bis(2-chloroethyl) Ether	5.0	U	5.0	1.2	1	1/12/10	1/18/10 13:23	104119	186805	
Bis(2-ethylhexyl) Phthalate	5.0	U	5.0	1.7	1	1/12/10	1/18/10 13:23	104119	186805	
Butyl Benzyl Phthalate	5.0	U	5.0	0.90	1	1/12/10	1/18/10 13:23	104119	186805	
Chrysene	5.0	U	5.0	1.1	1	1/12/10	1/18/10 13:23	104119	186805	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000163
Project:	GE -Pittsfield NPDES 1/10	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1000193-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
Di-n-butyl Phthalate	5.0	U	5.0	2.1	1	1/12/10	1/18/10 13:23	104119	186805	
Di-n-octyl Phthalate	5.0	U	5.0	0.89	1	1/12/10	1/18/10 13:23	104119	186805	
Dibenz(a,h)anthracene	5.0	U	5.0	0.77	1	1/12/10	1/18/10 13:23	104119	186805	
Diethyl Phthalate	5.0	U	5.0	0.90	1	1/12/10	1/18/10 13:23	104119	186805	
Dimethyl Phthalate	5.0	U	5.0	0.74	1	1/12/10	1/18/10 13:23	104119	186805	
Fluoranthene	5.0	U	5.0	0.72	1	1/12/10	1/18/10 13:23	104119	186805	
Fluorene	5.0	U	5.0	0.76	1	1/12/10	1/18/10 13:23	104119	186805	
Hexachlorobenzene	5.0	U	5.0	0.96	1	1/12/10	1/18/10 13:23	104119	186805	
Hexachlorobutadiene	5.0	U	5.0	0.67	1	1/12/10	1/18/10 13:23	104119	186805	
Hexachlorocyclopentadiene	5.0	U	5.0	0.70	1	1/12/10	1/18/10 13:23	104119	186805	
Hexachloroethane	5.0	U	5.0	0.71	1	1/12/10	1/18/10 13:23	104119	186805	
Indeno(1,2,3-cd)pyrene	5.0	U	5.0	0.65	1	1/12/10	1/18/10 13:23	104119	186805	
Isophorone	5.0	U	5.0	0.96	1	1/12/10	1/18/10 13:23	104119	186805	
N-Nitrosodi-n-propylamine	5.0	U	5.0	1.1	1	1/12/10	1/18/10 13:23	104119	186805	
N-Nitrosodimethylamine	5.0	U	5.0	0.64	1	1/12/10	1/18/10 13:23	104119	186805	
N-Nitrosodiphenylamine	5.0	U	5.0	0.72	1	1/12/10	1/18/10 13:23	104119	186805	
Naphthalene	5.0	U	5.0	0.60	1	1/12/10	1/18/10 13:23	104119	186805	
Nitrobenzene	5.0	U	5.0	0.90	1	1/12/10	1/18/10 13:23	104119	186805	
Pentachlorophenol (PCP)	50	U	50	31	1	1/12/10	1/18/10 13:23	104119	186805	
Phenanthrene	5.0	U	5.0	0.71	1	1/12/10	1/18/10 13:23	104119	186805	
Phenol	5.0	U	5.0	0.55	1	1/12/10	1/18/10 13:23	104119	186805	
Pyrene	5.0	U	5.0	0.84	1	1/12/10	1/18/10 13:23	104119	186805	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
2,4,6-Tribromophenol	74	46-134	1/18/10 13:23		
2-Fluorobiphenyl	68	46-110	1/18/10 13:23		
2-Fluorophenol	47	12-84	1/18/10 13:23		
Nitrobenzene-d5	66	44-117	1/18/10 13:23		
Phenol-d6	31	10-70	1/18/10 13:23		
p-Terphenyl-d14	87	40-133	1/18/10 13:23		

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: General Electric Company
Project: GE -Pittsfield NPDES 1/10
Sample Matrix: Water

Service Request: R1000163
Date Analyzed: 1/12/10

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS with 3 Day Holding Time for Acrolein, Unpreserved

Analytical Method: 624

Units: µg/L
Basis: NA

Analysis Lot: 186146

Analyte Name	Lab Control Sample RQ1000211-02 Result	Expected	% Rec		% Rec Limits
1,1,1-Trichloroethane (TCA)	**22.2**	20.0	111		52 - 162
1,1,2,2-Tetrachloroethane	**18.9**	20.0	94		46 - 157
1,1,2-Trichloroethane	**18.6**	20.0	93		52 - 150
1,1-Dichloroethane (1,1-DCA)	**22.6**	20.0	113		59 - 155
1,1-Dichloroethene (1,1-DCE)	**21.5**	20.0	107		0 - 234
1,2-Dichlorobenzene	**17.6**	20.0	88		18 - 190
1,2-Dichloroethane	**20.7**	20.0	104		49 - 155
1,2-Dichloropropane	**20.0**	20.0	100		0 - 210
1,3-Dichlorobenzene	**18.3**	20.0	91		59 - 156
1,4-Dichlorobenzene	**18.1**	20.0	91		18 - 190
2-Chloroethyl Vinyl Ether	**20.0**	20.0	100		0 - 305
Acrolein	**65.6**	100	66		10 - 174
Acrylonitrile	**117**	100	117		75 - 123
Benzene	**20.1**	20.0	101		37 - 151
Bromodichloromethane	**19.7**	20.0	99		35 - 155
Bromoform	**17.7**	20.0	88		45 - 169
Bromomethane	**22.4**	20.0	112		0 - 242
Carbon Tetrachloride	**19.5**	20.0	98		70 - 140
Chlorobenzene	**18.6**	20.0	93		37 - 160
Chloroethane	**24.2**	20.0	121		14 - 230
Chloroform	**22.3**	20.0	112		51 - 138
Chloromethane	**27.2**	20.0	136		0 - 273
Chlorodibromomethane	**19.7**	20.0	98		53 - 149
Dichlorodifluoromethane (CFC 12)	**36.7**	20.0	183	*	70 - 130
Methylene Chloride	**20.7**	20.0	103		0 - 221
Ethylbenzene	**19.2**	20.0	96		37 - 162
Tetrachloroethene (PCE)	**18.1**	20.0	91		64 - 148
Toluene	**19.4**	20.0	97		47 - 150
Trichloroethene (TCE)	**18.4**	20.0	92		71 - 157
Trichlorofluoromethane (CFC 11)	**23.7**	20.0	119		17 - 181
Vinyl Chloride	**26.3**	20.0	132		0 - 251
cis-1,3-Dichloropropene	**19.0**	20.0	95		0 - 227
trans-1,2-Dichloroethene	**21.0**	20.0	105		54 - 156
trans-1,3-Dichloropropene	**19.2**	20.0	96		17 - 183

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: General Electric Company
Project: GE -Pittsfield NPDES 1/10
Sample Matrix: Water

Service Request: R1000163
Date Analyzed: 1/18/10

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 104119

	Lab Control Sample RQ1000193-02			Duplicate Lab Control Sample RQ1000193-03			% Rec		RPD
Analyte Name	**Result**	**Expected**	**% Rec**	**Result**	**Expected**	**% Rec**	**Limits**	**RPD**	**Limit**
1,2,4-Trichlorobenzene	**62.2**	100	62	**60.5**	100	60	44 - 142	3	30
1,2-Diphenylhydrazine	**92.2**	100	92	**92.4**	100	92	64 - 114	0	30
2,4,6-Trichlorophenol	**94.7**	100	95	**95.6**	100	96	37 - 144	1	30
2,4-Dichlorophenol	**87.7**	100	88	**88.5**	100	88	39 - 135	1	30
2,4-Dimethylphenol	**65.1**	100	65	**59.6**	100	60	39 - 135	9	30
2,4-Dinitrophenol	**102**	100	102	**102**	100	102	0 - 191	0	30
2,4-Dinitrotoluene	**101**	100	101	**99.0**	100	99	39 - 139	2	30
2,6-Dinitrotoluene	**96.2**	100	96	**95.1**	100	95	50 - 158	1	30
2-Chloronaphthalene	**78.2**	100	78	**74.6**	100	75	60 - 118	5	30
2-Chlorophenol	**79.6**	100	80	**79.8**	100	80	23 - 134	0	30
2-Nitrophenol	**89.6**	100	90	**87.7**	100	88	29 - 182	2	30
3,3'-Dichlorobenzidine	**84.8**	100	85	**85.7**	100	86	0 - 262	1	30
4,6-Dinitro-2-methylphenol	**103**	100	103	**105**	100	105	0 - 181	2	30
4-Bromophenyl Phenyl Ether	**93.6**	100	94	**95.3**	100	95	53 - 127	2	30
4-Chloro-3-methylphenol	**91.9**	100	92	**88.4**	100	88	22 - 147	4	30
4-Chlorophenyl Phenyl Ether	**92.1**	100	92	**90.2**	100	90	25 - 158	2	30
4-Nitrophenol	**44.2**	100	44	**44.9**	100	45	0 - 132	2	30
Acenaphthene	**87.7**	100	88	**86.3**	100	86	47 - 145	2	30
Acenaphthylene	**90.3**	100	90	**89.8**	100	90	33 - 145	1	30
Anthracene	**89.8**	100	90	**90.9**	100	91	27 - 133	1	30
Benz(a)anthracene	**96.4**	100	96	**94.7**	100	95	33 - 143	2	30
Benzidine	**30.9**	100	31	**59.3**	100	59	10 - 110	63 *	30
Benzo(a)pyrene	**85.4**	100	85	**84.7**	100	85	17 - 163	1	30
Benzo(b)fluoranthene	**108**	100	108	**104**	100	104	24 - 159	3	30
Benzo(g,h,i)perylene	**98.0**	100	98	**101**	100	101	0 - 219	3	30
Benzo(k)fluoranthene	**102**	100	102	**99.8**	100	100	11 - 162	2	30
2,2'-Oxybis(1-chloropropane)	**89.9**	100	90	**89.5**	100	89	36 - 166	0	30
Bis(2-chloroethoxy)methane	**111**	100	111	**110**	100	110	33 - 184	0	30
Bis(2-chloroethyl) Ether	**79.4**	100	79	**81.2**	100	81	12 - 158	2	30
Bis(2-ethylhexyl) Phthalate	**97.7**	100	98	**94.4**	100	94	8 - 158	3	30
Butyl Benzyl Phthalate	**96.4**	100	96	**93.5**	100	94	0 - 152	3	30
Chrysene	**95.9**	100	96	**95.1**	100	95	17 - 168	1	30
Di-n-butyl Phthalate	**97.2**	100	97	**94.5**	100	95	1 - 118	3	30
Di-n-octyl Phthalate	**101**	100	101	**94.5**	100	94	4 - 146	7	30
Dibenz(a,h)anthracene	**96.9**	100	97	**98.8**	100	99	0 - 227	2	30
Diethyl Phthalate	**96.1**	100	96	**94.1**	100	94	0 - 114	2	30

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: General Electric Company
Project: GE -Pittsfield NPDES 1/10
Sample Matrix: Water

Service Request: R1000163
Date Analyzed: 1/18/10

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 104119

	Lab Control Sample RQ1000193-02			Duplicate Lab Control Sample RQ1000193-03			% Rec		RPD
Analyte Name	**Result**	**Expected**	**% Rec**	**Result**	**Expected**	**% Rec**	**Limits**	**RPD**	**Limit**
Dimethyl Phthalate	**94.0**	100	94	**93.9**	100	94	0 - 112	0	30
Fluoranthene	**97.5**	100	97	**95.6**	100	96	26 - 137	2	30
Fluorene	**93.7**	100	94	**92.0**	100	92	59 - 121	2	30
Hexachlorobenzene	**98.0**	100	98	**97.7**	100	98	0 - 152	0	30
Hexachlorobutadiene	**62.7**	100	63	**61.7**	100	62	24 - 116	2	30
Hexachlorocyclopentadiene	**46.8**	100	47	**45.0**	100	45	10 - 130	4	30
Hexachloroethane	**57.6**	100	58	**56.7**	100	57	40 - 113	2	30
Indeno(1,2,3-cd)pyrene	**95.1**	100	95	**97.6**	100	98	0 - 171	3	30
Isophorone	**88.6**	100	89	**88.7**	100	89	21 - 196	0	30
N-Nitrosodi-n-propylamine	**80.7**	100	81	**81.0**	100	81	0 - 230	0	30
N-Nitrosodimethylamine	**53.3**	100	53	**49.9**	100	50	34 - 130	7	30
N-Nitrosodiphenylamine	**95.0**	100	95	**96.1**	100	96	50 - 117	1	30
Naphthalene	**72.3**	100	72	**70.5**	100	70	21 - 133	3	30
Nitrobenzene	**82.6**	100	83	**81.4**	100	81	35 - 180	1	30
Pentachlorophenol (PCP)	**105**	100	105	**111**	100	111	14 - 176	5	30
Phenanthrene	**97.6**	100	98	**95.7**	100	96	54 - 120	2	30
Phenol	**35.7**	100	36	**33.5**	100	34	5 - 112	6	30
Pyrene	**100**	100	100	**101**	100	101	52 - 115	1	30

Comments:

Columbia Analytical Services

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

SR #

CAS Contact

380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE 1 OF 1

Project Name: NPDES Permit
Project Number:
Report CC:
Project Manager: Sean Coyle
Company/Address:
Veolia Water (GE CEP)
1000 East Street
Pittsfield, MA 01201
Phone: (413) 494-6709 Fax: (413) 494-7052

Sampler's Signature: Shawn Flaherty
Sampler's Printed Name: Shawn Flaherty

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

PRESERVATIVE: 1 0 0

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☐8260 ☐624 ☐CLP	GC/MS SVOA's ☐8270 ☐625 ☐CLP	GC VOA's ☐8021 ☐601/602	PESTICIDES ☐8081 ☐608 ☐CLP	PCB's ☐8082 ☐608 ☐CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	VOC EPA 624	REMARKS/ ALTERNATE DESCRIPTION
646-1Q1M-2X-GV		1-11-10	7:00 AM	H2O	3	X								
646-1Q1M-2X6V		1-11-10	7:00 AM	H2O	3								X	
646-1Q1M-2X-GS		1-11-10	7:00 AM	H2O	1		X							
Trip Blank		1-11-10	7:30 AM	H2O	3	X								
Trip Blank		1-11-10	7:30 AM	H2O	3								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

1. EPA 624 Acrolein & Acrylonitrite **(unpreserved)**
2. Full EPA 624 list exluding Acrolein & Acrylonitrite **(preserved)**
3. Full EPA 625 list
- EPA 624 & 625 list incl. with COCs
- Samples packed in ice

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

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

INVOICE INFORMATION
PO#
BILL TO:

R1000163
Veolia Water North America
GE -Pittsfield NPDES 1/10

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

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Shawn Flaherty	Signature: Daniel Ward	Signature	Signature	Signature	Signature
Printed Name: Shawn Flaherty	Printed Name: CAS	Printed Name	Printed Name	Printed Name	Printed Name
Firm: VWNA.	Firm: 1/12/10 / 0940	Firm	Firm	Firm	Firm
Date/Time: 1-11-10 300/PM	Date/Time	Date/Time	Date/Time	Date/Time	Date/Time

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

SCOC-1102-08

R1000163
Veolia Water North America
GE -Pittsfield NPDES 1/10

Cooler Receipt And Preservation Check Form

Project/Client GE Pittsfield Submission Number _____.

Cooler received on ~~1/12/10~~ 1/12/10 by: DPW **COURIER:** CAS UPS (FEDEX) VELOCITY CLIENT
~~1/12/10~~ 1/12/10 DPW

1.	Were custody seals on outside of cooler?	(YES)	NO	
2.	Were custody papers properly filled out (ink, signed, etc.)?	(YES)	NO	
3.	Did all bottles arrive in good condition (unbroken)?	~~YES~~	NO	
4.	Did any VOA vials have significant* air bubbles?	YES	(NO)	N/A
5.	Were **Ice** or **Ice packs** present?	~~YES~~	NO	
6.	Where did the bottles originate?	(CAS/ROC), (CLIENT)		
7.	Temperature of cooler(s) upon receipt:	1.7°		

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: 1/12/10 0950

Thermometer ID: ~~IR GUN#3~~ / IR GUN#4 Reading From: Temp Blank / ~~Sample Bottle~~

If out of Temperature, note packing/ice condition, Client Approval to Run Samples: _____

PC Secondary Review: _____

Cooler Breakdown: Date : 1/12/10 by: DP

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: _____

pH	Reagent	YES	NO	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	NaOH								
≤2	HNO_3								
≤2	H_2SO_4								
Residual Chlorine (-)	For TCN and Phenol			If present, contact PM to add ascorbic acid					
	$Na_2S_2O_3$	-	-			*Not to be tested before analysis – pH tested and recorded by VOAs or GenChem on a separate worksheet			
	Zn Aceta	-	-						
	HCl	*	*	G43A00	6/10				

6/2010 DP 1/13/10

Yes = All samples OK

No = Samples were preserved at lab as listed

PM OK to Adjust: _____

Bottle lot numbers: 9-084-002, 8-294-003, 074009-ICC

Other Comments:

PC Secondary Review: _____

*significant air bubbles are greater than 5-6 mm

Columbia Analytical Services™

www.caslab.com

January 14, 2010

Service Request No: R1000008

Sean Coyle
Veolia Water North America
1000 East Street
Pittsfield, MA

Laboratory Results for: GE -Pittsfield NPDES 1/10

Dear Sean:

Enclosed are the results of the sample(s) submitted to our laboratory on January 5, 2010. For your reference, these analyses have been assigned our service request number **R1000008**.

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 131. You may also contact me via email at DPatton@caslab.com.

Respectfully submitted,

Columbia Analytical Services, Inc.

Deb Patton
Project Manager

COLUMBIA ANALYTICAL SERVICES, INC.

Client:	GE-Pittsfield	**Service Request No.:**	R1000008
Project:	NPDES –1/10	**Date Received:**	1/5/10
Sample Matrix:	Water		

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier II. When appropriate to the method, method blank results have been reported with each analytical test.

Sample Receipt

Two water samples and one Trip Blank were received for analysis at Columbia Analytical Services on 1/5/10. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were stored in a refrigerator between 1°C and 6°C upon receipt at the laboratory.

Volatile Organics

Two preserved VOA samples were archived and only the unpreserved portions were analyzed.

No other analytical or quality control problems were encountered during analysis.

Extractable Organics

The RPD for Benzidine was outside the control limits high and has been flagged with a "*". Both the Laboratory Control Sample and Laboratory Control Sample Duplicate were within limits for the percent recovery. There were no hits in the samples for this compound and no data was affected.

No other analytical or quality control problems were encountered during analysis.

Approved by _____ Date 1/14/10

CASE NARRATIVE

This report contains analytical results for the following samples:
Service Request Number: R1000008

Lab ID	Client ID
R1000008-002	64G-1Q1M-1X-GV
R1000008-003	64G-1Q1M-1X-GS
R1000008-005	TRIP BLANK

Columbia Analytical Services™

REPORT QUALIFIERS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Pesticide/Aroclors: Concentration >40% (25% for CLP) difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
X	See Case Narrative for discussion.

ACCREDITED IN ACCORDANCE WITH nelac

CAS/Rochester Lab ID # for Massachusetts Certification

M-NY032

Analyses were conducted in accordance with Massachusetts Department of Environmental Protection certification standards, except as noted in the laboratory case narrative provided. A copy of the current Department issued parameter list is included in this report.

The Commonwealth of Massachusetts

Department of Environmental Protection

Division of Environmental Analysis
Senator William X. Wall Experiment Station

certifies

M-NY032

COLUMBIA ANALYTICAL SERVICES
1 MUSTARD ST
SUITE 250
ROCHESTER, NY 14609-0000

Laboratory Director: **Michael K. Perry**

for the analysis of **NON POTABLE WATER (CHEMISTRY)**

pursuant to 310 CMR 42.00

This certificate supersedes all previous Massachusetts certificates issued to this laboratory. The laboratory is regulated by and shall be responsible for being in compliance with Massachusetts regulations at 310 CMR 42.00.

This certificate is valid only when accompanied by the latest dated Certified Parameter List as issued by the Massachusetts D.E.P. Contact the Division of Environmental Analysis to verify the current certification status of the laboratory.

Certification is no guarantee of the validity of the data. This certification is subject to unannounced laboratory inspections.

Oscar C. Parcells

Director, Division of Environmental Analysis

Issued: **01 JUL 2009**

Expires: **30 JUN 2010**

00005

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 01 JUL 2009

M-NY032 COLUMBIA ANALYTICAL SERVICES
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY) **Effective Date** **01 JUL 2009** **Expiration Date** **30 JUN 2010**

Analytes	Methods
ALUMINUM	EPA 200.7
ANTIMONY	EPA 200.7
ANTIMONY	EPA 200.8
ARSENIC	EPA 200.7
ARSENIC	EPA 200.8
BERYLLIUM	EPA 200.7
BERYLLIUM	EPA 200.8
CADMIUM	EPA 200.7
CADMIUM	EPA 200.8
CHROMIUM	EPA 200.7
CHROMIUM	EPA 200.8
COBALT	EPA 200.7
COBALT	EPA 200.8
COPPER	EPA 200.7
COPPER	EPA 200.8
IRON	EPA 200.7
LEAD	EPA 200.7
LEAD	EPA 200.8
MANGANESE	EPA 200.7
MANGANESE	EPA 200.8
MERCURY	EPA 245.1
MOLYBDENUM	EPA 200.7
MOLYBDENUM	EPA 200.8
NICKEL	EPA 200.7
NICKEL	EPA 200.8
SELENIUM	EPA 200.7
SELENIUM	EPA 200.8
SILVER	EPA 200.7
SILVER	EPA 200.8
THALLIUM	EPA 200.7
THALLIUM	EPA 200.8
VANADIUM	EPA 200.7
VANADIUM	EPA 200.8
ZINC	EPA 200.7
ZINC	EPA 200.8
PH	SM 4500-H-B
SPECIFIC CONDUCTIVITY	EPA 120.1
TOTAL DISSOLVED SOLIDS	SM 2540C
HARDNESS (CACO3), TOTAL	SM 2340C
CALCIUM	EPA 200.7
MAGNESIUM	EPA 200.7
SODIUM	EPA 200.7
POTASSIUM	EPA 200.7

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 01 JUL 2009

M-NY032 COLUMBIA ANALYTICAL SERVICES
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY) Effective Date 01 JUL 2009 Expiration Date 30 JUN 2010

Analytes	Methods
ALKALINITY, TOTAL	SM 2320B
CHLORIDE	SM 4500-CL-E
CHLORIDE	EPA 300.0
FLUORIDE	EPA 300.0
SULFATE	EPA 300.0
AMMONIA-N	EPA 350.1
NITRATE-N	EPA 300.0
NITRATE-N	EPA 353.2
KJELDAHL-N	EPA 351.2
ORTHOPHOSPHATE	EPA 365.1
PHOSPHORUS, TOTAL	EPA 365.1
CHEMICAL OXYGEN DEMAND	EPA 410.4
BIOCHEMICAL OXYGEN DEMAND	SM 5210B
TOTAL ORGANIC CARBON	SM 5310C
CYANIDE, TOTAL	EPA 335.4
NON-FILTERABLE RESIDUE	SM 2540D
OIL AND GREASE	EPA 1664
PHENOLICS, TOTAL	EPA 420.4
VOLATILE HALOCARBONS	EPA 601
VOLATILE HALOCARBONS	EPA 624
VOLATILE AROMATICS	EPA 602
VOLATILE AROMATICS	EPA 624
SVOC-ACID EXTRACTABLES	EPA 625
SVOC-BASE/NEUTRAL EXTRACTABLES	EPA 625

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000008
Project:	GE -Pittsfield NPDES 1/10	**Date Collected:**	1/ 4/10 0700
Sample Matrix:	Water	**Date Received:**	1/ 5/10
Sample Name:	64G-1Q1M-1X-GV	**Units:**	µg/L
Lab Code:	R1000008-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS with 3 Day Holding Time for Acrolein, Unpreserved

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
1,1,1-Trichloroethane (TCA)	**0.21**	J	1.0	0.18	1	NA	1/7/10 10:01		185707	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	1	NA	1/7/10 10:01		185707	
1,1,2-Trichloroethane	1.0	U	1.0	0.27	1	NA	1/7/10 10:01		185707	
1,1-Dichloroethane (1,1-DCA)	**0.28**	J	1.0	0.23	1	NA	1/7/10 10:01		185707	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	1	NA	1/7/10 10:01		185707	
1,2-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	1/7/10 10:01		185707	
1,2-Dichloroethane	1.0	U	1.0	0.17	1	NA	1/7/10 10:01		185707	
1,2-Dichloropropane	1.0	U	1.0	0.29	1	NA	1/7/10 10:01		185707	
1,3-Dichlorobenzene	1.0	U	1.0	0.16	1	NA	1/7/10 10:01		185707	
1,4-Dichlorobenzene	1.0	U	1.0	0.22	1	NA	1/7/10 10:01		185707	
2-Chloroethyl Vinyl Ether	10	U	10	0.51	1	NA	1/7/10 10:01		185707	
Acrolein	10	U	10	4.2	1	NA	1/7/10 10:01		185707	
Acrylonitrile	10	U	10	1.2	1	NA	1/7/10 10:01		185707	
Benzene	1.0	U	1.0	0.16	1	NA	1/7/10 10:01		185707	
Bromodichloromethane	1.0	U	1.0	0.16	1	NA	1/7/10 10:01		185707	
Bromoform	1.0	U	1.0	0.24	1	NA	1/7/10 10:01		185707	
Bromomethane	1.0	U	1.0	0.33	1	NA	1/7/10 10:01		185707	
Carbon Tetrachloride	1.0	U	1.0	0.23	1	NA	1/7/10 10:01		185707	
Chlorobenzene	1.0	U	1.0	0.21	1	NA	1/7/10 10:01		185707	
Chloroethane	**0.57**	J	1.0	0.30	1	NA	1/7/10 10:01		185707	
Chloroform	1.0	U	1.0	0.17	1	NA	1/7/10 10:01		185707	
Chloromethane	1.0	U	1.0	0.22	1	NA	1/7/10 10:01		185707	
Chlorodibromomethane	1.0	U	1.0	0.29	1	NA	1/7/10 10:01		185707	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.24	1	NA	1/7/10 10:01		185707	
Methylene Chloride	1.0	U	1.0	0.20	1	NA	1/7/10 10:01		185707	
Ethylbenzene	1.0	U	1.0	0.15	1	NA	1/7/10 10:01		185707	
Tetrachloroethene (PCE)	1.0	U	1.0	0.22	1	NA	1/7/10 10:01		185707	
Toluene	1.0	U	1.0	0.16	1	NA	1/7/10 10:01		185707	
Trichloroethene (TCE)	1.0	U	1.0	0.17	1	NA	1/7/10 10:01		185707	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.15	1	NA	1/7/10 10:01		185707	
Vinyl Chloride	1.0	U	1.0	0.25	1	NA	1/7/10 10:01		185707	
cis-1,3-Dichloropropene	1.0	U	1.0	0.19	1	NA	1/7/10 10:01		185707	
trans-1,2-Dichloroethene	1.0	U	1.0	0.28	1	NA	1/7/10 10:01		185707	

Comments:

Client:	General Electric Company	**Service Request:**	R1000008
Project:	GE -Pittsfield NPDES 1/10	**Date Collected:**	1/ 4/10 0700
Sample Matrix:	Water	**Date Received:**	1/ 5/10
Sample Name:	64G-1Q1M-1X-GV	**Units:**	µg/L
Lab Code:	R1000008-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS with 3 Day Holding Time for Acrolein, Unpreserved

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	NA	1/7/10 10:01		185707	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
1,2-Dichloroethane-d4	100	79-123	1/7/10 10:01		
4-Bromofluorobenzene	102	82-117	1/7/10 10:01		
Toluene-d8	111	83-120	1/7/10 10:01		

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000008
Project:	GE -Pittsfield NPDES 1/10	**Date Collected:**	1/4/10
Sample Matrix:	Water	**Date Received:**	1/5/10
		Date Analyzed:	1/7/10 1001

Tentatively Identified Compounds (TIC)
Volatile Organic Compounds by GC/MS with 3 Day Holding Time for Acrolein, Unpreserved

Sample Name:	64G-1Q1M-1X-GV	**Units:**	µg/L
Lab Code:	R1000008-002	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

Client: General Electric Company
Project: GE -Pittsfield NPDES 1/10
Sample Matrix: Water

Service Request: R1000008
Date Collected: 1/ 4/10 0700
Date Received: 1/ 5/10

Sample Name: 64G-1Q1M-1X-GS
Lab Code: R1000008-003

Units: µg/L
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
1,2,4-Trichlorobenzene	4.8	U	4.8	0.92	1	1/ 6/10	1/8/10 17:55	103775	185939	
1,2-Diphenylhydrazine	4.8	U	4.8	0.78	1	1/ 6/10	1/8/10 17:55	103775	185939	
2,4,6-Trichlorophenol	4.8	U	4.8	1.1	1	1/ 6/10	1/8/10 17:55	103775	185939	
2,4-Dichlorophenol	4.8	U	4.8	0.91	1	1/ 6/10	1/8/10 17:55	103775	185939	
2,4-Dimethylphenol	4.8	U	4.8	1.2	1	1/ 6/10	1/8/10 17:55	103775	185939	
2,4-Dinitrophenol	48	U	48	44	1	1/ 6/10	1/8/10 17:55	103775	185939	
2,4-Dinitrotoluene	4.8	U	4.8	1.3	1	1/ 6/10	1/8/10 17:55	103775	185939	
2,6-Dinitrotoluene	4.8	U	4.8	1.1	1	1/ 6/10	1/8/10 17:55	103775	185939	
2-Chloronaphthalene	4.8	U	4.8	0.55	1	1/ 6/10	1/8/10 17:55	103775	185939	
2-Chlorophenol	4.8	U	4.8	0.77	1	1/ 6/10	1/8/10 17:55	103775	185939	
2-Nitrophenol	4.8	U	4.8	0.87	1	1/ 6/10	1/8/10 17:55	103775	185939	
3,3'-Dichlorobenzidine	4.8	U	4.8	1.3	1	1/ 6/10	1/8/10 17:55	103775	185939	
4,6-Dinitro-2-methylphenol	48	U	48	24	1	1/ 6/10	1/8/10 17:55	103775	185939	
4-Bromophenyl Phenyl Ether	4.8	U	4.8	1.1	1	1/ 6/10	1/8/10 17:55	103775	185939	
4-Chloro-3-methylphenol	4.8	U	4.8	0.80	1	1/ 6/10	1/8/10 17:55	103775	185939	
4-Chlorophenyl Phenyl Ether	4.8	U	4.8	0.77	1	1/ 6/10	1/8/10 17:55	103775	185939	
4-Nitrophenol	48	U	48	12	1	1/ 6/10	1/8/10 17:55	103775	185939	
Acenaphthene	4.8	U	4.8	0.84	1	1/ 6/10	1/8/10 17:55	103775	185939	
Acenaphthylene	4.8	U	4.8	0.73	1	1/ 6/10	1/8/10 17:55	103775	185939	
Anthracene	4.8	U	4.8	0.59	1	1/ 6/10	1/8/10 17:55	103775	185939	
Benz(a)anthracene	4.8	U	4.8	0.78	1	1/ 6/10	1/8/10 17:55	103775	185939	
Benzidine	96	U	96	32	1	1/ 6/10	1/8/10 17:55	103775	185939	
Benzo(a)pyrene	4.8	U	4.8	0.63	1	1/ 6/10	1/8/10 17:55	103775	185939	
Benzo(b)fluoranthene	4.8	U	4.8	0.62	1	1/ 6/10	1/8/10 17:55	103775	185939	
Benzo(g,h,i)perylene	4.8	U	4.8	0.83	1	1/ 6/10	1/8/10 17:55	103775	185939	
Benzo(k)fluoranthene	4.8	U	4.8	0.96	1	1/ 6/10	1/8/10 17:55	103775	185939	
2,2'-Oxybis(1-chloropropane)	4.8	U	4.8	0.98	1	1/ 6/10	1/8/10 17:55	103775	185939	
Bis(2-chloroethoxy)methane	4.8	U	4.8	1.3	1	1/ 6/10	1/8/10 17:55	103775	185939	
Bis(2-chloroethyl) Ether	4.8	U	4.8	1.2	1	1/ 6/10	1/8/10 17:55	103775	185939	
Bis(2-ethylhexyl) Phthalate	4.8	U	4.8	1.7	1	1/ 6/10	1/8/10 17:55	103775	185939	
Butyl Benzyl Phthalate	4.8	U	4.8	0.90	1	1/ 6/10	1/8/10 17:55	103775	185939	
Chrysene	4.8	U	4.8	1.1	1	1/ 6/10	1/8/10 17:55	103775	185939	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000008
Project:	GE -Pittsfield NPDES 1/10	**Date Collected:**	1/ 4/10 0700
Sample Matrix:	Water	**Date Received:**	1/ 5/10
Sample Name:	64G-1Q1M-1X-GS	**Units:**	µg/L
Lab Code:	R1000008-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
Di-n-butyl Phthalate	4.8	U	4.8	2.1	1	1/ 6/10	1/8/10 17:55	103775	185939	
Di-n-octyl Phthalate	4.8	U	4.8	0.89	1	1/ 6/10	1/8/10 17:55	103775	185939	
Dibenz(a,h)anthracene	4.8	U	4.8	0.77	1	1/ 6/10	1/8/10 17:55	103775	185939	
Diethyl Phthalate	4.8	U	4.8	0.90	1	1/ 6/10	1/8/10 17:55	103775	185939	
Dimethyl Phthalate	4.8	U	4.8	0.74	1	1/ 6/10	1/8/10 17:55	103775	185939	
Fluoranthene	4.8	U	4.8	0.72	1	1/ 6/10	1/8/10 17:55	103775	185939	
Fluorene	4.8	U	4.8	0.76	1	1/ 6/10	1/8/10 17:55	103775	185939	
Hexachlorobenzene	4.8	U	4.8	0.96	1	1/ 6/10	1/8/10 17:55	103775	185939	
Hexachlorobutadiene	4.8	U	4.8	0.67	1	1/ 6/10	1/8/10 17:55	103775	185939	
Hexachlorocyclopentadiene	4.8	U	4.8	0.70	1	1/ 6/10	1/8/10 17:55	103775	185939	
Hexachloroethane	4.8	U	4.8	0.71	1	1/ 6/10	1/8/10 17:55	103775	185939	
Indeno(1,2,3-cd)pyrene	4.8	U	4.8	0.65	1	1/ 6/10	1/8/10 17:55	103775	185939	
Isophorone	4.8	U	4.8	0.96	1	1/ 6/10	1/8/10 17:55	103775	185939	
N-Nitrosodi-n-propylamine	4.8	U	4.8	1.1	1	1/ 6/10	1/8/10 17:55	103775	185939	
N-Nitrosodimethylamine	4.8	U	4.8	0.64	1	1/ 6/10	1/8/10 17:55	103775	185939	
N-Nitrosodiphenylamine	4.8	U	4.8	0.72	1	1/ 6/10	1/8/10 17:55	103775	185939	
Naphthalene	4.8	U	4.8	0.60	1	1/ 6/10	1/8/10 17:55	103775	185939	
Nitrobenzene	4.8	U	4.8	0.90	1	1/ 6/10	1/8/10 17:55	103775	185939	
Pentachlorophenol (PCP)	48	U	48	31	1	1/ 6/10	1/8/10 17:55	103775	185939	
Phenanthrene	4.8	U	4.8	0.71	1	1/ 6/10	1/8/10 17:55	103775	185939	
Phenol	4.8	U	4.8	0.55	1	1/ 6/10	1/8/10 17:55	103775	185939	
Pyrene	4.8	U	4.8	0.84	1	1/ 6/10	1/8/10 17:55	103775	185939	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
2,4,6-Tribromophenol	90	46-134	1/8/10 17:55		
2-Fluorobiphenyl	67	46-110	1/8/10 17:55		
2-Fluorophenol	39	12-84	1/8/10 17:55		
Nitrobenzene-d5	67	44-117	1/8/10 17:55		
Phenol-d6	27	10-70	1/8/10 17:55		
p-Terphenyl-d14	79	40-133	1/8/10 17:55		

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000008
Project:	GE -Pittsfield NPDES 1/10	**Date Collected:**	1/ 4/10 0715
Sample Matrix:	Water	**Date Received:**	1/ 5/10
Sample Name:	TRIP BLANK	**Units:**	µg/L
Lab Code:	R1000008-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS with 3 Day Holding Time for Acrolein, Unpreserved

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.18	1	NA	1/7/10 10:39		185707	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	1	NA	1/7/10 10:39		185707	
1,1,2-Trichloroethane	1.0	U	1.0	0.27	1	NA	1/7/10 10:39		185707	
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.23	1	NA	1/7/10 10:39		185707	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	1	NA	1/7/10 10:39		185707	
1,2-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	1/7/10 10:39		185707	
1,2-Dichloroethane	1.0	U	1.0	0.17	1	NA	1/7/10 10:39		185707	
1,2-Dichloropropane	1.0	U	1.0	0.29	1	NA	1/7/10 10:39		185707	
1,3-Dichlorobenzene	1.0	U	1.0	0.16	1	NA	1/7/10 10:39		185707	
1,4-Dichlorobenzene	1.0	U	1.0	0.22	1	NA	1/7/10 10:39		185707	
2-Chloroethyl Vinyl Ether	10	U	10	0.51	1	NA	1/7/10 10:39		185707	
Acrolein	10	U	10	4.2	1	NA	1/7/10 10:39		185707	
Acrylonitrile	10	U	10	1.2	1	NA	1/7/10 10:39		185707	
Benzene	1.0	U	1.0	0.16	1	NA	1/7/10 10:39		185707	
Bromodichloromethane	1.0	U	1.0	0.16	1	NA	1/7/10 10:39		185707	
Bromoform	1.0	U	1.0	0.24	1	NA	1/7/10 10:39		185707	
Bromomethane	1.0	U	1.0	0.33	1	NA	1/7/10 10:39		185707	
Carbon Tetrachloride	1.0	U	1.0	0.23	1	NA	1/7/10 10:39		185707	
Chlorobenzene	1.0	U	1.0	0.21	1	NA	1/7/10 10:39		185707	
Chloroethane	1.0	U	1.0	0.30	1	NA	1/7/10 10:39		185707	
Chloroform	1.0	U	1.0	0.17	1	NA	1/7/10 10:39		185707	
Chloromethane	1.0	U	1.0	0.22	1	NA	1/7/10 10:39		185707	
Chlorodibromomethane	1.0	U	1.0	0.29	1	NA	1/7/10 10:39		185707	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.24	1	NA	1/7/10 10:39		185707	
Methylene Chloride	**0.22**	J	1.0	0.20	1	NA	1/7/10 10:39		185707	
Ethylbenzene	1.0	U	1.0	0.15	1	NA	1/7/10 10:39		185707	
Tetrachloroethene (PCE)	1.0	U	1.0	0.22	1	NA	1/7/10 10:39		185707	
Toluene	1.0	U	1.0	0.16	1	NA	1/7/10 10:39		185707	
Trichloroethene (TCE)	1.0	U	1.0	0.17	1	NA	1/7/10 10:39		185707	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.15	1	NA	1/7/10 10:39		185707	
Vinyl Chloride	1.0	U	1.0	0.25	1	NA	1/7/10 10:39		185707	
cis-1,3-Dichloropropene	1.0	U	1.0	0.19	1	NA	1/7/10 10:39		185707	
trans-1,2-Dichloroethene	1.0	U	1.0	0.28	1	NA	1/7/10 10:39		185707	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000008
Project:	GE -Pittsfield NPDES 1/10	**Date Collected:**	1/ 4/10 0715
Sample Matrix:	Water	**Date Received:**	1/ 5/10
Sample Name:	TRIP BLANK	**Units:**	µg/L
Lab Code:	R1000008-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS with 3 Day Holding Time for Acrolein, Unpreserved

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	NA	1/7/10 10:39		185707	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
1,2-Dichloroethane-d4	98	79-123	1/7/10 10:39		
4-Bromofluorobenzene	100	82-117	1/7/10 10:39		
Toluene-d8	111	83-120	1/7/10 10:39		

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000008
Project:	GE -Pittsfield NPDES 1/10	**Date Collected:**	1/4/10
Sample Matrix:	Water	**Date Received:**	1/5/10
		Date Analyzed:	1/7/10 1039

Tentatively Identified Compounds (TIC)
Volatile Organic Compounds by GC/MS with 3 Day Holding Time for Acrolein, Unpreserved

Sample Name:	TRIP BLANK	**Units:**	µg/L
Lab Code:	R1000008-005	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

Client:	General Electric Company	**Service Request:**	R1000008
Project:	GE -Pittsfield NPDES 1/10	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1000133-01	**Basis:**	NA

Volatile Organic Compounds by GC/MS with 3 Day Holding Time for Acrolein, Unpreserved

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.18	1	NA	1/7/10 09:08		185707	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	1	NA	1/7/10 09:08		185707	
1,1,2-Trichloroethane	1.0	U	1.0	0.27	1	NA	1/7/10 09:08		185707	
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.23	1	NA	1/7/10 09:08		185707	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	1	NA	1/7/10 09:08		185707	
1,2-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	1/7/10 09:08		185707	
1,2-Dichloroethane	1.0	U	1.0	0.17	1	NA	1/7/10 09:08		185707	
1,2-Dichloropropane	1.0	U	1.0	0.29	1	NA	1/7/10 09:08		185707	
1,3-Dichlorobenzene	1.0	U	1.0	0.16	1	NA	1/7/10 09:08		185707	
1,4-Dichlorobenzene	1.0	U	1.0	0.22	1	NA	1/7/10 09:08		185707	
2-Chloroethyl Vinyl Ether	10	U	10	0.51	1	NA	1/7/10 09:08		185707	
Acrolein	10	U	10	4.2	1	NA	1/7/10 09:08		185707	
Acrylonitrile	10	U	10	1.2	1	NA	1/7/10 09:08		185707	
Benzene	1.0	U	1.0	0.16	1	NA	1/7/10 09:08		185707	
Bromodichloromethane	1.0	U	1.0	0.16	1	NA	1/7/10 09:08		185707	
Bromoform	1.0	U	1.0	0.24	1	NA	1/7/10 09:08		185707	
Bromomethane	1.0	U	1.0	0.33	1	NA	1/7/10 09:08		185707	
Carbon Tetrachloride	1.0	U	1.0	0.23	1	NA	1/7/10 09:08		185707	
Chlorobenzene	1.0	U	1.0	0.21	1	NA	1/7/10 09:08		185707	
Chloroethane	1.0	U	1.0	0.30	1	NA	1/7/10 09:08		185707	
Chloroform	1.0	U	1.0	0.17	1	NA	1/7/10 09:08		185707	
Chloromethane	1.0	U	1.0	0.22	1	NA	1/7/10 09:08		185707	
Chlorodibromomethane	1.0	U	1.0	0.29	1	NA	1/7/10 09:08		185707	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.24	1	NA	1/7/10 09:08		185707	
Methylene Chloride	1.0	U	1.0	0.20	1	NA	1/7/10 09:08		185707	
Ethylbenzene	1.0	U	1.0	0.15	1	NA	1/7/10 09:08		185707	
Tetrachloroethene (PCE)	1.0	U	1.0	0.22	1	NA	1/7/10 09:08		185707	
Toluene	1.0	U	1.0	0.16	1	NA	1/7/10 09:08		185707	
Trichloroethene (TCE)	1.0	U	1.0	0.17	1	NA	1/7/10 09:08		185707	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.15	1	NA	1/7/10 09:08		185707	
Vinyl Chloride	1.0	U	1.0	0.25	1	NA	1/7/10 09:08		185707	
cis-1,3-Dichloropropene	1.0	U	1.0	0.19	1	NA	1/7/10 09:08		185707	
trans-1,2-Dichloroethene	1.0	U	1.0	0.28	1	NA	1/7/10 09:08		185707	

Comments:

Client:	General Electric Company	**Service Request:**	R1000008
Project:	GE -Pittsfield NPDES 1/10	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1000133-01	**Basis:**	NA

Volatile Organic Compounds by GC/MS with 3 Day Holding Time for Acrolein, Unpreserved

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	NA	1/7/10 09:08		185707	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
1,2-Dichloroethane-d4	100	79-123	1/7/10 09:08		
4-Bromofluorobenzene	105	82-117	1/7/10 09:08		
Toluene-d8	112	83-120	1/7/10 09:08		

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000008
Project:	GE -Pittsfield NPDES 1/10	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	1/7/10 0908

Tentatively Identified Compounds (TIC)
Volatile Organic Compounds by GC/MS with 3 Day Holding Time for Acrolein, Unpreserved

Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1000133-01	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000008
Project:	GE -Pittsfield NPDES 1/10	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1000055-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
1,2,4-Trichlorobenzene	5.0	U	5.0	0.92	1	1/ 6/10	1/8/10 15:52	103775	185939	
1,2-Diphenylhydrazine	5.0	U	5.0	0.78	1	1/ 6/10	1/8/10 15:52	103775	185939	
2,4,6-Trichlorophenol	5.0	U	5.0	1.1	1	1/ 6/10	1/8/10 15:52	103775	185939	
2,4-Dichlorophenol	5.0	U	5.0	0.91	1	1/ 6/10	1/8/10 15:52	103775	185939	
2,4-Dimethylphenol	5.0	U	5.0	1.2	1	1/ 6/10	1/8/10 15:52	103775	185939	
2,4-Dinitrophenol	50	U	50	44	1	1/ 6/10	1/8/10 15:52	103775	185939	
2,4-Dinitrotoluene	5.0	U	5.0	1.3	1	1/ 6/10	1/8/10 15:52	103775	185939	
2,6-Dinitrotoluene	5.0	U	5.0	1.1	1	1/ 6/10	1/8/10 15:52	103775	185939	
2-Chloronaphthalene	5.0	U	5.0	0.55	1	1/ 6/10	1/8/10 15:52	103775	185939	
2-Chlorophenol	5.0	U	5.0	0.77	1	1/ 6/10	1/8/10 15:52	103775	185939	
2-Nitrophenol	5.0	U	5.0	0.87	1	1/ 6/10	1/8/10 15:52	103775	185939	
3,3'-Dichlorobenzidine	5.0	U	5.0	1.3	1	1/ 6/10	1/8/10 15:52	103775	185939	
4,6-Dinitro-2-methylphenol	50	U	50	24	1	1/ 6/10	1/8/10 15:52	103775	185939	
4-Bromophenyl Phenyl Ether	5.0	U	5.0	1.1	1	1/ 6/10	1/8/10 15:52	103775	185939	
4-Chloro-3-methylphenol	5.0	U	5.0	0.80	1	1/ 6/10	1/8/10 15:52	103775	185939	
4-Chlorophenyl Phenyl Ether	5.0	U	5.0	0.77	1	1/ 6/10	1/8/10 15:52	103775	185939	
4-Nitrophenol	50	U	50	12	1	1/ 6/10	1/8/10 15:52	103775	185939	
Acenaphthene	5.0	U	5.0	0.84	1	1/ 6/10	1/8/10 15:52	103775	185939	
Acenaphthylene	5.0	U	5.0	0.73	1	1/ 6/10	1/8/10 15:52	103775	185939	
Anthracene	5.0	U	5.0	0.59	1	1/ 6/10	1/8/10 15:52	103775	185939	
Benz(a)anthracene	5.0	U	5.0	0.78	1	1/ 6/10	1/8/10 15:52	103775	185939	
Benzidine	100	U	100	32	1	1/ 6/10	1/8/10 15:52	103775	185939	
Benzo(a)pyrene	5.0	U	5.0	0.63	1	1/ 6/10	1/8/10 15:52	103775	185939	
Benzo(b)fluoranthene	5.0	U	5.0	0.62	1	1/ 6/10	1/8/10 15:52	103775	185939	
Benzo(g,h,i)perylene	5.0	U	5.0	0.83	1	1/ 6/10	1/8/10 15:52	103775	185939	
Benzo(k)fluoranthene	5.0	U	5.0	0.96	1	1/ 6/10	1/8/10 15:52	103775	185939	
2,2'-Oxybis(1-chloropropane)	5.0	U	5.0	0.98	1	1/ 6/10	1/8/10 15:52	103775	185939	
Bis(2-chloroethoxy)methane	5.0	U	5.0	1.3	1	1/ 6/10	1/8/10 15:52	103775	185939	
Bis(2-chloroethyl) Ether	5.0	U	5.0	1.2	1	1/ 6/10	1/8/10 15:52	103775	185939	
Bis(2-ethylhexyl) Phthalate	5.0	U	5.0	1.7	1	1/ 6/10	1/8/10 15:52	103775	185939	
Butyl Benzyl Phthalate	5.0	U	5.0	0.90	1	1/ 6/10	1/8/10 15:52	103775	185939	
Chrysene	5.0	U	5.0	1.1	1	1/ 6/10	1/8/10 15:52	103775	185939	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000008
Project:	GE -Pittsfield NPDES 1/10	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1000055-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
Di-n-butyl Phthalate	5.0	U	5.0	2.1	1	1/ 6/10	1/8/10 15:52	103775	185939	
Di-n-octyl Phthalate	5.0	U	5.0	0.89	1	1/ 6/10	1/8/10 15:52	103775	185939	
Dibenz(a,h)anthracene	5.0	U	5.0	0.77	1	1/ 6/10	1/8/10 15:52	103775	185939	
Diethyl Phthalate	5.0	U	5.0	0.90	1	1/ 6/10	1/8/10 15:52	103775	185939	
Dimethyl Phthalate	5.0	U	5.0	0.74	1	1/ 6/10	1/8/10 15:52	103775	185939	
Fluoranthene	5.0	U	5.0	0.72	1	1/ 6/10	1/8/10 15:52	103775	185939	
Fluorene	5.0	U	5.0	0.76	1	1/ 6/10	1/8/10 15:52	103775	185939	
Hexachlorobenzene	5.0	U	5.0	0.96	1	1/ 6/10	1/8/10 15:52	103775	185939	
Hexachlorobutadiene	5.0	U	5.0	0.67	1	1/ 6/10	1/8/10 15:52	103775	185939	
Hexachlorocyclopentadiene	5.0	U	5.0	0.70	1	1/ 6/10	1/8/10 15:52	103775	185939	
Hexachloroethane	5.0	U	5.0	0.71	1	1/ 6/10	1/8/10 15:52	103775	185939	
Indeno(1,2,3-cd)pyrene	5.0	U	5.0	0.65	1	1/ 6/10	1/8/10 15:52	103775	185939	
Isophorone	5.0	U	5.0	0.96	1	1/ 6/10	1/8/10 15:52	103775	185939	
N-Nitrosodi-n-propylamine	5.0	U	5.0	1.1	1	1/ 6/10	1/8/10 15:52	103775	185939	
N-Nitrosodimethylamine	5.0	U	5.0	0.64	1	1/ 6/10	1/8/10 15:52	103775	185939	
N-Nitrosodiphenylamine	5.0	U	5.0	0.72	1	1/ 6/10	1/8/10 15:52	103775	185939	
Naphthalene	5.0	U	5.0	0.60	1	1/ 6/10	1/8/10 15:52	103775	185939	
Nitrobenzene	5.0	U	5.0	0.90	1	1/ 6/10	1/8/10 15:52	103775	185939	
Pentachlorophenol (PCP)	50	U	50	31	1	1/ 6/10	1/8/10 15:52	103775	185939	
Phenanthrene	5.0	U	5.0	0.71	1	1/ 6/10	1/8/10 15:52	103775	185939	
Phenol	5.0	U	5.0	0.55	1	1/ 6/10	1/8/10 15:52	103775	185939	
Pyrene	5.0	U	5.0	0.84	1	1/ 6/10	1/8/10 15:52	103775	185939	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
2,4,6-Tribromophenol	86	46-134	1/8/10 15:52		
2-Fluorobiphenyl	66	46-110	1/8/10 15:52		
2-Fluorophenol	42	12-84	1/8/10 15:52		
Nitrobenzene-d5	62	44-117	1/8/10 15:52		
Phenol-d6	28	10-70	1/8/10 15:52		
p-Terphenyl-d14	88	40-133	1/8/10 15:52		

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: General Electric Company
Project: GE -Pittsfield NPDES 1/10
Sample Matrix: Water

Service Request: R1000008
Date Analyzed: 1/ 7/10

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS with 3 Day Holding Time for Acrolein, Unpreserved

Analytical Method: 624

Units: µg/L
Basis: NA

Analysis Lot: 185707

Analyte Name	Lab Control Sample RQ1000133-02 Result	Expected	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	**24.2**	20.0	121	52 - 162
1,1,2,2-Tetrachloroethane	**18.7**	20.0	94	46 - 157
1,1,2-Trichloroethane	**18.5**	20.0	92	52 - 150
1,1-Dichloroethane (1,1-DCA)	**25.1**	20.0	126	59 - 155
1,1-Dichloroethene (1,1-DCE)	**22.3**	20.0	111	0 - 234
1,2-Dichlorobenzene	**19.1**	20.0	95	18 - 190
1,2-Dichloroethane	**20.1**	20.0	100	49 - 155
1,2-Dichloropropane	**22.2**	20.0	111	0 - 210
1,3-Dichlorobenzene	**20.5**	20.0	102	59 - 156
1,4-Dichlorobenzene	**19.6**	20.0	98	18 - 190
2-Chloroethyl Vinyl Ether	**17.8**	20.0	89	0 - 305
Acrolein	**49.8**	100	50	10 - 174
Acrylonitrile	**98.8**	100	99	75 - 123
Benzene	**22.3**	20.0	112	37 - 151
Bromodichloromethane	**20.1**	20.0	100	35 - 155
Bromoform	**16.6**	20.0	83	45 - 169
Bromomethane	**18.6**	20.0	93	0 - 242
Carbon Tetrachloride	**21.8**	20.0	109	70 - 140
Chlorobenzene	**21.3**	20.0	106	37 - 160
Chloroethane	**24.5**	20.0	123	14 - 230
Chloroform	**24.2**	20.0	121	51 - 138
Chloromethane	**20.8**	20.0	104	0 - 273
Chlorodibromomethane	**18.8**	20.0	94	53 - 149
Dichlorodifluoromethane (CFC 12)	**18.6**	20.0	93	70 - 130
Methylene Chloride	**21.2**	20.0	106	0 - 221
Ethylbenzene	**22.3**	20.0	111	37 - 162
Tetrachloroethene (PCE)	**20.5**	20.0	103	64 - 148
Toluene	**21.8**	20.0	109	47 - 150
Trichloroethene (TCE)	**20.3**	20.0	101	71 - 157
Trichlorofluoromethane (CFC 11)	**23.2**	20.0	116	17 - 181
Vinyl Chloride	**22.7**	20.0	114	0 - 251
cis-1,3-Dichloropropene	**19.9**	20.0	100	0 - 227
trans-1,2-Dichloroethene	**23.0**	20.0	115	54 - 156
trans-1,3-Dichloropropene	**19.0**	20.0	95	17 - 183

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: General Electric Company
Project: GE -Pittsfield NPDES 1/10
Sample Matrix: Water

Service Request: R1000008
Date Analyzed: 1/ 8/10

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 103775

	Lab Control Sample RQ1000055-02			Duplicate Lab Control Sample RQ1000055-03			% Rec		RPD
Analyte Name	**Result**	**Expected**	**% Rec**	**Result**	**Expected**	**% Rec**	**Limits**	**RPD**	**Limit**
1,2,4-Trichlorobenzene	**62.3**	100	62	**65.8**	100	66	44 - 142	5	30
1,2-Diphenylhydrazine	**95.9**	100	96	**98.4**	100	98	64 - 114	3	30
2,4,6-Trichlorophenol	**99.2**	100	99	**104**	100	104	37 - 144	5	30
2,4-Dichlorophenol	**89.9**	100	90	**94.7**	100	95	39 - 135	5	30
2,4-Dimethylphenol	**68.1**	100	68	**73.7**	100	74	39 - 135	8	30
2,4-Dinitrophenol	**105**	100	105	**118**	100	118	0 - 191	12	30
2,4-Dinitrotoluene	**102**	100	102	**104**	100	104	39 - 139	1	30
2,6-Dinitrotoluene	**97.0**	100	97	**103**	100	103	50 - 158	6	30
2-Chloronaphthalene	**78.1**	100	78	**83.8**	100	84	60 - 118	7	30
2-Chlorophenol	**81.6**	100	82	**87.3**	100	87	23 - 134	7	30
2-Nitrophenol	**87.0**	100	87	**94.4**	100	94	29 - 182	8	30
3,3'-Dichlorobenzidine	**96.8**	100	97	**96.7**	100	97	0 - 262	0	30
4,6-Dinitro-2-methylphenol	**109**	100	109	**114**	100	114	0 - 181	5	30
4-Bromophenyl Phenyl Ether	**98.6**	100	99	**105**	100	105	53 - 127	6	30
4-Chloro-3-methylphenol	**91.3**	100	91	**95.8**	100	96	22 - 147	5	30
4-Chlorophenyl Phenyl Ether	**92.7**	100	93	**95.8**	100	96	25 - 158	3	30
4-Nitrophenol	**52.6**	100	53	**60.0**	100	60	0 - 132	13	30
Acenaphthene	**88.8**	100	89	**94.1**	100	94	47 - 145	6	30
Acenaphthylene	**89.7**	100	90	**94.1**	100	94	33 - 145	5	30
Anthracene	**96.2**	100	96	**97.2**	100	97	27 - 133	1	30
Benz(a)anthracene	**98.6**	100	99	**102**	100	102	33 - 143	4	30
Benzidine	**30.9**	100	31	**14.4**	100	14	10 - 110	73 *	30
Benzo(a)pyrene	**90.0**	100	90	**92.9**	100	93	17 - 163	3	30
Benzo(b)fluoranthene	**107**	100	107	**111**	100	111	24 - 159	3	30
Benzo(g,h,i)perylene	**113**	100	113	**120**	100	120	0 - 219	5	30
Benzo(k)fluoranthene	**99.5**	100	99	**101**	100	101	11 - 162	2	30
2,2'-Oxybis(1-chloropropane)	**92.1**	100	92	**97.6**	100	98	36 - 166	6	30
Bis(2-chloroethoxy)methane	**114**	100	114	**118**	100	118	33 - 184	3	30
Bis(2-chloroethyl) Ether	**82.8**	100	83	**87.3**	100	87	12 - 158	5	30
Bis(2-ethylhexyl) Phthalate	**96.5**	100	97	**99.9**	100	100	8 - 158	3	30
Butyl Benzyl Phthalate	**90.9**	100	91	**96.0**	100	96	0 - 152	5	30
Chrysene	**98.1**	100	98	**102**	100	102	17 - 168	4	30
Di-n-butyl Phthalate	**99.5**	100	99	**102**	100	102	1 - 118	3	30
Di-n-octyl Phthalate	**87.7**	100	88	**92.2**	100	92	4 - 146	5	30
Dibenz(a,h)anthracene	**111**	100	111	**116**	100	116	0 - 227	5	30
Diethyl Phthalate	**95.6**	100	96	**97.4**	100	97	0 - 114	2	30

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: General Electric Company
Project: GE -Pittsfield NPDES 1/10
Sample Matrix: Water

Service Request: R1000008
Date Analyzed: 1/ 8/10

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 103775

Analyte Name	Lab Control Sample RQ1000055-02 Result	Expected	% Rec	Duplicate Lab Control Sample RQ1000055-03 Result	Expected	% Rec	% Rec Limits	RPD	RPD Limit
Dimethyl Phthalate	**94.0**	100	94	**97.0**	100	97	0 - 112	3	30
Fluoranthene	**102**	100	102	**105**	100	105	26 - 137	3	30
Fluorene	**93.6**	100	94	**97.2**	100	97	59 - 121	4	30
Hexachlorobenzene	**104**	100	104	**110**	100	110	0 - 152	5	30
Hexachlorobutadiene	**62.0**	100	62	**67.2**	100	67	24 - 116	8	30
Hexachlorocyclopentadiene	**57.3**	100	57	**66.3**	100	66	10 - 130	14	30
Hexachloroethane	**55.5**	100	56	**61.5**	100	61	40 - 113	10	30
Indeno(1,2,3-cd)pyrene	**111**	100	111	**116**	100	116	0 - 171	4	30
Isophorone	**89.0**	100	89	**91.7**	100	92	21 - 196	3	30
N-Nitrosodi-n-propylamine	**81.1**	100	81	**87.0**	100	87	0 - 230	7	30
N-Nitrosodimethylamine	**50.9**	100	51	**57.5**	100	57	34 - 130	12	30
N-Nitrosodiphenylamine	**100**	100	100	**105**	100	105	50 - 117	4	30
Naphthalene	**69.7**	100	70	**73.0**	100	73	21 - 133	5	30
Nitrobenzene	**81.1**	100	81	**84.7**	100	85	35 - 180	4	30
Pentachlorophenol (PCP)	**116**	100	116	**123**	100	123	14 - 176	6	30
Phenanthrene	**100**	100	100	**103**	100	103	54 - 120	3	30
Phenol	**37.2**	100	37	**40.5**	100	40	5 - 112	8	30
Pyrene	**94.5**	100	95	**99.4**	100	99	52 - 115	5	30

Comments:

Columbia Analytical Services

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

SR #

CAS Contact

Project Name: NPDES Permit
Project Number:
Report CC:
Project Manager: Sean Coyle
Company/Address:
Veolia Water (GE CEP)
1000 East Street
Pittsfield, MA 01201
Phone: (413) 494-6709 **Fax:** (413) 494-7052

8-5380 • 800-695-7222 x11 • FAX (585) 288-8475

Sampler's Signature | Sampler's Printed Name

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

PRESERVATIVE: 1 0 0

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☐ 8260 ☐ 624 ☐ CLP	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	VOC EPA 624	REMARKS/ ALTERNATE DESCRIPTION
646-1Q1M-1X-GV		1-4-10	7:00 AM	H20	3	X								
646-1Q1M-1X-GV		1-4-10	7:00 AM	H20	3								X	
646-1Q1M-1X-GS		1-4-10	7:00 AM	H20	1		X							
Trip Blank		1-4-10	7:15 AM	H20	3	X								
Trip Blank		1-4-10	7:15 AM	H20	3								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

1. EPA 624 Acrolein & Acrylonitrite **(unpreserved)**
2. Full EPA 624 list exluding Acrolein & Acrylonitrite **(preserved)**
3. Full EPA 625 list
- EPA 624 & 625 list incl. with COCs
- Samples packed in ice

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 R
____ V. Specialized Forms / Custom R
Edata ____ Yes ____ N

INVOICE INFORMATION
PO#
BILL TO

R1000008
Veolia Water North America
GE -Pittsfield NPDES 1/10

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

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Shawn Flaherty	Signature: Daniel Ward	Signature	Signature	Signature	Signature
Printed Name: Shawn Flaherty	Printed Name: Daniel Ward	Printed Name	Printed Name	Printed Name	Printed Name
Firm: VWNA	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time: 1-4-10 2:00 pm	Date/Time: 1/5/10 0940	Date/Time	Date/Time	Date/Time	Date/Time

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

R1000008
Veolia Water North America
GE -Pittsfield NPDES 1/10

Cooler Receipt And Preservation Check Form

Project/Client Veolia Water CGE CEP Submission Number R10 - 0006E

Cooler received on 1/5/10 by: DPW **COURIER:** CAS UPS FEDEX VELOCITY CLIENT

1.	Were custody seals on outside of cooler?	YES	NO			
2.	Were custody papers properly filled out (ink, signed, etc.)?	YES	NO			
3.	Did all bottles arrive in good condition (unbroken)?	YES	NO			
4.	Did any VOA vials have significant* air bubbles?	YES	NO	N/A		
5.	Were ~~Ice~~ or **Ice packs** present?	YES	NO			
6.	Where did the bottles originate?	CAS/ROC	CLIENT			
7.	Temperature of cooler(s) upon receipt:	1.6°				
	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: 1/5/10 / 0942

Thermometer ID: IR GUN#3 / IR GUN#4 Reading From: Temp Blank / Sample Bottle

If out of Temperature, note packing/ice condition, Client Approval to Run Samples: _____

PC Secondary Review: Dawn

Cooler Breakdown: Date: 1/5/10 by: MWL

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: _____

pH	Reagent	YES	NO	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	NaOH								
≤2	HNO_3								
≤2	H_2SO_4								
Residual Chlorine (-)	For TCN and Phenol			If present, contact PM to add ascorbic acid					
	$Na_2S_2O_3$	-	-						
	Zn Aceta	-	-						
	HCl	*	*	0-93406	8/10 — 3/2010 DP 1/5/10				

*Not to be tested before analysis – pH tested and recorded by VOAs or GenChem on a separate worksheet

Yes = All samples OK

No = Samples were preserved at lab as listed

PM OK to Adjust: _____

Bottle lot numbers: 9-084-002 9-121-001 072009-166

Other Comments:

PC Secondary Review: Dawn

*significant air bubbles are greater than 5-6 mm

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 159 PLASTICS AVE
PITTSFIELD, MA 01201

FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 159 PLASTICS AVE
PITTSFIELD, MA 01201

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	D64T-A
PERMIT NUMBER	**DISCHARGE NUMBER**

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	01/01/2010	**TO**	01/31/2010

DMR Mailing ZIP CODE: 01201
MAJOR
(SUBR W)
INTERNAL TO 005
Internal Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	*****	*****	*****	NOD:(9)	*****	NOD:(9)				
00400 IM 0 Internal Monitoring Point	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM	SU		Twice Every Month	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		NOD:(9)	*****	NOD:(9)				
00530 IM 0 Internal Monitoring Point	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	mg/L		Twice Every Month	COMP24
Oil & grease	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		*****	*****	NOD:(9)				
00556 IM 0 Internal Monitoring Point	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	*****	*****	15 DAILY MX	mg/L		Twice Every Month	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		NOD:(9)	*****	NOD:(9)				
39516 IM 0 Internal Monitoring Point	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	ug/L		Twice Every Month	COMP24
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.0024	0.0043	MGD	*****	*****	*****	*****	0	WEEKLY	ESTIMA
50050 IM 0 Internal Monitoring Point	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Weekly	ESTIMA
Flow, total	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		*****	*****	*****	*****			
82220 IM 0 Internal Monitoring Point	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Weekly	ESTIMA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413) 448-5902		02-24-2010
MGR PITTSFIELD REMEDIATION PROJ		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY
TYPED OR PRINTED					

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

FLOW TOTAL SEE FOOTNOTE 4

Attachment E - Outfall 64T

Date	Estimated Flow - MGD	Rainfall Total - In	Rainfall Peak - In
01/01/10		0.19	0.08
01/02/10		0.01	0.01
01/03/10	0.0014	0.05	0.00
01/04/10		0.01	0.01
01/05/10		0.00	0.00
01/06/10		0.00	0.00
01/07/10		0.00	0.00
01/08/10		0.00	0.00
01/09/10		0.02	0.01
01/10/10	0.0029	0.00	0.00
01/11/10		0.00	0.00
01/12/10		0.00	0.00
01/13/10		0.00	0.00
01/14/10		0.00	0.00
01/15/10		0.00	0.00
01/16/10		0.00	0.00
01/17/10	0.0022	0.00	0.00
01/18/10		0.33	0.05
01/19/10		0.01	0.01
01/20/10		0.12	0.02
01/21/10		0.00	0.00
01/22/10		0.00	0.00
01/23/10		0.00	0.00
01/24/10	0.0014	0.00	0.00
01/25/10		0.17	0.03
01/26/10		1.37	0.34
01/27/10		0.00	0.00
01/28/10		0.00	0.00
01/29/10		0.12	0.04
01/30/10		0.00	0.00
01/31/10	0.0043	0.00	0.00

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 159 PLASTICS AVE
PITTSFIELD, MA 01201

FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 159 PLASTICS AVE
PITTSFIELD, MA 01201

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	005-A
PERMIT NUMBER	**DISCHARGE NUMBER**

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	01/01/2010	TO	01/31/2010

DMR Mailing ZIP CODE: 01201
MAJOR
(SUBR W)
OUTFALL 005
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	6.84	******	7.53	SU	0	2/MO	GRAB
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Twice Per Month	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		NOD:(9)	******	NOD:(9)				
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	~~188~~ MO AVG	~~270~~ DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Twice Per Month	COMP24
Oil & grease	SAMPLE MEASUREMENT	******	0	lbs/d	******	******	0	mg/L	0	2/MO	GRAB
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	******	135 DAILY MX	lb/d	******	******	15 DAILY MX	mg/L		Twice Per Month	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		NOD:(9)	******	NOD:(9)				
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	.01 MO AVG	.03 DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Twice Per Month	COMP24
Rainfall	SAMPLE MEASUREMENT	0.00	0.00	IN	******	******	******	******	0	CONT	RCORDR
46529 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	******	******	******	******		Continuous	RCORDR
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.1796	0.535	MGD	******	******	******	******	C	CONT	RECORD
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RECORD
Flow, total	SAMPLE MEASUREMENT	0.1299	0.1299	MGD	******	******	******	******	0	CONT	RECORD
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RECORD

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413) 449-9072		02-24-2010
MGR. PITTSFIELD REMEDIATION PROJ.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY
TYPED OR PRINTED					

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

SEE PAGE 4 OF PERMIT. FLOW TOTAL SEE FOOTNOTE 4.

Attachment E - Outfall 005

Date	pH	TSS MG/L	FN	Oil & Grease MG/L	FN	PCB UG/L	FN	Metered Flow - MGD	Flooded Condition	Rainfall Total - In	Rainfall Peak - In
01/01/10								0.1687	NO	0.19	0.08
01/02/10								0.1605	NO	0.01	0.01
01/03/10								0.1454	NO	0.05	0.00
01/04/10	6.84	U1.00	1,G	U4.10	1,G			0.1578	NO	0.01	0.01
01/05/10						0.0942	G	0.1299	NO	0.00	0.00
01/06/10								0.1427	NO	0.00	0.00
01/07/10								0.1673	NO	0.00	0.00
01/08/10								0.1645	NO	0.00	0.00
01/09/10								0.1577	NO	0.02	0.01
01/10/10								0.1434	NO	0.00	0.00
01/11/10	7.53			U4.20	1,G			0.1648	NO	0.00	0.00
01/12/10								0.1624	NO	0.00	0.00
01/13/10								0.1504	NO	0.00	0.00
01/14/10								0.1334	NO	0.00	0.00
01/15/10								0.1496	NO	0.00	0.00
01/16/10								0.1633	NO	0.00	0.00
01/17/10								0.1588	NO	0.00	0.00
01/18/10								0.1624	NO	0.33	0.05
01/19/10								0.2804	NO	0.01	0.01
01/20/10								0.1957	NO	0.12	0.02
01/21/10								0.1656	NO	0.00	0.00
01/22/10								0.1172	NO	0.00	0.00
01/23/10								0.1428	NO	0.00	0.00
01/24/10								0.1442	NO	0.00	0.00
01/25/10								0.2580	NO	0.17	0.03
01/26/10								0.5135	YES	1.37	0.34
01/27/10								0.2025	YES	0.00	0.00
01/28/10								0.1850	NO	0.00	0.00
01/29/10								0.1818	NO	0.12	0.04
01/30/10								0.1685	NO	0.00	0.00
01/31/10								0.1681	NO	0.00	0.00

FN 1 - (U) Indicates compound analyzed for but not detected
C - Composite sample
G - Grab sample

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 159 PLASTICS AVE
PITTSFIELD, MA 01201

FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 159 PLASTICS AVE
PITTSFIELD, MA 01201

ATTN. MICHAEL T CARROLL, EHS&F

MA0003891	W005-A
PERMIT NUMBER	**DISCHARGE NUMBER**

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	01/01/2010	TO	01/31/2010

DMR Mailing ZIP CODE: 01201
MAJOR
(SUBR W)
OUTFALL 005 WET WEATHER
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	NODI(9)	******	NODI(9)				
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	******	NODI(9)				
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Three Every Quarter	COMPOS
Oil & grease	SAMPLE MEASUREMENT	******	******	******	******	******	NODI(9)				
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	******	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	******	NODI(9)				
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Three Every Quarter	COMPOS
Rainfall	SAMPLE MEASUREMENT	0.17	0.17	IN	******	******	******	******	0	CONT	RCORDR
46529 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	******	******	******	******		Continuous	RCORDR
Flow, total	SAMPLE MEASUREMENT	0.2580	0.2580	MGD	******	******	******	******	0	CONT	RCORDR
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PROJ TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(413)448-5902		02-24-2010
			AREA Code	NUMBER	MM/DD/YYYY

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

SEE PAGE 5 OF PERMIT. FLOW TOTAL SEE FOOTNOTE 4.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 159 PLASTICS AVE
PITTSFIELD, MA 01201

FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 159 PLASTICS AVE
PITTSFIELD, MA 01201

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	D05A-A
PERMIT NUMBER	**DISCHARGE NUMBER**

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	01/01/2010	TO	01/31/2010

DMR Mailing ZIP CODE: 01201
MAJOR
(SUBR W)
DRYWEATHER 05A
Internal Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	NODI(9)	******	NODI(9)				
00400 Y 0 Effluent Gross (Supplementary)	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Twice Per Month	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	******	NODI(9)				
00530 Y 0 Effluent Gross (Supplementary)	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Twice Per Month	COMP24
Oil & grease	SAMPLE MEASUREMENT	******	******	******	NODI(9)	******	NODI(9)				
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	Req. Mon. MO AVG	******	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	******	NODI(9)				
39516 Y 0 Effluent Gross (Supplementary)	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Twice Per Month	COMP24
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		******	******	******	******			
50050 Y 0 Effluent Gross (Supplementary)	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Weekly	ESTIMA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413)448-5902		02-24-2010
MGR. PITTSFIELD REMEDIATION PROG		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY
TYPED OR PRINTED					

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

TOTAL FLOW SEE FOOTNOTE 4.

Attachment E - Outfall 05A Dry

Date	Estimated Flow - MGD	Rainfall Total - In	Rainfall Peak - In	Flooded Condition
01/01/10		0.19	0.08	NO
01/02/10		0.01	0.01	NO
01/03/10		0.05	0.00	NO
01/04/10		0.01	0.01	NO
01/05/10		0.00	0.00	NO
01/06/10		0.00	0.00	NO
01/07/10		0.00	0.00	NO
01/08/10		0.00	0.00	NO
01/09/10		0.02	0.01	NO
01/10/10		0.00	0.00	NO
01/11/10		0.00	0.00	NO
01/12/10		0.00	0.00	NO
01/13/10		0.00	0.00	NO
01/14/10		0.00	0.00	NO
01/15/10		0.00	0.00	NO
01/16/10		0.00	0.00	NO
01/17/10		0.00	0.00	NO
01/18/10		0.33	0.05	NO
01/19/10		0.01	0.01	NO
01/20/10		0.12	0.02	NO
01/21/10		0.00	0.00	NO
01/22/10		0.00	0.00	NO
01/23/10		0.00	0.00	NO
01/24/10		0.00	0.00	NO
01/25/10		0.17	0.03	NO
01/26/10		1.37	0.34	YES
01/27/10		0.00	0.00	YES
01/28/10		0.00	0.00	YES
01/29/10		0.12	0.04	NO
01/30/10		0.00	0.00	YES
01/31/10		0.00	0.00	NO

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 159 PLASTICS AVE
PITTSFIELD, MA 01201

FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 159 PLASTICS AVE
PITTSFIELD, MA 01201

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	W05A-A
PERMIT NUMBER	**DISCHARGE NUMBER**

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	01/01/2010	TO	01/31/2010

DMR Mailing ZIP CODE: 01201
MAJOR
(SUBR W)
OUTFALL 05A WET WEATHER
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	NOD:(9)	******	NOD:(9)				
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		NOD:(9)	******	NOD:(9)				
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Three Every Quarter	COMPOS
Oil & grease	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		******	******	NOD:(9)				
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	******	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		NOD:(9)	******	NOD:(9)				
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Three Every Quarter	COMPOS
Rainfall	SAMPLE MEASUREMENT	0.01	0.01	IN	******	******	******	******	0	DAILY WHEN DISCHARGING	TOTALZ
46529 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	******	******	******	******		Daily When Discharging	TOTALZ
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.1739	1.1051	MGD	******	******	******	******	0	CONT	RCORDR
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR
Number of Events	SAMPLE MEASUREMENT	1	******	#	******	******	******	******	0	DAILY WHEN DISCHARGING	VISUAL
51484 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. TOTAL	******	#	******	******	******	******		Daily When Discharging	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PROG	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413) 442-5902		02-24-2010
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

SEE PAGE 7 OF PERMIT. FLOW TOTAL SEE FOOTNOTE 4.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 159 PLASTICS AVE
PITTSFIELD, MA 01201

FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 159 PLASTICS AVE
PITTSFIELD, MA 01201

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	W05A-A
PERMIT NUMBER	**DISCHARGE NUMBER**

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	01/01/2010	**TO**	01/31/2010

DMR Mailing ZIP CODE: 01201
MAJOR
(SUBR W)
OUTFALL 05A WET WEATHER
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Flow, total	SAMPLE MEASUREMENT	0.0328	0.0328	MGD	******	******	******	******	0	CONT	RECORD
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T CARROLL MGR. PITTSFIELD REMEDIATION PROJ.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413) 448 - 5902		02 - 24 - 2010
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

SEE PAGE 7 OF PERMIT. FLOW TOTAL SEE FOOTNOTE 4.

Attachment E - Outfall 05A Wet

Date	pH	TSS MG/L	FN	Oil & Grease MG/L	FN	PCB UG/L	FN	Metered Flow - MGD	Calculated Flow - MGD	Flooded Condition	Rainfall Total - In	Rainfall Peak - In
01/01/10										NO	0.19	0.08
01/02/10										NO	0.01	0.01
01/03/10								0.0007		NO	0.05	0.00
01/04/10								0.0012		NO	0.01	0.01
01/05/10										NO	0.00	0.00
01/06/10										NO	0.00	0.00
01/07/10										NO	0.00	0.00
01/08/10										NO	0.00	0.00
01/09/10										NO	0.02	0.01
01/10/10										NO	0.00	0.00
01/11/10										NO	0.00	0.00
01/12/10										NO	0.00	0.00
01/13/10										NO	0.00	0.00
01/14/10										NO	0.00	0.00
01/15/10										NO	0.00	0.00
01/16/10										NO	0.00	0.00
01/17/10										NO	0.00	0.00
01/18/10	7.56	7.00	G	U4.10	1,G	0.1920	G			NO	0.33	0.05
01/19/10								0.0328	0.1238	NO	0.01	0.01
01/20/10										NO	0.12	0.02
01/21/10										NO	0.00	0.00
01/22/10										NO	0.00	0.00
01/23/10										NO	0.00	0.00
01/24/10										NO	0.00	0.00
01/25/10								0.0731		NO	0.17	0.03
01/26/10								1.1051		YES	1.37	0.34
01/27/10										YES	0.00	0.00
01/28/10								0.0036		YES	0.00	0.00
01/29/10								0.0006		NO	0.12	0.04
01/30/10										YES	0.00	0.00
01/31/10										NO	0.00	0.00

FN 1 - (U) Indicates compound analyzed for but not detected
C - Composite sample
G - Grab sample

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 159 PLASTICS AVE
PITTSFIELD, MA 01201

FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 159 PLASTICS AVE
PITTSFIELD, MA 01201

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	W05B-A
PERMIT NUMBER	**DISCHARGE NUMBER**

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	01/01/2010	TO	01/31/2010

DMR Mailing ZIP CODE: 01201
MAJOR
(SUBR W)
OUTFALL 05B WET WEATHER
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	NOD:(9)	******	NOD:(9)				
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	******	******	******	NOD:(9)	******	NOD:(9)				
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Quarterly	COMPOS
Oil & grease	SAMPLE MEASUREMENT	******	******	******	******	******	NOD:(9)				
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	******	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	******	******	******	NOD:(9)	******	NOD:(9)				
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Quarterly	COMPOS
Rainfall	SAMPLE MEASUREMENT	1.37	1.37	IN	******	******	******	******	0	DAILY WHEN DISCHARGING	TOTALZ
46529 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	******	******	******	******		Daily When Discharging	TOTALZ
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.0812	0.0812	MGD	******	******	******	******	0	CONT	RECORDR
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR
Number of Events	SAMPLE MEASUREMENT	1	******	##	******	******	******	******	0	DAILY WHEN DISCHARGING	VISUAL
51484 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. TOTAL	******	#	******	******	******	******		Daily When Discharging	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PROJ	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413) 448-5903		02-24-2010
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

SEE PAGE 8 OF PERMIT. FLOW TOTAL SEE FOOTNOTE 4.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 159 PLASTICS AVE
PITTSFIELD, MA 01201

FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 159 PLASTICS AVE
PITTSFIELD, MA 01201

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	W05B-A
PERMIT NUMBER	**DISCHARGE NUMBER**

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	01/01/2010	**TO**	01/31/2010

DMR Mailing ZIP CODE: 01201
MAJOR
(SUBR W)
OUTFALL 05B WET WEATHER
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Flow, total	**SAMPLE MEASUREMENT**	0.097	0.097	MGD	******	******	******	******	0	CONT	RECORDR
82220 1 0 Effluent Gross	**PERMIT REQUIREMENT**	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T CARROLL MGR PITTSFIELD REMEDIATION PROJ	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413)448-5907		02-4-2010
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

SEE PAGE 8 OF PERMIT. FLOW TOTAL SEE FOOTNOTE 4.

Attachment E - Outfall 05B Wet

Date	pH	TSS MG/L	FN	Oil & Grease MG/L	FN	PCB UG/L	FN	Metered Flow - MGD	Calculated Flow - MGD	Rainfall Total - In	Rainfall Peak - In
01/01/10										0.19	0.08
01/02/10										0.01	0.01
01/03/10										0.05	0.00
01/04/10										0.01	0.01
01/05/10										0.00	0.00
01/06/10										0.00	0.00
01/07/10										0.00	0.00
01/08/10										0.00	0.00
01/09/10										0.02	0.01
01/10/10										0.00	0.00
01/11/10										0.00	0.00
01/12/10										0.00	0.00
01/13/10										0.00	0.00
01/14/10										0.00	0.00
01/15/10										0.00	0.00
01/16/10										0.00	0.00
01/17/10										0.33	0.05
01/18/10										0.01	0.01
01/19/10										0.12	0.02
01/20/10										0.00	0.00
01/21/10										0.00	0.00
01/22/10										0.00	0.00
01/23/10										0.00	0.00
01/24/10										0.17	0.03
01/25/10	7.95	287.00	G	U4.10	1,G	2.5970	G			1.37	0.34
01/26/10								0.0812	0.6754	0.00	0.00
01/27/10										0.00	0.00
01/28/10										0.12	0.04
01/29/10										0.00	0.00
01/30/10										0.00	0.00
01/31/10											

FN
1 - (U) Indicates compound analyzed for but not detected
C - Composite sample
G - Grab sample

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 159 PLASTICS AVE
PITTSFIELD, MA 01201

FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 159 PLASTICS AVE
PITTSFIELD, MA 01201

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	D006-A
PERMIT NUMBER	**DISCHARGE NUMBER**

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	01/01/2010	TO	01/31/2010

DMR Mailing ZIP CODE: 01201
MAJOR
(SUBR W)
OUTFALL 006 DRY WEATHER
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	NOD:(9)	******	NOD:(9)				
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Twice Every Month	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		NOD:(9)	******	NOD:(9)				
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Twice Every Month	COMP24
Oil & grease	SAMPLE MEASUREMENT	******	******	******	******	******	NOD:(9)				
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	******	15 DAILY MX	mg/L		Twice Every Month	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		NOD:(9)	******	NOD:(9)				
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Twice Every Month	COMP24
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.0024	0.0043	MGD	******	******	******	******	0	WEEKLY	ESTIMA
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Weekly	ESTIMA
Volatile Organic Compound (VOC)	SAMPLE MEASUREMENT	******	******	******	NOD:(9)	******	NOD:(9)				
51415 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Twice Every Month	GRAB
Volatile fraction organics (EPA 624)	SAMPLE MEASUREMENT	******	******	******	NOD:(9)	******	NOD:(9)				
78733 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Twice Every Month	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL P.M.C. MGR. PITTSFIELD REMEDIATION	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413) 448-5903		02-24-2010
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

SEE PAGE 9 OF PERMIT: FLOW TOTAL SEE FOOTNOTE 4. SEMIVOLATILES UNDER 51415.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 159 PLASTICS AVE
PITTSFIELD, MA 01201

FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 159 PLASTICS AVE
PITTSFIELD, MA 01201

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	D006-A
PERMIT NUMBER	**DISCHARGE NUMBER**

	MONITORING PERIOD		
	MM/DD/YYYY		MM/DD/YYYY
FROM	01/01/2010	TO	01/31/2010

DMR Mailing ZIP CODE: 01201
MAJOR
(SUBR W)
OUTFALL 006 DRY WEATHER
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Flow, total	SAMPLE MEASUREMENT	NOD (9)	NOD (9)		******	******	******	******			
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Weekly	ESTIMA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PROJ	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413) 448-5507		02-24-2010
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

SEE PAGE 9 OF PERMIT; FLOW TOTAL SEE FOOTNOTE 4. SEMIVOLATILES UNDER 51415

Attachment E - Outfall 006 Dry

Date	Estimated Flow - MGD	Rainfall Total - In	Rainfall Peak - In
01/01/10		0.19	0.08
01/02/10		0.01	0.01
01/03/10	0.0014	0.05	0.00
01/04/10		0.01	0.01
01/05/10		0.00	0.00
01/06/10		0.00	0.00
01/07/10		0.00	0.00
01/08/10		0.00	0.00
01/09/10		0.02	0.01
01/10/10	0.0029	0.00	0.00
01/11/10		0.00	0.00
01/12/10		0.00	0.00
01/13/10		0.00	0.00
01/14/10		0.00	0.00
01/15/10		0.00	0.00
01/16/10		0.00	0.00
01/17/10	0.0022	0.00	0.00
01/18/10		0.33	0.05
01/19/10		0.01	0.01
01/20/10		0.12	0.02
01/21/10		0.00	0.00
01/22/10		0.00	0.00
01/23/10		0.00	0.00
01/24/10	0.0014	0.00	0.00
01/25/10		0.17	0.03
01/26/10		1.37	0.34
01/27/10		0.00	0.00
01/28/10		0.00	0.00
01/29/10		0.12	0.04
01/30/10		0.00	0.00
01/31/10	0.0043	0.00	0.00

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 159 PLASTICS AVE
PITTSFIELD, MA 01201

FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 159 PLASTICS AVE
PITTSFIELD, MA 01201

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	W006-A
PERMIT NUMBER	**DISCHARGE NUMBER**

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	01/01/2010	TO	01/31/2010

DMR Mailing ZIP CODE: 01201
MAJOR
(SUBR W)
OUTFALL 006 WET WEATHER
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	NOD:(9)	******	NOD:(9)				
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		NOD:(9)	******	NOD:(9)				
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Three Every Quarter	COMPOS
Oil & grease	SAMPLE MEASUREMENT	******	******	******	******	******	NOD:(9)				
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	******	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)			******	NOD:(9)				
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Three Every Quarter	COMPOS
Rainfall	SAMPLE MEASUREMENT	0.01	0.01	IN	******	******	******	******	0	DAILY DISCHARGE	TOTALZ
46529 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	******	******	******	******		Daily When Discharging	TOTALZ
Flow, total	SAMPLE MEASUREMENT	0.0128	0.0128	MGD	******	******	******	******	0	CONT	RCONDR
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413) 448-5902		02-24-2010
MGR. PITTSFIELD REMEDIATION PROG.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY
TYPED OR PRINTED					

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

SEE PAGE 10 OF PERMIT. FLOW TOTAL SEE FOOTNOTE 4.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 159 PLASTICS AVE
PITTSFIELD, MA 01201

FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 159 PLASTICS AVE
PITTSFIELD, MA 01201

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	W06A-A
PERMIT NUMBER	**DISCHARGE NUMBER**

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	01/01/2010	**TO**	01/31/2010

DMR Mailing ZIP CODE: 01201
MAJOR
(SUBR W)
OUTFALL 06A WET WEATHER
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	NOD:(9)	******	NOD:(9)				
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		NOD:(9)	******	NOD:(9)				
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Quarterly	COMPOS
Oil & grease	SAMPLE MEASUREMENT	******	******	******	******	******	NOD:(9)				
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	******	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		NOD:(9)	******	NOD:(9)				
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Quarterly	COMPOS
Rainfall	SAMPLE MEASUREMENT	1.37	1.37	IN	******	******	******	******	0	DAILY WHEN DISCHARGING	TOTALZ
46529 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	******	******	******	******		Daily When Discharging	TOTALZ
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		******	******	******	******			
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR
Number of Events	SAMPLE MEASUREMENT	1	******	#	******	******	******	******	0	DAILY WHEN DISCHARGING	VISUAL
51484 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. TOTAL	******	#	******	******	******	******		Daily When Discharging	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413) 448-5903		02-24-2010
MGR. PITTSFIELD REMEDIATION PROJ.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY
TYPED OR PRINTED					

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

SEE PAGE 11 OF PERMIT. FLOW TOTAL SEE FOOTNOTE 4.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 159 PLASTICS AVE
PITTSFIELD, MA 01201

FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 159 PLASTICS AVE
PITTSFIELD, MA 01201

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	W06A-A
PERMIT NUMBER	**DISCHARGE NUMBER**

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	01/01/2010	**TO**	01/31/2010

DMR Mailing ZIP CODE: 01201
MAJOR
(SUBR W)
OUTFALL 06A WET WEATHER
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Flow, total	SAMPLE MEASUREMENT	NOD1(9)	NOD1(9)		******	******	******	******			
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PROG.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413) 448-5908		02-24-2010
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

SEE PAGE 11 OF PERMIT. FLOW TOTAL SEE FOOTNOTE 4.

Attachment E - Outfall 06A Wet

Date	pH	TSS MG/L	FN	Oil & Grease MG/L	FN	PCB UG/L	FN	Metered Flow - MGD	Calculated Flow - MGD	FN	Rainfall Total - In	Rainfall Peak - In
01/01/10											0.19	0.08
01/02/10											0.01	0.01
01/03/10											0.05	0.00
01/04/10											0.01	0.01
01/05/10											0.00	0.00
01/06/10											0.00	0.00
01/07/10											0.00	0.00
01/08/10											0.00	0.00
01/09/10											0.02	0.01
01/10/10											0.00	0.00
01/11/10											0.00	0.00
01/12/10											0.00	0.00
01/13/10											0.00	0.00
01/14/10											0.00	0.00
01/15/10											0.00	0.00
01/16/10											0.00	0.00
01/17/10											0.33	0.05
01/18/10											0.01	0.01
01/19/10											0.12	0.02
01/20/10											0.00	0.00
01/21/10											0.00	0.00
01/22/10											0.00	0.00
01/23/10											0.00	0.00
01/24/10											0.00	0.00
01/25/10	8.06	426.00	G	5.90	G	1.5740	G				0.17	0.03
01/26/10											1.37	0.34
01/27/10											0.00	0.00
01/28/10											0.00	0.00
01/29/10											0.12	0.04
01/30/10											0.00	0.00
01/31/10											0.00	0.00

FN 1 - (U) Indicates compound analyzed for but not detected
C - Composite sample
G - Grab sample

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 159 PLASTICS AVE
PITTSFIELD, MA 01201

FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 159 PLASTICS AVE
PITTSFIELD, MA 01201

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	SRO5-A
PERMIT NUMBER	**DISCHARGE NUMBER**

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	01/01/2010	TO	01/31/2010

DMR Mailing ZIP CODE: 01201
MAJOR
(SUBR W)
FLOW FROM 006 EXCEED CAP. OWS64X
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Rainfall	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		******	******	******	******			
46529 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	******	******	******	******		Daily When Discharging	TOTALZ
Number of Events	SAMPLE MEASUREMENT	NOD:(9)	******		******	******	******	******			
51484 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. TOTAL	******	#	******	******	******	******		Daily When Discharging	VISUAL
Flow, total	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		******	******	******	******			
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Daily When Discharging	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR PITTSFIELD REMEDIATION PROG	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413)448-5502		02-24-2010
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

TOTAL FLOW SEE FOOTNOTE 3.

Attachment E - Outfall SR05A

Date	Metered Flow - MGD	Rainfall Total - In	Rainfall Peak - In
01/01/10		0.19	0.08
01/02/10		0.01	0.01
01/03/10		0.05	0.00
01/04/10		0.01	0.01
01/05/10		0.00	0.00
01/06/10		0.00	0.00
01/07/10		0.00	0.00
01/08/10		0.00	0.00
01/09/10		0.02	0.01
01/10/10		0.00	0.00
01/11/10		0.00	0.00
01/12/10		0.00	0.00
01/13/10		0.00	0.00
01/14/10		0.00	0.00
01/15/10		0.00	0.00
01/16/10		0.00	0.00
01/17/10		0.00	0.00
01/18/10		0.33	0.05
01/19/10		0.01	0.01
01/20/10		0.12	0.02
01/21/10		0.00	0.00
01/22/10		0.00	0.00
01/23/10		0.00	0.00
01/24/10		0.00	0.00
01/25/10		0.17	0.03
01/26/10		1.37	0.34
01/27/10		0.00	0.00
01/28/10		0.00	0.00
01/29/10		0.12	0.04
01/30/10		0.00	0.00
01/31/10		0.00	0.00

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 159 PLASTICS AVE
PITTSFIELD, MA 01201

FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 159 PLASTICS AVE
PITTSFIELD, MA 01201

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	09B-A
PERMIT NUMBER	**DISCHARGE NUMBER**

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	01/01/2010	TO	01/31/2010

DMR Mailing ZIP CODE: 01201
MAJOR
(SUBR W)
OUTFALL 09B (119W)
Internal Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	NOD:(9)	******	NOD:(9)				
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		NOD:(9)	******	NOD:(9)				
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Three Every Quarter	COMP24
Oil & grease	SAMPLE MEASUREMENT	******	NOD:(9)		******	******	NOD:(9)				
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	******	438 DAILY MX	lb/d	******	******	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		NOD:(9)	******	NOD:(9)				
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Three Every Quarter	COMP24
Rainfall	SAMPLE MEASUREMENT	0.01	0.01	IN	******	******	******	******	0	CONT	RCORDR
46529 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	******	******	******	******		Continuous	RCORDR
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		******	******	******	******			
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR
Flow, total	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		******	******	******	******			
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413) 448-5907		02-24-2010
MGR. PITTSFIELD REMEDIATION PROJ.					
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

SEE PAGE 12 OF PERMIT; FLOW TOTAL SEE FOOTNOTE 4.

Attachment E - Outfall 09B

Date	pH	TSS MG/L	FN	Oil & Grease MG/L	FN	PCB UG/L	FN	Metered Flow - MGD	Calculated Flow - MGD	FN	Rainfall Total - In	Rainfall Peak - In
01/01/10											0.19	0.08
01/02/10											0.01	0.01
01/03/10											0.05	0.00
01/04/10											0.01	0.01
01/05/10											0.00	0.00
01/06/10											0.00	0.00
01/07/10											0.00	0.00
01/08/10											0.00	0.00
01/09/10											0.02	0.01
01/10/10											0.00	0.00
01/11/10											0.00	0.00
01/12/10		1.30	C			0	C				0.00	0.00
01/13/10											0.00	0.00
01/14/10											0.00	0.00
01/15/10											0.00	0.00
01/16/10											0.00	0.00
01/17/10											0.00	0.00
01/18/10	7.16			U4.20	1,G						0.33	0.05
01/19/10											0.01	0.01
01/20/10											0.12	0.02
01/21/10											0.00	0.00
01/22/10											0.00	0.00
01/23/10											0.00	0.00
01/24/10											0.00	0.00
01/25/10											0.17	0.03
01/26/10											1.37	0.34
01/27/10											0.00	0.00
01/28/10											0.00	0.00
01/29/10											0.12	0.04
01/30/10											0.00	0.00
01/31/10											0.00	0.00

FN 1 - (U) Indicates compound analyzed for but not detected
C - Composite sample
G - Grab sample

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 159 PLASTICS AVE
PITTSFIELD, MA 01201

FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 159 PLASTICS AVE
PITTSFIELD, MA 01201

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	D009-A
PERMIT NUMBER	**DISCHARGE NUMBER**

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	01/01/2010	TO	01/31/2010

DMR Mailing ZIP CODE: 01201
MAJOR
(SUBR W)
OUTFALL 009 DRY WEATHER
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	NOD:(9)	******	NOD:(9)				
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Twice Every Month	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		NOD:(9)	******	NOD:(9)				
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Twice Every Month	COMP24
Oil & grease	SAMPLE MEASUREMENT	******	******	******	NOD:(9)	******	NOD:(9)				
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	Req. Mon. MO AVG	******	15 DAILY MX	mg/L		Twice Every Month	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		NOD:(9)	******	NOD:(9)				
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Twice Every Month	COMP24
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0	0	MGD	******	******	******	******	0	WEEKLY	ESTIMA
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Weekly	ESTIMA
Flow, total	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		******	******	******	******			
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Twice Every Month	ESTIMA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PROJ	I certify, under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413) 499-5902		02-24-2010
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

SEE PAGE 13 OF PERMIT. FLOW TOTAL SEE FOOTNOTE 4.

Attachment E - Outfall 009 Dry

Date	Estimated Flow - MGD	Rainfall Total - In	Rainfall Peak - In
01/01/10		0.19	0.08
01/02/10		0.01	0.01
01/03/10	0	0.05	0.00
01/04/10		0.01	0.01
01/05/10		0.00	0.00
01/06/10		0.00	0.00
01/07/10		0.00	0.00
01/08/10		0.00	0.00
01/09/10		0.02	0.01
01/10/10	0	0.00	0.00
01/11/10		0.00	0.00
01/12/10		0.00	0.00
01/13/10		0.00	0.00
01/14/10		0.00	0.00
01/15/10		0.00	0.00
01/16/10		0.00	0.00
01/17/10	0	0.00	0.00
01/18/10		0.33	0.05
01/19/10		0.01	0.01
01/20/10		0.12	0.02
01/21/10		0.00	0.00
01/22/10		0.00	0.00
01/23/10		0.00	0.00
01/24/10	0	0.00	0.00
01/25/10		0.17	0.03
01/26/10		1.37	0.34
01/27/10		0.00	0.00
01/28/10		0.00	0.00
01/29/10		0.12	0.04
01/30/10		0.00	0.00
01/31/10	0	0.00	0.00

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 159 PLASTICS AVE
PITTSFIELD, MA 01201

FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 159 PLASTICS AVE
PITTSFIELD, MA 01201

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	W009-A
PERMIT NUMBER	**DISCHARGE NUMBER**

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	01/01/2010	**TO**	01/31/2010

DMR Mailing ZIP CODE: 01201
MAJOR
(SUBR W)
OUTFALL 009 WET WEATHER
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	NOD:(9)	******	NOD:(9)				
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		NOD:(9)	******	NOD:(9)				
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Three Every Quarter	COMPOS
Oil & grease	SAMPLE MEASUREMENT	******	******	******	******	******	NOD:(9)				
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	******	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		NOD:(9)	******	NOD:(9)				
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Three Every Quarter	COMPOS
Flow, total	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		******	******	******	******			
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PROJ.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413) 448-5902		02-24-2010
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

SEE PAGE 14 OF PERMIT TOTAL FLOW SEE FOOTNOTE 4