



GE  
159 Plastics Avenue  
Pittsfield, MA 01201  
USA

*Transmitted via Overnight Courier*

October 7, 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 September 2010 (GECD900)**

Dear Mr. Tagliaferro and Mr. Gorski:

Enclosed are copies of General Electric's (GE's) monthly progress report for September 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  
Remediation Project Manager

Enclosure

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)  
Karen Pelto, MDEP  
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)  
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)*

***September 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)  
SEPTEMBER 2010**

**a. Activities Undertaken/Completed**

- Continued GE-EPA electronic data exchanges for the Housatonic River Watershed.\*
- Attended Citizens Coordinating Council (CCC) meeting on September 29, 2010.\*

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

**c. Work Plans/Reports/Documents Submitted**

Submitted Hazardous Waste Facility License renewal application to MDEP in draft license format (September 20, 2010).

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

- Continue NPDES Permit-related sampling and monitoring activities.
- Attend public and CCC meetings, as appropriate.

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

GE's August 3, 2010 follow-up plan relating to the finding in October 2009 of residual oil in certain pipes located north of Building OP-2 is under EPA review.

**f. Proposed/Approved Work Plan Modifications**

None

**ITEM 1  
PLANT AREA  
20s, 30s, 40s COMPLEXES  
(GEC120)  
SEPTEMBER 2010**

**a. Activities Undertaken/Completed**

- Continued discussions with the Pittsfield Economic Development Authority (PEDA) relating to activities associated with future transfer of the former 40s Complex to PEDA.
- In coordination with PEDA, revised draft Grant of Environmental Restriction and Easement (ERE) for the former 40s Complex in light of comments from EPA and MDEP.\*
- Sent letter to CSX requesting subordinations of its easements to ERE for former 40s Complex (September 7, 2010).\*

**b. Sampling/Test Results Received**

None

**c. Work Plans/Reports/Documents Submitted**

- Provided revised draft of ERE for the former 40s Complex and associated survey plans and title commitment to EPA and MDEP for review (September 3 and 21, 2010).\*
- Sent letter to CSX requesting subordinations of its easements to ERE for former 40s Complex (September 7, 2010).\*
- Submitted revised draft Final Completion Report (FCR) for the 40s Complex Removal Action to EPA for review (September 16, 2010).\*
- Submitted report summarizing the annual ERE inspections performed at the former 20s and 30s Complexes on August 31, 2010 (September 24, 2010).\*
- Submitted report summarizing the annual temporary stockpile inspection performed at the former 40s Complex on August 31, 2010 (September 24, 2010).\*

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

- Continue discussions with PEDA relating to activities associated with future transfer of the former 40s Complex to PEDA.
- Re-submit the FCR for the former 40s Complex Removal Action to EPA following receipt of EPA comments on the above-referenced draft FCR.\*

**ITEM 1  
(cont'd)  
PLANT AREA  
20s, 30s, 40s COMPLEXES  
(GECD120)  
SEPTEMBER 2010**

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  
(GEC150)  
SEPTEMBER 2010**

**a. Activities Undertaken/Completed**

- Continued remediation actions in accordance with Final Removal Design/Removal Action (RD/RA) Work Plan and Supplemental Information Package (SIP).\*
- Performed ambient air monitoring for PCBs and particulate matter in conjunction with ongoing remediation actions, as indicated in Table 2-1.\*
- Provided verbal notification to EPA of ambient air PCB sampling result exceeding notification level (September 21, 2010).\*
- Continued to ship certain materials excavated during remediation actions and subject to regulation under the Toxic Substances Control Act (TSCA) and the Resource Conservation and Recovery Act (RCRA) to Waste Management facility in Port Arthur, Texas for incineration.\*
- Received letter from EPA concerning drum discovery and excavation procedures (September 23, 2010).\*
- Performed annual post-remediation inspection of cover at City Recreational Area (September 14, 2010).\*
- Continued relocation of above-ground pipeline adjacent to Averaging Area 4E.
- Collected and transferred approximately 350 gallons of water generated during remediation activities to Building 64G Groundwater Treatment Facility for treatment.
- Continued water sampling as part of the NPDES Permit-related Optimization Study, as indicated in Table 2-1.
- Performed September 2010 dry weather flow inspection activities associated with Drainage Basins 005 and 006 under GE's NPDES Permit-related Baseline Monitoring Plan.
- Performed the third and final "baseline" effectiveness sampling event at Oil/Water Separator (OWS) 64W, pursuant to GE's NPDES Permit Modification, as indicated in Table 2-1.
- Performed PCB wipe sampling of rail tracks, as indicated in Table 2-1.
- Conducted Liquid Phase Carbon Absorption (LPCA) sampling at Building 64G Groundwater Treatment Plant, as indicated in Table 2-1.

**ITEM 2  
(cont'd)  
PLANT AREA  
EAST STREET AREA 2-SOUTH  
(GEC150)  
SEPTEMBER 2010**

**b. Sampling/Test Results Received**

See attached tables.

**c. Work Plans/Reports/Documents Submitted**

- Submitted revised planting plan with plant list (September 2, 2010).\*
- Submitted letter to EPA requesting storage of TSCA/RCRA materials in Building 65 for more than 90 days (September 13, 2010).\*
- Submitted follow-up letter to verbal notification of ambient air PCB sampling result exceeding notification level (September 23, 2010).\*
- Submitted OWS 64Z Pilot Study Report pursuant to GE's NPDES Permit Modification (September 29, 2010).

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

- Continue remediation actions and associated air monitoring in accordance with Final RD/RA Work Plan and SIP.\*
- Continue shipments of TSCA/RCRA materials generated during remediation actions to Waste Management facility in Port Arthur, Texas for incineration.\*
- Submit response to EPA letter concerning drum discovery and excavation procedures.\*
- Submit report on annual post-remediation inspection of cover at City Recreational Area.\*
- Implement revised planting plan following EPA approval.\*
- Continue sampling as part of NPDES Permit-related Building 64G Treatment Optimization Study.
- Perform October 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.

**ITEM 2  
(cont'd)  
PLANT AREA  
EAST STREET AREA 2-SOUTH  
(GEC150)  
SEPTEMBER 2010**

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

- Perform “baseline” effectiveness sampling for OWS 64X pursuant to GE’s NPDES Permit Modification.
- Perform Wet Weather Ambient Monitoring Plan sampling activities in the fourth quarter pursuant to GE’s NPDES Permit Modification.

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues.

**f. Proposed/Approved Work Plan Modifications**

Received EPA conditional approval of request to store TSCA/RCRA materials in Building 65 for more than 90 days (September 30, 2010).\*

**TABLE 2-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING SEPTEMBER 2010**

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

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received by GE or ARCADIS</b>
Building 64G LPCA Monitoring	I10-64G-01	9/21/10	Water	Columbia	VOC	9/30/10
Building 64G LPCA Monitoring	I10-64G-02	9/21/10	Water	Columbia	VOC	9/30/10
Building 64G LPCA Monitoring	I10-64G-03	9/21/10	Water	Columbia	VOC	9/30/10
Building 64G LPCA Monitoring	I10-64G-04	9/21/10	Water	Columbia	VOC	9/30/10
Building 64G LPCA Monitoring	I10-64G-05	9/21/10	Water	Columbia	SVOC	9/30/10
Building 64G LPCA Monitoring	I10-64G-06	9/21/10	Water	Columbia	SVOC	9/30/10
Building 64G LPCA Monitoring	I10-64G-07	9/21/10	Water	Columbia	SVOC	9/30/10
Building 64G LPCA Monitoring	I10-64G-08	9/21/10	Water	Columbia	SVOC	9/30/10
Building 64G LPCA Monitoring	I10-64G-09	9/21/10	Water	Columbia	VOC	Cancelled
Building 64G LPCA Monitoring	I10-64G-10	9/21/10	Water	Columbia	VOC	Cancelled
Building 64G LPCA Monitoring	I10-64G-11	9/21/10	Water	Columbia	VOC	Cancelled
Building 64G LPCA Monitoring	I10-64G-12	9/21/10	Water	Columbia	VOC	Cancelled
Optimization Study	OPT-A-081810	8/18/10	Water	Columbia	TSS, TSS (f)	9/15/10
Optimization Study	OPT-A-082310	8/23/10	Water	Columbia	TSS, TSS (f)	9/15/10
Optimization Study	OPT-A-090210	9/2/10	Water	Columbia	TSS, TSS (f)	9/27/10
Optimization Study	OPT-A-090210	9/2/10	Water	SGS	PCB	9/13/10
Optimization Study	OPT-A-090610	9/6/10	Water	Columbia	TSS, TSS (f)	9/27/10
Optimization Study	OPT-A-090610	9/6/10	Water	SGS	PCB	9/14/10
Optimization Study	OPT-A-091210	9/12/10	Water	Columbia	TSS, TSS (f)	
Optimization Study	OPT-A-091210	9/12/10	Water	SGS	PCB	9/20/10
Optimization Study	OPT-A-092310	9/23/10	Water	Columbia	TSS, TSS (f)	
Optimization Study	OPT-A-092310	9/23/10	Water	SGS	PCB, PCB (f)	
Optimization Study	OPT-B-090210	9/2/10	Water	SGS	PCB	9/13/10
Optimization Study	OPT-B-090610	9/6/10	Water	SGS	PCB	9/14/10
Optimization Study	OPT-B-091210	9/12/10	Water	SGS	PCB	9/20/10
Optimization Study	OPT-B-092310	9/23/10	Water	SGS	PCB	
Optimization Study	OPT-C-090210	9/2/10	Water	SGS	PCB	9/13/10
Optimization Study	OPT-C-090610	9/6/10	Water	SGS	PCB	9/14/10
Optimization Study	OPT-C-091210	9/12/10	Water	SGS	PCB	9/20/10
Optimization Study	OPT-C-092310	9/23/10	Water	SGS	PCB	
Optimization Study	OPT-CO-1-090210	9/2/10	Water	SGS	PCB	9/13/10
Optimization Study	OPT-CO-1-090610	9/6/10	Water	SGS	PCB	9/14/10
Optimization Study	OPT-CO-2-091210	9/12/10	Water	SGS	PCB	9/20/10
Optimization Study	OPT-CO-2-092310	9/23/10	Water	SGS	PCB	
Optimization Study	OPT-D-081810	8/18/10	Water	Columbia	TSS, TSS (f)	9/15/10

**TABLE 2-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING SEPTEMBER 2010**

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

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received by GE or ARCADIS</b>
Optimization Study	OPT-D-082310	8/23/10	Water	Columbia	TSS, TSS (f)	9/15/10
Optimization Study	OPT-D-090210	9/2/10	Water	Columbia	TSS, TSS (f)	9/27/10
Optimization Study	OPT-D-090210	9/2/10	Water	SGS	PCB	9/13/10
Optimization Study	OPT-D-090610	9/6/10	Water	Columbia	TSS, TSS (f)	9/27/10
Optimization Study	OPT-D-090610	9/6/10	Water	SGS	PCB	9/14/10
Optimization Study	OPT-D-091210	9/12/10	Water	Columbia	TSS, TSS (f)	
Optimization Study	OPT-D-091210	9/12/10	Water	SGS	PCB	9/20/10
Optimization Study	OPT-D-092310	9/23/10	Water	Columbia	TSS, TSS (f)	
Optimization Study	OPT-D-092310	9/23/10	Water	SGS	PCB, PCB (f)	
Optimization Study	OPT-DUP-23 (OPT-D-082310)	8/23/10	Water	Columbia	TSS	9/15/10
Optimization Study	OPT-DUP-24 (OPT-D-082310)	8/23/10	Water	Columbia	TSS (f)	9/15/10
Optimization Study	OPT-DUP-26 (OPT-A-091210)	9/12/10	Water	Columbia	TSS	
Optimization Study	OPT-DUP-27 (OPT-A-091210)	9/12/10	Water	Columbia	TSS (f)	
Optimization Study	OPT-DUP-28 (OPT-IT-091210)	9/12/10	Water	SGS	PCB	9/20/10
Optimization Study	OPT-DUP-29 (OPT-D-092310)	9/23/10	Water	SGS	PCB (f)	
Optimization Study	OPT-IT-090210	9/2/10	Water	SGS	PCB	9/13/10
Optimization Study	OPT-IT-090610	9/6/10	Water	SGS	PCB	9/14/10
Optimization Study	OPT-IT-091210	9/12/10	Water	SGS	PCB	9/20/10
Optimization Study	OPT-IT-092310	9/23/10	Water	SGS	PCB	
OWS-64W Baseline Sampling	OWS-64W-EFF.	8/22/10	Water	Columbia	TSS	9/10/10
OWS-64W Baseline Sampling	OWS-64W-EFF.	9/16/10	Water	Columbia	TSS	
OWS-64W Baseline Sampling	OWS-64W-EFF.	9/16/10	Water	SGS	PCB	9/27/10
OWS-64W Baseline Sampling	OWS-64W-INF.	8/22/10	Water	Columbia	TSS	9/10/10
OWS-64W Baseline Sampling	OWS-64W-INF.	9/16/10	Water	Columbia	TSS	
OWS-64W Baseline Sampling	OWS-64W-INF.	9/16/10	Water	SGS	PCB	9/27/10
OWS-64W Baseline Sampling	OWS-64X-EFF.	8/22/10	Water	Columbia	TSS	9/10/10
OWS-64W Baseline Sampling	OWS-64X-INF.	8/22/10	Water	Columbia	TSS	9/10/10
OWS-64X Baseline Sampling	OWS-64X-EFF.	9/28/10	Water	Columbia	TSS	
OWS-64X Baseline Sampling	OWS-64X-EFF.	9/28/10	Water	SGS	PCB	
OWS-64X Baseline Sampling	OWS-64X-INF.	9/28/10	Water	Columbia	TSS	
OWS-64X Baseline Sampling	OWS-64X-INF.	9/28/10	Water	SGS	PCB	
Rail Tracks Sampling	W-1	9/1/10	Wipe	SGS	PCB	9/8/10
Rail Tracks Sampling	W-2	9/1/10	Wipe	SGS	PCB	9/8/10
Rail Tracks Sampling	W-3	9/1/10	Wipe	SGS	PCB	9/8/10

**TABLE 2-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING SEPTEMBER 2010**

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

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received by GE or ARCADIS</b>
Ambient Air Particulate Matter Sampling	ES2S-1	9/1/2010	Air	Berkshire Environmental	Particulate Matter	9/7/2010
Ambient Air Particulate Matter Sampling	ES2S-2	9/1/2010	Air	Berkshire Environmental	Particulate Matter	9/7/2010
Ambient Air Particulate Matter Sampling	ES2S-8	9/1/2010	Air	Berkshire Environmental	Particulate Matter	9/7/2010
Ambient Air Particulate Matter Sampling	ES2S-9	9/1/2010	Air	Berkshire Environmental	Particulate Matter	9/7/2010
Ambient Air Particulate Matter Sampling	Background Location	9/1/2010	Air	Berkshire Environmental	Particulate Matter	9/7/2010
Ambient Air Particulate Matter Sampling	ES2S-1	9/2/2010	Air	Berkshire Environmental	Particulate Matter	9/7/2010
Ambient Air Particulate Matter Sampling	ES2S-2	9/2/2010	Air	Berkshire Environmental	Particulate Matter	9/7/2010
Ambient Air Particulate Matter Sampling	ES2S-8	9/2/2010	Air	Berkshire Environmental	Particulate Matter	9/7/2010
Ambient Air Particulate Matter Sampling	ES2S-9	9/2/2010	Air	Berkshire Environmental	Particulate Matter	9/7/2010
Ambient Air Particulate Matter Sampling	Background Location	9/2/2010	Air	Berkshire Environmental	Particulate Matter	9/7/2010
Ambient Air Particulate Matter Sampling	ES2S-1	9/3/2010	Air	Berkshire Environmental	Particulate Matter	9/7/2010
Ambient Air Particulate Matter Sampling	ES2S-2	9/3/2010	Air	Berkshire Environmental	Particulate Matter	9/7/2010
Ambient Air Particulate Matter Sampling	ES2S-7	9/3/2010	Air	Berkshire Environmental	Particulate Matter	9/7/2010
Ambient Air Particulate Matter Sampling	ES2S-8	9/3/2010	Air	Berkshire Environmental	Particulate Matter	9/7/2010
Ambient Air Particulate Matter Sampling	ES2S-9	9/3/2010	Air	Berkshire Environmental	Particulate Matter	9/7/2010
Ambient Air Particulate Matter Sampling	Background Location	9/3/2010	Air	Berkshire Environmental	Particulate Matter	9/7/2010
Ambient Air Particulate Matter Sampling	ES2S-1	9/7/2010	Air	Berkshire Environmental	Particulate Matter	9/13/2010
Ambient Air Particulate Matter Sampling	ES2S-2	9/7/2010	Air	Berkshire Environmental	Particulate Matter	9/13/2010
Ambient Air Particulate Matter Sampling	ES2S-7	9/7/2010	Air	Berkshire Environmental	Particulate Matter	9/13/2010
Ambient Air Particulate Matter Sampling	ES2S-8	9/7/2010	Air	Berkshire Environmental	Particulate Matter	9/13/2010
Ambient Air Particulate Matter Sampling	ES2S-9	9/7/2010	Air	Berkshire Environmental	Particulate Matter	9/13/2010
Ambient Air Particulate Matter Sampling	Background Location	9/7/2010	Air	Berkshire Environmental	Particulate Matter	9/13/2010
Ambient Air Particulate Matter Sampling	ES2S-1	9/8/2010	Air	Berkshire Environmental	Particulate Matter	9/13/2010
Ambient Air Particulate Matter Sampling	ES2S-2	9/8/2010	Air	Berkshire Environmental	Particulate Matter	9/13/2010
Ambient Air Particulate Matter Sampling	ES2S-7	9/8/2010	Air	Berkshire Environmental	Particulate Matter	9/13/2010
Ambient Air Particulate Matter Sampling	ES2S-8	9/8/2010	Air	Berkshire Environmental	Particulate Matter	9/13/2010
Ambient Air Particulate Matter Sampling	ES2S-9	9/8/2010	Air	Berkshire Environmental	Particulate Matter	9/13/2010
Ambient Air Particulate Matter Sampling	Background Location	9/8/2010	Air	Berkshire Environmental	Particulate Matter	9/13/2010
Ambient Air Particulate Matter Sampling	ES2S-1	9/9/2010	Air	Berkshire Environmental	Particulate Matter	9/13/2010
Ambient Air Particulate Matter Sampling	ES2S-2	9/9/2010	Air	Berkshire Environmental	Particulate Matter	9/13/2010
Ambient Air Particulate Matter Sampling	ES2S-7	9/9/2010	Air	Berkshire Environmental	Particulate Matter	9/13/2010
Ambient Air Particulate Matter Sampling	ES2S-8	9/9/2010	Air	Berkshire Environmental	Particulate Matter	9/13/2010
Ambient Air Particulate Matter Sampling	ES2S-9	9/9/2010	Air	Berkshire Environmental	Particulate Matter	9/13/2010
Ambient Air Particulate Matter Sampling	Background Location	9/9/2010	Air	Berkshire Environmental	Particulate Matter	9/13/2010
Ambient Air Particulate Matter Sampling	ES2S-1	9/10/2010	Air	Berkshire Environmental	Particulate Matter	9/13/2010

**TABLE 2-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING SEPTEMBER 2010**

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

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received by GE or ARCADIS</b>
Ambient Air Particulate Matter Sampling	ES2S-2R	9/10/2010	Air	Berkshire Environmental	Particulate Matter	9/13/2010
Ambient Air Particulate Matter Sampling	ES2S-7	9/10/2010	Air	Berkshire Environmental	Particulate Matter	9/13/2010
Ambient Air Particulate Matter Sampling	ES2S-8	9/10/2010	Air	Berkshire Environmental	Particulate Matter	9/13/2010
Ambient Air Particulate Matter Sampling	ES2S-9	9/10/2010	Air	Berkshire Environmental	Particulate Matter	9/13/2010
Ambient Air Particulate Matter Sampling	Background Location	9/10/2010	Air	Berkshire Environmental	Particulate Matter	9/13/2010
Ambient Air Particulate Matter Sampling	ES2S-1	9/13/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	ES2S-2R	9/13/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	ES2S-7	9/13/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	ES2S-8	9/13/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	ES2S-9	9/13/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	Background Location	9/13/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	ES2S-1	9/14/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	ES2S-2R	9/14/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	ES2S-7	9/14/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	ES2S-8	9/14/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	ES2S-9	9/14/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	Background Location	9/14/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	ES2S-1	9/15/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	ES2S-2R	9/15/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	ES2S-7	9/15/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	ES2S-8	9/15/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	ES2S-9	9/15/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	Background Location	9/15/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	ES2S-1	9/16/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	ES2S-2R	9/16/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	ES2S-7	9/16/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	ES2S-8	9/16/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	ES2S-9	9/16/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	Background Location	9/16/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	ES2S-1	9/17/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	ES2S-2R	9/17/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	ES2S-7	9/17/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	ES2S-8	9/17/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	ES2S-9	9/17/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010
Ambient Air Particulate Matter Sampling	Background Location	9/17/2010	Air	Berkshire Environmental	Particulate Matter	9/20/2010

**TABLE 2-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING SEPTEMBER 2010**

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

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received by GE or ARCADIS</b>
Ambient Air Particulate Matter Sampling	ES2S-1	9/20/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	ES2S-2R	9/20/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	ES2S-7	9/20/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	ES2S-8	9/20/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	ES2S-9	9/20/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	Background Location	9/20/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	ES2S-1	9/21/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	ES2S-2R	9/21/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	ES2S-7	9/21/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	ES2S-8	9/21/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	ES2S-9	9/21/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	Background Location	9/21/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	ES2S-1	9/22/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	ES2S-2R	9/22/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	ES2S-7	9/22/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	ES2S-8	9/22/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	ES2S-9	9/22/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	Background Location	9/22/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	ES2S-1	9/23/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	ES2S-2R	9/23/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	ES2S-7	9/23/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	ES2S-8	9/23/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	ES2S-9	9/23/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	Background Location	9/23/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	ES2S-1	9/24/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	ES2S-2R	9/24/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	ES2S-7	9/24/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	ES2S-8	9/24/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	ES2S-9	9/24/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	Background Location	9/24/2010	Air	Berkshire Environmental	Particulate Matter	9/27/2010
Ambient Air Particulate Matter Sampling	ES2S-2R	9/27/2010	Air	Berkshire Environmental	Particulate Matter	10/1/2010
Ambient Air Particulate Matter Sampling	ES2S-7	9/27/2010	Air	Berkshire Environmental	Particulate Matter	10/1/2010
Ambient Air Particulate Matter Sampling	ES2S-8	9/27/2010	Air	Berkshire Environmental	Particulate Matter	10/1/2010
Ambient Air Particulate Matter Sampling	ES2S-9	9/27/2010	Air	Berkshire Environmental	Particulate Matter	10/1/2010
Ambient Air Particulate Matter Sampling	Background Location	9/27/2010	Air	Berkshire Environmental	Particulate Matter	10/1/2010



**TABLE 2-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING SEPTEMBER 2010**

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

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received by GE or ARCADIS</b>
Ambient Air Particulate Matter Sampling	ES2S-2R	9/28/2010	Air	Berkshire Environmental	Particulate Matter	10/1/2010
Ambient Air Particulate Matter Sampling	ES2S-7	9/28/2010	Air	Berkshire Environmental	Particulate Matter	10/1/2010
Ambient Air Particulate Matter Sampling	ES2S-8	9/28/2010	Air	Berkshire Environmental	Particulate Matter	10/1/2010
Ambient Air Particulate Matter Sampling	ES2S-9	9/28/2010	Air	Berkshire Environmental	Particulate Matter	10/1/2010
Ambient Air Particulate Matter Sampling	Background Location	9/28/2010	Air	Berkshire Environmental	Particulate Matter	10/1/2010
Ambient Air Particulate Matter Sampling	ES2S-2R	9/29/2010	Air	Berkshire Environmental	Particulate Matter	10/1/2010
Ambient Air Particulate Matter Sampling	ES2S-7	9/29/2010	Air	Berkshire Environmental	Particulate Matter	10/1/2010
Ambient Air Particulate Matter Sampling	ES2S-8	9/29/2010	Air	Berkshire Environmental	Particulate Matter	10/1/2010
Ambient Air Particulate Matter Sampling	ES2S-9	9/29/2010	Air	Berkshire Environmental	Particulate Matter	10/1/2010
Ambient Air Particulate Matter Sampling	Background Location	9/29/2010	Air	Berkshire Environmental	Particulate Matter	10/1/2010
Ambient Air Particulate Matter Sampling	ES2S-2R	9/30/2010	Air	Berkshire Environmental	Particulate Matter	10/1/2010
Ambient Air Particulate Matter Sampling	ES2S-7	9/30/2010	Air	Berkshire Environmental	Particulate Matter	10/1/2010
Ambient Air Particulate Matter Sampling	ES2S-8	9/30/2010	Air	Berkshire Environmental	Particulate Matter	10/1/2010
Ambient Air Particulate Matter Sampling	ES2S-9	9/30/2010	Air	Berkshire Environmental	Particulate Matter	10/1/2010
Ambient Air Particulate Matter Sampling	Background Location	9/30/2010	Air	Berkshire Environmental	Particulate Matter	10/1/2010
PCB Ambient Air Sampling	ES2S-2R	09/14/10-09/15/10	Air	NEA	PCB	9/23/2010
PCB Ambient Air Sampling	ES2S-2RCO (colocated)	09/14/10-09/15/10	Air	NEA	PCB	9/23/2010
PCB Ambient Air Sampling	ES2S-7	09/14/10-09/15/10	Air	NEA	PCB	9/23/2010
PCB Ambient Air Sampling	ES2S-8	09/14/10-09/15/10	Air	NEA	PCB	9/23/2010
PCB Ambient Air Sampling	Background - East of Building 9B	09/14/10-09/15/10	Air	NEA	PCB	9/23/2010

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 SEPTEMBER 2010**  
**OWS-64W AND OWS-64X BASELINE SAMPLING**  
**EAST STREET AREA 2-SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**(Results are presented in parts per million, ppm)**

Parameter	Sample ID: Date Collected:	OWS-64W-EFF. 08/22/10	OWS-64W-EFF. 09/16/10	OWS-64W-INF. 08/22/10	OWS-64W-INF. 09/16/10	OWS-64X-EFF. 08/22/10	OWS-64X-INF. 08/22/10
<b>PCBs-Unfiltered</b>							
Aroclor-1254		NA	0.00075	NA	0.0011	NA	NA
Aroclor-1260		NA	0.0017	NA	0.0021	NA	NA
Total PCBs		NA	0.00245	NA	0.0032	NA	NA
<b>Conventional</b>							
Total Suspended Solids		19.0	NA	22.5	NA	22.9	34.8

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.
2. NA - Not Analyzed.

**TABLE 2-3  
PCB DATA RECEIVED DURING SEPTEMBER 2010**

**RAIL TRACKS SAMPLING  
EAST STREET AREA 2-SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in  $\mu\text{g}/100\text{cm}^2$ )**

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
W-1	9/1/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
W-2	9/1/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
W-3	9/1/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)

Notes:

1. Samples were collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of PCBs constituents.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

**TABLE 2-4  
DATA RECEIVED DURING SEPTEMBER 2010**

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

Parameter	Sample ID: Date Collected:	OPT-A-081810 08/18/10	OPT-A-082310 08/23/10	OPT-A-090210 09/02/10	OPT-A-090610 09/06/10	OPT-A-091210 09/12/10	OPT-B-090210 09/02/10	OPT-B-090610 09/06/10	OPT-B-091210 09/12/10
<b>PCBs-Unfiltered</b>									
Aroclor-1248		NA	NA	ND(0.000015)	0.00013	0.00010	ND(0.000015)	ND(0.000015)	0.000030
Aroclor-1254		NA	NA	ND(0.000015)	0.000096	0.00011	ND(0.000015)	0.000015 J	0.000018
Aroclor-1260		NA	NA	ND(0.000015)	ND(0.000015)	0.000075	ND(0.000015)	ND(0.000015)	0.0000078 J
Total PCBs		NA	NA	ND(0.000015)	0.000226	0.000285	ND(0.000015)	0.000015 J	0.0000558
<b>Conventional-Unfiltered</b>									
Total Suspended Solids		8.40	2.40	2.00	1.30	NA	NA	NA	NA
<b>Conventional-Filtered</b>									
Total Suspended Solids		6.60	1.80	1.00	ND(1.00)	NA	NA	NA	NA

**TABLE 2-4  
DATA RECEIVED DURING SEPTEMBER 2010**

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

Parameter	Sample ID: Date Collected:	OPT-C-090210 09/02/10	OPT-C-090610 09/06/10	OPT-C-091210 09/12/10	OPT-CO-1-090210 09/02/10	OPT-CO-1-090610 09/06/10	OPT-CO-2-091210 09/12/10	OPT-D-081810 08/18/10
<b>PCBs-Unfiltered</b>								
Aroclor-1248		ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000015)	0.00013	0.00012	NA
Aroclor-1254		ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000015)	0.000067	0.000050	NA
Aroclor-1260		ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000015)	0.000038	ND(0.000015)	NA
Total PCBs		ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000015)	0.000235	0.00017	NA
<b>Conventional-Unfiltered</b>								
Total Suspended Solids		NA	NA	NA	NA	NA	NA	ND(1.00)
<b>Conventional-Filtered</b>								
Total Suspended Solids		NA	NA	NA	NA	NA	NA	ND(1.00)

**TABLE 2-4  
DATA RECEIVED DURING SEPTEMBER 2010**

**OPTIMIZATION STUDY  
EAST STREET AREA 2-SOUTH  
GENERAL ELECTRIC COMPANY -p ITTSFIELD, MASSACHUSETTS  
(Results are presented in parts per million, ppm)**

Parameter	Sample ID: Date Collected:	OPT-D-082310 08/23/10	OPT-D-090210 09/02/10	OPT-D-090610 09/06/10	OPT-D-091210 09/12/10	OPT-IT-090210 09/02/10	OPT-IT-090610 09/06/10	OPT-IT-091210 09/12/10
<b>PCBs-Unfiltered</b>								
Aroclor-1248		NA	ND(0.000015)	ND(0.000015)	ND(0.000015)	0.0018	0.00076	0.011 [0.00088]
Aroclor-1254		NA	ND(0.000015)	ND(0.000015)	ND(0.000015)	0.0063	0.0022	0.020 [0.0030]
Aroclor-1260		NA	ND(0.000015)	ND(0.000015)	ND(0.000015)	0.0069	0.0031	0.012 [0.0027]
Total PCBs		NA	ND(0.000015)	ND(0.000015)	ND(0.000015)	0.015	0.00606	0.043 [0.00658]
<b>Conventional-Unfiltered</b>								
Total Suspended Solids		ND(1.00) [ND(1.00)]	ND(1.00)	ND(1.00)	NA	NA	NA	NA
<b>Conventional-Filtered</b>								
Total Suspended Solids		ND(1.00) [ND(1.00)]	ND(1.00)	ND(1.00)	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.

Data Qualifiers:

Organics (PCBs)

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

**TABLE 2-5  
DATA RECEIVED DURING SEPTEMBER 2010**

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

Sample ID: Parameter Date Collected:	I10-64G-01 09/21/10	I10-64G-02 09/21/10	I10-64G-03 09/21/10	I10-64G-04 09/21/10	I10-64G-05 09/21/10	I10-64G-06 09/21/10	I10-64G-07 09/21/10	I10-64G-08 09/21/10
<b>Volatile Organics</b>								
1,1,1-Trichloroethane	0.00093 J	0.00090 J	0.0011	0.00080 J	NA	NA	NA	NA
1,1-Dichloroethane	0.0018	0.0018	0.0020	0.0015	NA	NA	NA	NA
1,2-Dichlorobenzene	0.00060 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA
1,3-Dichlorobenzene	0.0051	0.0012	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA
1,4-Dichlorobenzene	0.015	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA
Benzene	0.039	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA
Chlorobenzene	0.12	0.00044 J	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA
Chloroethane	0.00076 J	0.00066 J	0.00055 J	0.00061 J	NA	NA	NA	NA
Ethylbenzene	0.043	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA
Toluene	0.0012	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA
trans-1,2-Dichloroethene	0.00027 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA
Trichloroethene	0.00034 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA
Vinyl Chloride	0.0015	0.00059 J	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA
<b>Semivolatile Organics</b>								
1,2,4-Trichlorobenzene	NA	NA	NA	NA	0.0023 J	ND(0.0047)	ND(0.0047)	ND(0.0047)
Acenaphthene	NA	NA	NA	NA	0.044	ND(0.0047)	ND(0.0047)	ND(0.0047)
Acenaphthylene	NA	NA	NA	NA	0.0015 J	ND(0.0047)	ND(0.0047)	ND(0.0047)
Anthracene	NA	NA	NA	NA	0.0015 J	ND(0.0047)	ND(0.0047)	ND(0.0047)
Fluoranthene	NA	NA	NA	NA	0.0017 J	ND(0.0047)	ND(0.0047)	ND(0.0047)
Fluorene	NA	NA	NA	NA	0.011	ND(0.0047)	ND(0.0047)	ND(0.0047)
Naphthalene	NA	NA	NA	NA	0.11	ND(0.0047)	ND(0.0047)	ND(0.0047)
Phenanthrene	NA	NA	NA	NA	0.0061	ND(0.0047)	ND(0.0047)	ND(0.0047)
Phenol	NA	NA	NA	NA	0.0017 J	ND(0.0047)	ND(0.0047)	ND(0.0047)
Pyrene	NA	NA	NA	NA	0.0019 J	ND(0.0047)	ND(0.0047)	ND(0.0047)

Notes:

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

Data Qualifiers:

Organics (volatiles, semivolatiles)

**TABLE 2-6  
 AMBIENT AIR PCB DATA RECEIVED DURING SEPTEMBER 2010**

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

Sampling Event Period	Date Analytical Results Received by Berkshire Environmental Consultants, Inc.	Field Blank (µg/PUF)	ES2S-2R <sup>1</sup> (µg/m <sup>3</sup> )	ES2S-2RCO <sup>1</sup> (colocated) (µg/m <sup>3</sup> )	ES2S-7 (µg/m <sup>3</sup> )	ES2S-8 (µg/m <sup>3</sup> )	Background - East of Building 9B (µg/m <sup>3</sup> )
09/14/10-09/15/10	09/21/10	ND (<0.10)	0.0472	0.0426	0.0708 <sup>2</sup>	0.0405	0.0005
Notification Level			0.05	0.05	0.05	0.05	0.05
Action Level			0.10	0.10	0.10	0.10	0.10

Notes:

ND - Non-Detect

<sup>1</sup> Sampling location ES2S-2 was relocated at the end of the day on September 9, 2010 to a location approximately 40 feet west and renamed ES2S-2R. This location was moved to maintain an adequate distance from on-site earth moving activities which had migrated

<sup>2</sup> Represents an exceedance of the notification level.

<sup>3</sup> (µg/m<sup>3</sup>) = micrograms per cubic meter.



**TABLE 2-7  
 AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING SEPTEMBER 2010<sup>1</sup>**

**PARTICULATE AMBIENT AIR CONCENTRATIONS  
 EAST STREET AREA 2 - SOUTH  
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

<b>Sampling Date<sup>2</sup></b>	<b>Sampler Location</b>	<b>Average Site Concentration (mg/m<sup>3</sup>)</b>	<b>Background Site Concentration (mg/m<sup>3</sup>)</b>	<b>Average Period (Hours:Min)</b>	<b>Predominant Wind Direction</b>
09/01/10	ES2S-1	0.033	0.031	10:45	Variable
	ES2S-2	0.030		10:45	
	ES2S-8	0.028		10:30	
	ES2S-9	0.031		10:45	
09/02/10	ES2S-1	0.032	0.029	10:45	SSW
	ES2S-2	0.031		10:45	
	ES2S-8	0.028		10:30	
	ES2S-9	0.029		10:45	
09/03/10	ES2S-1	0.036	0.030	10:45	Calm
	ES2S-2	0.034		10:45	
	ES2S-7 <sup>3</sup>	0.045 **		8:00 <sup>4</sup>	
	ES2S-8	0.027		10:30	
	ES2S-9	0.032		10:45	
09/07/10	ES2S-1	0.025	0.013	10:45	SSW
	ES2S-2	0.017		10:45	
	ES2S-7	0.012 **		10:45	
	ES2S-8	0.020		10:30	
	ES2S-9	0.016		10:45	
09/08/10	ES2S-1	0.015	0.016	10:45	WNW
	ES2S-2	0.024		10:45	
	ES2S-7	0.021 **		11:00	
	ES2S-8	0.019		10:30	
	ES2S-9	0.014		10:45	
09/09/10	ES2S-1	0.008	0.005	10:45	WNW
	ES2S-2	0.009		10:45	
	ES2S-7	0.007 **		11:15	
	ES2S-8	0.018		10:30	
	ES2S-9	0.005		10:45	
09/10/10	ES2S-1	0.007	0.004	10:45	NNW
	ES2S-2R <sup>5</sup>	0.011		10:15	
	ES2S-7	0.002 **		11:00	
	ES2S-8	0.019		10:30	
	ES2S-9	0.008		10:45	
09/13/10	ES2S-1	0.006	0.005	10:45	SSW
	ES2S-2R	0.008		10:45	
	ES2S-7	0.006 **		11:15	
	ES2S-8	0.009		10:30	
	ES2S-9	0.006		10:45	

**TABLE 2-7  
 AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING SEPTEMBER 2010<sup>1</sup>**

**PARTICULATE AMBIENT AIR CONCENTRATIONS  
 EAST STREET AREA 2 - SOUTH  
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Sampling Date <sup>2</sup>	Sampler Location	Average Site Concentration (mg/m <sup>3</sup> )	Background Site Concentration (mg/m <sup>3</sup> )	Average Period (Hours:Min)	Predominant Wind Direction
09/14/10	ES2S-1	0.011	0.007	10:45	WNW
	ES2S-2R	0.019		10:45	
	ES2S-7	0.012 **		11:15	
	ES2S-8	0.034		9:45 <sup>6</sup>	
	ES2S-9	0.020		10:45	
09/15/10	ES2S-1	0.007	0.004	10:45	WNW
	ES2S-2R	0.018		10:45	
	ES2S-7	0.005 **		11:45	
	ES2S-8	0.018		10:45	
	ES2S-9	0.006		10:45	
09/16/10	ES2S-1	0.012	0.007	10:45	Variable
	ES2S-2R	0.009		10:45	
	ES2S-7	0.008 **		11:30	
	ES2S-8	0.011		10:45	
	ES2S-9	0.009		10:45	
09/17/10	ES2S-1	0.007	0.006	10:45	NNW
	ES2S-2R	0.007		10:45	
	ES2S-7	0.003 **		10:45	
	ES2S-8	0.008		10:45	
	ES2S-9	0.004		10:45	
09/20/10	ES2S-1	0.014	0.006	10:45	NNW
	ES2S-2R	0.010		10:45	
	ES2S-7	0.004 **		10:30	
	ES2S-8	0.036		10:45	
	ES2S-9	0.007		10:45	
09/21/10	ES2S-1	0.008	0.005	10:45	SSW
	ES2S-2R	0.009		10:45	
	ES2S-7	0.005 **		11:15	
	ES2S-8	0.007		10:45	
	ES2S-9	0.009		10:45	
09/22/10	ES2S-1	0.016	0.012	10:45	WSW
	ES2S-2R	0.016		10:45	
	ES2S-7	0.014 **		11:00	
	ES2S-8	0.013		10:45	
	ES2S-9	0.017		10:45	
09/23/10	ES2S-1	0.011	0.009	10:45	WSW
	ES2S-2R	0.011		10:45	
	ES2S-7	0.011 **		11:15	
	ES2S-8	0.007		10:45	
	ES2S-9	0.010		10:45	

**TABLE 2-7  
 AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING SEPTEMBER 2010<sup>1</sup>**

**PARTICULATE AMBIENT AIR CONCENTRATIONS  
 EAST STREET AREA 2 - SOUTH  
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Sampling Date <sup>2</sup>	Sampler Location	Average Site Concentration (mg/m <sup>3</sup> )	Background Site Concentration (mg/m <sup>3</sup> )	Average Period (Hours:Min)	Predominant Wind Direction
09/24/10	ES2S-1 <sup>7</sup>	0.027	0.022	10:45	SSW
	ES2S-2R	0.021		10:45	
	ES2S-7	0.031 **		11:30	
	ES2S-8	0.017		10:45	
	ES2S-9	0.020		10:45	
09/27/10	ES2S-2R	0.003	0.005	10:45	Variable
	ES2S-7	0.002 **		11:00	
	ES2S-8	0.004		10:45	
	ES2S-9	0.002		10:45	
09/28/10	ES2S-2R	0.005	0.009	10:45	SSW
	ES2S-7	0.007 **		11:00	
	ES2S-8	0.007		10:45	
	ES2S-9	0.007		10:45	
09/29/10	ES2S-2R	0.010	0.006	10:45	Variable
	ES2S-7	0.009 **		11:00	
	ES2S-8	0.004		10:45	
	ES2S-9	0.006		10:45	
09/30/10	ES2S-2R	0.004	0.006	10:45	Calm
	ES2S-7	0.011 **		11:15	
	ES2S-8	0.011		10:45	
	ES2S-9	0.007		10:45	
Notification Level		0.120			

**Notes:**

All concentrations measured with an EBAM unless otherwise noted.

\*\* Measured with a DR-4000.

Background monitoring station is located east of Building 9B, between Building 9B and New York Avenue (BK-3).

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

<sup>1</sup> Monitoring was performed only on days when site activities occurred.

<sup>2</sup> The particulate monitors obtain real-time data. The sampling data were obtained by Berkshire Environmental Consultants, Inc. on the sampling

<sup>3</sup> Sampling location added to reflect progression of site activities.

<sup>4</sup> Reading reflects average concentration and averaging period manually recorded at the end of the day. Unable to download data due to data

<sup>5</sup> Sampling location ES2S-2 was relocated at the end of the day on September 9, 2010 to a location approximately 40 feet west and renamed ES2S-2R. This location was moved to maintain an adequate distance from on-site earth moving activities which had migrated to the vicinity of

<sup>6</sup> Shortened sampling period due to power interruption.

<sup>7</sup> This represents the final day of sampling at this location due to the progression of site activities.

**ITEM 3  
PLANT AREA  
EAST STREET AREA 2-NORTH  
(GEC140)  
SEPTEMBER 2010**

**a. Activities Undertaken/Completed**

- Performed September 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.
- Continued pavement repairs in the former 19s Complex pursuant to EPA's conditional approval letter dated August 20, 2007.
- Performed necessary repairs to vegetated embankments in the 19s Complex pursuant to observations made during the August 31, 2010 semi-annual inspection.\*
- Conducted waste characterization PCB sampling of road sweepings, as indicated in Table 3-1.

**b. Sampling/Test Results Received**

See attached tables.

**c. Work Plans/Reports/Documents Submitted**

- Submitted report on August/September 2010 inspection of vegetated areas (September 28, 2010).\*
- Submitted report on first semi-annual (August/September 2010) inspection of vegetated embankments constructed in the former 19s Complex (September 24, 2010).\*

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

- Perform October 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.
- Complete pavement repairs in the former 19s Complex.
- Work on drafting and surveys for EREs for portions of East Street Area 2-North.\*

**ITEM 3  
(cont'd)  
PLANT AREA  
EAST STREET AREA 2-NORTH  
(GEC140)  
SEPTEMBER 2010**

**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 planning to revise that proposal based on discussions with PEDA.\*

**f. Proposed/Approved Work Plan Modifications**

None

**TABLE 3-1**  
**DATA RECEIVED AND/OR SAMPLES COLLECTED DURING SEPTEMBER 2010**  
**EAST STREET AREA 2 - NORTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received by GE or ARCADIS</b>
Road Sweepings Waste Characterization	Sweep East-re	9/21/10	Soil	SGS	PCB	9/23/10
Road Sweepings Waste Characterization	Sweep West-re	9/21/10	Soil	SGS	PCB	9/23/10
Road Sweepings Waste Characterization	Sweep-East	9/14/10	Soil	SGS	PCB	9/20/10
Road Sweepings Waste Characterization	Sweep-West	9/14/10	Soil	SGS	PCB	9/20/10

**TABLE 3-2  
PCB DATA RECEIVED DURING SEPTEMBER 2010**

**ROAD SWEEPINGS WASTE CHARACTERIZATION  
EAST STREET AREA 2-NORTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Date Collected	Aroclor-1016, 1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
Sweep-East	9/14/2010	ND(16)	8.9 J	50	58.9
Sweep-East-Re	9/21/2010	ND(1.6)	4.3	15	19.3
Sweep-West	9/14/2010	ND(1.5)	2.8	6.2	9.0
Sweep-West-Re	9/21/2010	ND(0.31)	0.81	2.8	3.61

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.

Data Qualifiers:

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

**ITEM 5  
PLANT AREA  
HILL 78 & BUILDING 71 CONSOLIDATION AREAS  
(GEC210/220)  
SEPTEMBER 2010**

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

**a. Activities Undertaken/Completed**

- Performed interim ambient air monitoring for PCBs, at EPA's request, in accordance with the Post-Removal Site Control Plan for the OPCAs, as indicated in Table 5-1.
- Transferred 6,000 gallons of leachate from Building 71 On-Plant Consolidation Area (OPCA) to Building 64G Groundwater Treatment Facility for treatment (see Table 5-2).
- Continued work on draft Final Completion Report for the OPCAs.
- Conducted preliminary data review (PDR) of PCB analytical data for ambient air samples collected from the OPCA air monitors on September 14-15, 2010. The PDR was conducted based on the following data quality indicators associated with the tabulated data set – sampling collection time, sampling calibration check, temperature receipt, associated blanks, laboratory control samples, recoveries and surrogate recoveries – in accordance with Validation Annex F in GE's revised Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP) and the Region I Data Validation Functional Guidelines referenced therein. This PDR resulted in no qualifications of the data. Tier I and Tier II data validation of all PCB analytical data for ambient air samples collected from the OPCA air monitors during this event will be conducted after receiving the full data packages from the laboratory.
- Conducted Tier I and Tier II data validation of PCB analytical data for ambient air samples collected from the OPCA air monitors on July 15-16, 2010. The Tier I and Tier II data validation consisted of a review of all data package summary forms for identification of quality assurance/quality control (QA/QC) deviations, as well as qualification of the data, in accordance with Validation Annex F in GE's revised FSP/QAPP and the Region I Data Validation Functional Guidelines referenced therein. The Tier I/II review resulted in minor qualifications of some data, mostly related to the tentative identification of PCB Aroclor 1248, as shown in Table 5-4. The PCB analytical data from these samples have an overall usability of 100%. The validated data from this event are included in Table 5-5 (the annual summary PCB table for 2010).

**b. Sampling/Test Results Received**

See attached tables.



**ITEM 5  
(cont'd)  
PLANT AREA  
HILL 78 & BUILDING 71 CONSOLIDATION AREAS  
(GEC210/220)  
SEPTEMBER 2010**

**c. Work Plans/Reports/Documents Submitted**

- Submitted to EPA, via electronic mail, the PCB analytical results for ambient air samples collected from the OPCA monitors along with Tier II validated results for the data from the July 15-16, 2010 air monitoring event (September 15, 2010).
- Submitted report on August/September 2010 post-closure inspection of Building 71 OPCA and Hill 78 OPCA (including trees planted as part of restoration activities) (September 23, 2010).
- Submitted report on summer 2010 inspection of natural resource restoration/enhancement (NRRE) measures at Hill 78 OPCA (September 23, 2010).

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

- Continue communications with EPA regarding GE's Post-Removal Site Control Plan for the OPCAs.
- Continue work on draft Final Completion Report for OPCAs and, once completed, submit it to EPA for review.

**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  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING SEPTEMBER 2010**

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

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received by GE or ARCADIS</b>
PCB Ambient Air Sampling	Northwest of OPCAs	09/14-09/15/10	Air	NEA	PCB	9/23/2010
PCB Ambient Air Sampling	West of OPCAs	09/14-09/15/10	Air	NEA	PCB	9/23/2010
PCB Ambient Air Sampling	West of OPCAs colocated	09/14-09/15/10	Air	NEA	PCB	9/23/2010
PCB Ambient Air Sampling	North of OPCAs	09/14-09/15/10	Air	NEA	PCB	9/23/2010
PCB Ambient Air Sampling	Southeast of OPCAs	09/14-09/15/10	Air	NEA	PCB	9/23/2010
PCB Ambient Air Sampling	Pittsfield Generating (PGE)	09/14-09/15/10	Air	NEA	PCB	9/23/2010
PCB Ambient Air Sampling	Background East of Building 9B	09/14-09/15/10	Air	NEA	PCB	9/23/2010

**TABLE 5-2**  
**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**  
**September 2010**

Month / Year	Total Volume of Leachate Transferred (Gallons)
September 2009	8,698
October 2009	0
November 2009	9,231
December 2009	6,000
January 2010	5,000
February 2010	6,000
March 2010	0
April 2010	7,100
May 2010	4,000
June 2010	0
July 2010	6,000
August 2010	6,000
September 2010	6,000

Note:

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

**TABLE 5-3  
SUMMARY OF 2010 PCB AMBIENT AIR SAMPLING RESULTS - SEPTEMBER 2010**

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

Sample Location	Sample ID	Sample Date(s)	Aroclor ID	Result (ug/m <sup>3</sup> )	Exceedances of Notification Level (0.05 ug/m <sup>3</sup> )	Data Validated?
Northwest of OPCAs	NW-091510-008	09/14-09/15/10	Aroclor 1254	0.00031 AF	--	PDR <sup>1</sup>
			Total PCB	0.0003	No	
West of OPCAs	W-091510-302	09/14-09/15/10	Aroclor 1254	0.00050 AF	--	
			Total PCB	0.0005	No	
West of OPCAs, collocated	WCo-091510-301	09/14-09/15/10	Aroclor 1254	0.00046 AF	--	
			Total PCB	0.0005	No	
North of OPCAs	N-091510-303	09/14-09/15/10	Total PCB	ND (0.0003)	No	
Southeast of OPCAs	SE-091510-200	09/14-09/15/10	Aroclor 1254	0.00050 AF	--	
			Total PCB	0.0005	No	
Pittsfield Generating (PGE)	PGE-091510-202	09/14-09/15/10	Total PCB	ND (0.0003)	No	
Background Sample Location - East of Building 9B	BK3-091510-001	09/14-09/15/10	Aroclor 1254	0.00046 AF	--	
			Total PCB	0.0005	No	

**Notes:**

All sampling activities performed by Berkshire Environmental Consultants, Inc. All analytical activities performed by Northeast Analytical, Inc. Only results for detected Aroclors, as well as Total PCBs, are presented.

PDR - Preliminary Data Review

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

ND - Non-Detect

**Qualification Notes:**

<sup>1</sup> PDR was conducted based on the following data quality indicators associated with the tabulated data set above: sampling collection time, sampling calibration check, temperature receipt, associated blanks, laboratory control samples recoveries, and surrogate recoveries.

**TABLE 5-4**  
**ANALYTICAL DATA VALIDATION SUMMARY**  
**AMBIENT AIR DATA FROM HILL 78/BUILDING 71 ON-PLANT CONSOLIDATION AREA (OPCA) MONITORS FOR WHICH DATA VALIDATION WAS PERFORMED IN SEPTEMBER 2010**

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

Sample Delivery Group No.	Sample Location	Sample ID	Lab Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result (ug/PUF)	Qualified Result (ug/m <sup>3</sup> )	Notes
<b>EPA TO-4A</b>														
07010065	Northwest of OPCAs	NW-071610-008	AN09449	7/16/2010	Air	Tier II	Yes	Aroclor-1248	Aroclor-1248 Tentatively Identified	0.240(ug/PUF)	-	0.240 J	0.0007 J	
								Total PCBs	Aroclor-1248 Tentatively Identified	0.351(ug/PUF)	-	0.565 J	0.0017 J	
07010065	West of OPCAs	W-071610-302	AN09450	7/16/2010	Air	Tier II	Yes	Aroclor-1248	Aroclor-1248 Tentatively Identified	0.162(ug/PUF)	-	0.162 J	0.0005 J	
								Total PCBs	Aroclor-1248 Tentatively Identified	0.759(ug/PUF)	-	0.759 J	0.0024 J	
07010065	West of OPCAs colocated	WCO-071610-301	AN09451	7/16/2010	Air	Tier II	Yes	Aroclor-1248	Aroclor-1248 Tentatively Identified	0.156(ug/PUF)	-	0.156 J	0.0005 J	
								Total PCBs	Aroclor-1248 Tentatively Identified	0.782(ug/PUF)	-	0.782 J	0.0024 J	
07010065	North of OPCAs	N-071610-303	AN09452	7/16/2010	Air	Tier II	Yes	Aroclor-1248	Aroclor-1248 Tentatively Identified	0.135(ug/PUF)	-	0.135 J	0.0004 J	
								Total PCBs	Aroclor-1248 Tentatively Identified	0.325(ug/PUF)	-	0.325 J	0.0010 J	
07010065	Southeast of OPCAs	SE-071610-009	AN09453	7/16/2010	Air	Tier II	Yes	Aroclor-1248	Aroclor-1248 Tentatively Identified	0.343(ug/PUF)	-	0.343 J	0.0010 J	
								Total PCBs	Aroclor-1248 Tentatively Identified	0.716(ug/PUF)	-	0.716 J	0.0022 J	
07010065	Pittsfield Generating (PGE)	PGE-071610-202	AN09454	7/16/2010	Air	Tier II	No							
07010065	Background Sample Location - E	BK3-071610-001	AN09455	7/16/2010	Air	Tier II	Yes	Aroclor-1016	Surrogate Recovery	26.1%, 19.0%	60.0% to 120%	ND(0.100) J	ND(0.0003) J	
								Aroclor-1221	Surrogate Recovery	26.1%, 19.0%	60.0% to 120%	ND(0.100) J	ND(0.0003) J	
								Aroclor-1232	Surrogate Recovery	26.1%, 19.0%	60.0% to 120%	ND(0.100) J	ND(0.0003) J	
								Aroclor-1242	Surrogate Recovery	26.1%, 19.0%	60.0% to 120%	ND(0.100) J	ND(0.0003) J	
								Aroclor-1248	Surrogate Recovery	26.1%, 19.0%	60.0% to 120%	ND(0.100) J	ND(0.0003) J	
								Aroclor-1254	Surrogate Recovery	26.1%, 19.0%	60.0% to 120%	0.157 J	0.005 J	
								Aroclor-1260	Surrogate Recovery	26.1%, 19.0%	60.0% to 120%	ND(0.100) J	ND(0.0003) J	
								Total PCBs	Surrogate Recovery	26.1%, 19.0%	60.0% to 120%	0.157 J	0.005 J	

**TABLE 5-5  
PCB AMBIENT AIR SAMPLING RESULTS  
HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(all results are ug/m<sup>3</sup>)**

Date	Northwest of OPCAs	West of OPCAs	West of OPCAs collocated	North of OPCAs	Southeast of OPCAs	Pittsfield Generating (PGE)	Background Sample Location (BK-3) - East of Building 9B	Data Validated?
07/15/10 - 07/16/10	0.0017 J <sup>2</sup>	0.0024 J <sup>2</sup>	0.0024 J <sup>2</sup>	0.0010 J <sup>2</sup>	0.0022 J <sup>2</sup>	0.0011	0.0005 J <sup>1</sup>	Tier I/II
09/14/10 - 09/15/10	0.0003	0.0005	0.0005	ND	0.0005	ND	0.0005	PDR <sup>3</sup>
<b>Exceedances of Notification Level (0.05 µg/m<sup>3</sup>)</b>	None	None	None	None	None	None	None	

Notes:

All sampling activities performed by Berkshire Environmental Consultants, Inc. All analytical activities performed by Northeast Analytical, Inc.  
PDR - Preliminary Data Review  
ND - Non-Detect

<sup>1</sup> Sample result qualified as estimate (J) due to surrogate recoveries below the control limits.

<sup>2</sup> Sampling data that did not match the Aroclor pattern established through analysis of the target Aroclor standard (which consisted of data for Aroclor 1248) were qualified as estimated ("J").

<sup>3</sup> PDR was conducted based on the following data quality indicators associated with the tabulated data set above: sampling collection time, sampling calibration check, temperature receipt, associated blanks, laboratory control samples recoveries, and surrogate recoveries.

**ITEM 6  
HILL 78 AREA - REMAINDER  
(GEC160)  
SEPTEMBER 2010**

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

**a. Activities Undertaken/Completed**

- Continued work on Final Completion Report.
- Conducted August/September 2010 inspection of backfilled/restored and re-vegetated areas (September 21, 2010).

**b. Sampling/Test Results Received**

None

**c. Work Plans/Reports/Documents Submitted**

Submitted draft of Final Completion Report to EPA for review (September 30, 2010).

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

Submit report on August/September 2010 inspection of backfilled/restored and re-vegetated areas.

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues.

**f. Proposed/Approved Work Plan Modifications**

None

**ITEM 7  
PLANT AREA  
UNKAMET BROOK AREA  
(GEC170)  
SEPTEMBER 2010**

**a. Activities Undertaken/Completed**

- Performed September 2010 dry weather flow inspection activities associated with Drainage Basin 009 under GE's NPDES Permit-related Baseline Monitoring Plan.
- Performed the third "baseline" effectiveness sampling event at Oil/Water Separator (OWS) 119W, pursuant to GE's NPDES Permit Modification, as indicated in Table 7-1.
- Continued development of Final RD/RA Work Plan for Unkamet Brook Area-Remainder.\*

**b. Sampling/Test Results Received**

See attached tables.

**c. Work Plans/Reports/Documents Submitted**

None

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

- Perform October 2010 dry weather flow inspection activities associated with Drainage Basin 009 under GE's NPDES Permit-related Baseline Monitoring Plan.
- Perform sensitivity analyses related to flow modeling at Unkamet Brook.\*
- Continue to develop Final RD/RA Work Plan for Unkamet Brook Area-Remainder (due by November 19, 2010 – see Item 7.f below).\*

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues.

**f. Proposed/Approved Work Plan Modifications**

- Received EPA's approval of the Second Addendum to Conceptual RD/RA Work Plan for Unkamet Brook Area-Remainder (September 29, 2010).\*



**ITEM 7  
(cont'd)  
PLANT AREA  
UNKAMET BROOK AREA  
(GEC170)  
SEPTEMBER 2010**

**f. Proposed/Approved Work Plan Modifications (cont'd)**

- The submittal date for the Final RD/RA Work Plan for Unkamet Brook Area-Remainder was October 19, 2010. However, based on discussions with EPA, the submittal date has been modified to November 19, 2010.

**TABLE 7-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING SEPTEMBER 2010**

**UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received by GE or ARCADIS</b>
OWS-119W Baseline Sampling	OWS-119W-EFF.	8/22/10	Water	Columbia	TSS	9/10/10
OWS-119W Baseline Sampling	OWS-119W-INF.	8/22/10	Water	Columbia	TSS	9/10/10

TABLE 7-2  
DATA RECEIVED DURING SEPTEMBER 2010

OWS-119W BASELINE SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in parts per million, ppm)

Parameter	Sample ID: Date Collected:	OWS-119W-EFF. 08/22/10	OWS-119W-INF. 08/22/10
<b>Conventional</b>			
Total Suspended Solids		3.40	1.60

Note:

1. Samples were collected by ARCADIS and submitted to Columbia Analytical Services, Inc. for analysis of total suspended solids.

**ITEM 8  
FORMER OXBOW AREAS A&C  
(GEC410)  
SEPTEMBER 2010**

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

**a. Activities Undertaken/Completed**

Performed August/September 2010 inspection of backfilled/restored and re-vegetated areas (September 8, 2010).

**b. Sampling/Test Results Received**

None

**c. Work Plans/Reports/Documents Submitted**

None

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

Submit report on August/September 2010 inspection of backfilled/restored and re-vegetated areas.

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues.

**f. Proposed/Approved Work Plan Modifications**

None

**ITEM 9  
LYMAN STREET AREA  
(GEC430)  
SEPTEMBER 2010**

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

**a. Activities Undertaken/Completed**

Performed August/September 2010 inspection of backfilled/restored, re-vegetated, and engineered barrier areas (September 7, 2010).

**b. Sampling/Test Results Received**

None

**c. Work Plans/Reports/Documents Submitted**

Submitted report on summer 2010 inspection of NRRE areas (September 23, 2010).

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

Submit report on August/September 2010 inspection of backfilled/restored, re-vegetated, and engineered barrier areas.

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

None

**f. Proposed/Approved Work Plan Modifications**

None

**ITEM 10  
NEWELL STREET AREA I  
(GEC440)  
SEPTEMBER 2010**

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

**a. Activities Undertaken/Completed**

Performed August/September 2010 inspection of backfilled/restored area, engineered barriers, and certain paved areas (September 21, 2010).

**b. Sampling/Test Results Received**

None

**c. Work Plans/Reports/Documents Submitted**

None

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

Submit report on August/September 2010 inspection of backfilled/restored area, engineered barriers, and certain paved areas.

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues.

**f. Proposed/Approved Work Plan Modifications**

None

**ITEM 11  
NEWELL STREET AREA II  
(GEC450)  
SEPTEMBER 2010**

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

**a. Activities Undertaken/Completed**

- Performed August/September 2010 inspection of backfilled/restored areas, engineered barriers, and re-vegetated areas (September 1 and 2, 2010).
- Repaired damage caused by WMECo to the engineered barrier on Parcel J9-23-8.

**b. Sampling/Test Results Received**

None

**c. Work Plans/Reports/Documents Submitted**

Submitted report on summer 2010 inspection of NRRE areas (September 23, 2010).

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

- Submit report on August/September 2010 inspection of backfilled/restored areas, engineered barriers, and re-vegetated areas.
- In coordination with Western Massachusetts Electric Company (WMECo), replant trees/shrubs damaged during WMECo's high-tension line tower removal activities.
- Provide notification to MDEP and EPA of repaired damage caused by WMECo to the engineered barrier on Parcel J9-23-8.

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

None

**f. Proposed/Approved Work Plan Modifications**

None

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

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

**a. Activities Undertaken/Completed**

Performed August/September 2010 inspections of backfilled/restored and re-vegetated areas (September 9, 2010).

**b. Sampling/Test Results Received**

None

**c. Work Plans/Reports/Documents Submitted**

None

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

Submit report on August/September 2010 inspections of backfilled/restored and re-vegetated areas.

**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 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  
(GEC800)  
SEPTEMBER 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**

Submitted trip report on 2010 monitoring of re-vegetated bank areas and aquatic habitat enhancement structures (September 16, 2010).

**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**

None

**ITEM 14  
HOUSATONIC RIVER AREA  
1½ MILE REACH  
(GEC820)  
SEPTEMBER 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 September 22, 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), 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) Documents**

Continue Housatonic River water column monitoring.

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

None

**f. Proposed/Approved Work Plan Modifications**

Received EPA's conditional approval of the Summer 2010 Re-Vegetation Monitoring Report (September 20, 2010).

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

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

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received by GE or ARCADIS</b>
Monthly Water Column Sampling	Location-4	8/26/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	9/13/10
Monthly Water Column Sampling	Location-4	9/22/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-6A	9/22/10	Water	NEA	PCB, TSS, VSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-6A	8/26/10	Water	NEA	PCB, TSS, VSS, POC, Chlorophyll-A	9/13/10

**TABLE 14-2  
SAMPLE DATA RECEIVED DURING SEPTEMBER 2010**

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

Sample ID	Location	Date Collected	Aroclor-1016, -1232, -1242, -1260	Aroclor 1221	Aroclor 1248	Aroclor 1254	Total PCBs	POC	TSS	Chlorophyll (a)	VSS
LOCATION-4	Lyman Street Bridge	08/26/10	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.51	3.60	0.00360	NA
LOCATION-6A	Pomeroy Ave. Bridge	08/26/10	ND(0.00000550)	0.0000180 PB	0.00000610 PE	0.00000620 AF	0.0000303	0.52	4.27	0.00390	2.14

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.

Data Qualifiers:

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

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

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

**ITEM 15  
HOUSATONIC RIVER AREA  
REST OF THE RIVER  
(GEC850)  
SEPTEMBER 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 September 22, 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 at these locations on September 22, 2010, from 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 continued work on Revised Corrective Measures Study (CMS) Report.\*

**b. Sampling/Test Results**

See attached tables.

**c. Work Plans/Reports/Documents Submitted**

None

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

- Continue Housatonic River monthly water column monitoring.
- Conduct young-of-year fish sampling in the Massachusetts portion of the River.
- Submit Revised CMS Report to EPA (due by October 12, 2010).\*

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

None

**f. Proposed/Approved Work Plan Modifications**

None

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

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

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received by GE or ARCADIS</b>
Monthly Water Column Sampling	HR-D1 (Location-12)	8/26/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	9/13/10
Monthly Water Column Sampling	HR-D1 (Location-12)	9/22/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-1	9/22/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-1	8/26/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	9/13/10
Monthly Water Column Sampling	Location-10	8/26/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	9/13/10
Monthly Water Column Sampling	Location-10	9/22/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-12	9/22/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-12	8/26/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	9/13/10
Monthly Water Column Sampling	Location-13	9/22/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-13	8/26/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	9/13/10
Monthly Water Column Sampling	Location-2	9/22/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-2	8/26/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	9/13/10
Monthly Water Column Sampling	Location-7	9/22/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-7	8/26/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	9/13/10
Monthly Water Column Sampling	Location-9	9/22/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-9	8/26/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	9/13/10

Note:

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

**TABLE 15-2  
SAMPLE DATA RECEIVED DURING SEPTEMBER 2010**

**MONTHLY WATER COLUMN SAMPLING  
HOUSATONIC RIVER -RE ST OF RIVER  
GENERAL ELECTRIC COMPANY -P ITTSFIELD, MASSACHUSETTS  
(Results are presented in parts per million, ppm)**

Sample ID	Location	Date Collected	Aroclor-1016 -1221, -1232, -1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-1	Hubbard Avenue Bridge	08/26/10	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.90	5.00	0.00270
LOCATION-2	Newell Street Bridge	08/26/10	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.46	3.88	0.00350
LOCATION-7	Holmes Road Bridge	08/26/10	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.43	3.50	0.00300
LOCATION-9	New Lenox Road Bridge	08/26/10	ND(0.0000220)	ND(0.0000220)	0.0000430 AF	0.0000520 AG	0.0000950	0.50	4.75	0.00360
LOCATION-10	Headwaters of Woods Pond	08/26/10	ND(0.0000220)	0.0000320 PE	0.0000380 AF	0.0000610 AG	0.000131	0.45	4.16	0.00430
LOCATION-12	Schweitzer Bridge	08/26/10 08/26/10	ND(0.0000220) [ND(0.0000220)]	0.0000290 PE [0.0000330 PE]	0.0000330 AF [0.0000420 AF]	0.0000510 AG [0.0000710 AG]	0.000113 [0.000146]	0.48 [0.43]	4.32 [5.35]	0.00510 [0.00520]
LOCATION-13	Division Street Bridge	08/26/10	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.29	3.20	0.00110

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:

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

AG - Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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

**ITEMS 16 & 17  
HOUSATONIC RIVER FLOODPLAIN  
RESIDENTIAL AND NON-RESIDENTIAL  
PROPERTIES ADJACENT TO 1½-MILE REACH  
(GEC710 AND GEC720)  
SEPTEMBER 2010**

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

**a. Activities Undertaken/Completed**

- Performed August/September 2010 inspection of backfilled/restored and re-vegetated areas at the Phase 2 Floodplain Properties (September 13, 2010).
- Performed August/September 2010 inspection of backfilled/restored and re-vegetated areas at the Phase 3 Floodplain Properties (September 13, 2010).
- Performed annual invasive species inspection at the Phase 4C Floodplain Properties (September 14, 2010).
- Performed August/September 2010 inspection of backfilled/restored and re-vegetated areas at the Phase 4C Floodplain Properties (September 15, 2010).

**b. Sampling/Test Results Received**

None

**c. Work Plans/Reports/Documents Submitted**

- Submit report on August/September 2010 inspection of backfilled/restored and re-vegetated areas at the Phase 2 Floodplain Properties.
- Submit report on August/September 2010 inspection of backfilled/restored and re-vegetated areas at the Phase 3 Floodplain Properties.
- Submit report on August/September 2010 inspection of backfilled/restored and re-vegetated areas and invasive species inspection at the Phase 4C Floodplain Properties.

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

None



**ITEMS 16 & 17**  
**(cont'd)**  
**HOUSATONIC RIVER FLOODPLAIN**  
**RESIDENTIAL AND NON-RESIDENTIAL**  
**PROPERTIES ADJACENT TO 1½-MILE REACH**  
**(GEC710 AND GEC720)**  
**SEPTEMBER 2010**

e. **General Progress/Unresolved Issues/Potential Schedule Impacts**

None

f. **Proposed/Approved Work Plan Modifications**

None

**ITEM 20  
OTHER AREAS  
SILVER LAKE AREA  
(GEC600)  
SEPTEMBER 2010**

**a. Activities Undertaken/Completed**

- On GE's behalf, ARCADIS performed one round of water column monitoring from the Silver Lake Outfall on September 22, 2010, as noted in Table 20-1, and obtained a gauge reading (see Item 21.a).
- Continued efforts to obtain access permission for remediation activities in September

**b. Sampling/Test Results Received**

See attached tables.

**c. Work Plans/Reports/Documents Submitted**

Submitted a revised Interim Silver Lake Bank Planting Plan (September 2, 2010).\*

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

- Continue discussions regarding transfer to PEDDA of bank property owned by GE between Silver Lake Boulevard and the Lake on the western and a portion of the northern side of the Lake.\*
- Continue survey work for ERE for the GE-owned bank property on the western and a portion of the northern side of the Lake.\*
- Continue efforts to obtain access permission for performance of remediation activities.

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

None

**f. Proposed/Approved Work Plan Modifications**

None

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

**SILVER LAKE AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received by GE or ARCADIS</b>
Monthly Water Column Sampling	Location-4A	8/26/10	Water	NEA	PCB, TSS	9/13/10
Monthly Water Column Sampling	Location-4A	9/22/10	Water	NEA	PCB, TSS	

**TABLE 20-2  
SAMPLE DATA RECEIVED DURING SEPTEMBER 2010**

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

Sample ID	Location	Date Collected	Aroclor-1016, -1232, -1242	Aroclor 1221	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	TSS
LOCATION-4A	Silver Lake Outlet	8/26/2010	ND(0.0000220)	0.000210 PB	0.0000920 PE	0.0000360 AF	0.0000340 AG	0.000372	8.51

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:

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

AG - Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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

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

**ITEM 21  
GROUNDWATER MANAGEMENT AREAS  
PLANT SITE 1 (GMA 1)  
(GEC310)  
SEPTEMBER 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.

**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 Caisson in September. No LNAPL was removed from the South Side Caisson in September.
- Continued routine well monitoring and manual NAPL removal activities. Approximately 0.018 liter (0.012 gallon) of LNAPL was removed from this area during September.

**East Street Area 2-South:**

- Continued automated groundwater and LNAPL removal activities. A total of approximately 3,182,287 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 723 gallons of LNAPL were removed from pumping systems 64R, 64V, GMA1-17W, RW-1(S), RW-2(X), RW-4, 64X, and 64S Caisson.
- Continued automated DNAPL removal activities. Approximately 55 gallons of DNAPL were removed from pumping system RW-3(X) during September.
- Continued routine well monitoring and manual NAPL removal activities. Approximately 23.032 liters (6.077 gallons) of LNAPL were removed from wells in this area during September. Approximately 1.950 liters (0.515 gallons) of DNAPL were removed from wells in this area during September.
- Treated/discharged approximately 2,737,102 gallons of water through Building 64G Groundwater Treatment Facility.
- Installed replacement wells 3-6C-EB-14R, 18R, 19R, 95-1R, GMA1-23R, GMA1-24R, and new well GMA1-30 (see Item 21.f below).
- Installed piezometers ESA2S-PZ-1, ESA2S-PZ-2, ESA2S-PZ-3, and ESA2S-PZ-6 near recovery well RW-4.

**ITEM 21  
(cont'd)  
GROUNDWATER MANAGEMENT AREAS  
PLANT SITE 1 (GMA 1)  
(GEC310)  
SEPTEMBER 2010**

**a. Activities Undertaken/Completed (cont'd)**

**East Street Area 2-North:**

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

**20s, 30s, and 40s Complexes:**

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

**Lyman Street Area:**

- Continued automated groundwater and NAPL removal activities. Approximately 94,815 gallons of groundwater were recovered from pumping systems RW-1R, RW-2, and RW-3. No LNAPL was removed from the automated recovery systems during September.
- Continued routine well monitoring and NAPL removal activities. No LNAPL was removed from wells in this area during September. Approximately 0.821 liter (0.217 gallon) of DNAPL was removed from wells in this area during September.

**Newell Street Area II:**

- Continued automated DNAPL removal activities. Approximately 16 gallons of DNAPL were removed by System 2 in September.
- Continued routine well monitoring and NAPL removal activities. No LNAPL was removed from this area during September. Approximately 0.925 liter (0.244 gallon) of DNAPL was recovered from wells in this area during September.

**Newell Street Area I:**

- No activities.

**ITEM 21  
(cont'd)  
GROUNDWATER MANAGEMENT AREAS  
PLANT SITE 1 (GMA 1)  
(GEC310)  
SEPTEMBER 2010**

**a. Activities Undertaken/Completed (cont'd)**

**Silver Lake Area:**

- Continued routine monitoring of lake level.
- Obtained gauge reading for flow calculation.

**b. Sampling/Test Results Received**

See attached tables.

**c. Work Plans/Reports/Documents Submitted**

None

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

- Continue routine groundwater and NAPL monitoring/recovery activities.
- Develop replacement wells CC-R and O-RR in the former 20s Complex and all new/replacement wells at East Street Area 2-South.
- Install remaining replacements for selected wells removed during soil remediation at East Street Area 2-South.
- Install remainder of piezometer network around recovery well RW-4.
- Conduct maintenance activities at selected monitoring wells.
- Conduct Fall 2010 semi-annual NAPL bailing round, groundwater elevation/NAPL monitoring, and groundwater sampling events.

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

The decommissioning of well ESA1N-52, located in East Street, has been postponed pending discussions with the City of Pittsfield to confirm the proper procedures needed to remove this well.

**ITEM 21**  
**(cont'd)**  
**GROUNDWATER MANAGEMENT AREAS**  
**PLANT SITE 1 (GMA 1)**  
**(GEC310)**  
**SEPTEMBER 2010**

**f. Proposed/Approved Work Plan Modifications**

- At EPA's request, GE has installed monitoring well GMA1-30 in East Street Area 2-South. This well, along with monitoring wells GMA1-24R and HR-G3-MW-2, will be sampled on a semi-annual basis for PCBs plus Appendix IX constituents (not including pesticides and herbicides) as part of the GMA 1 interim monitoring program. Wells GMA1-30 and HR-G3-MW-2 will be designated as GW-3 perimeter compliance wells, while well GMA1-24R will be designated as a source area sentinel well in the GMA 1 interim monitoring program.
- As requested by EPA, well 18R will be monitored on a weekly basis as part of the GMA 1 NAPL monitoring program. Monitoring will resume at the other replacement wells being at East Street Area 2-South under the previously approved schedules following their installation.
- Additional GMA 1 groundwater quality monitoring program modifications proposed in the July 30, 2010 Groundwater Quality Monitoring Interim Report for Spring 2010 are awaiting EPA approval.



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

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

<b>Caisson</b>	<b>Month</b>	<b>Vol. LNAPL Collected (gallon)</b>	<b>Vol. Water Recovered (gallon)</b>	<b>Percent Downtime</b>
Northside	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	
	March 2010	0.0	33,300	14.58
	April 2010	0.0	36,950	10.71
	May 2010	0.0	13,600	
	June 2010	0.0	14,950	0.83
	July 2010	0.0	9,600	
	August 2010	0.0	10,450	
	September 2010	0.0	6,650	
Southside	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	
	March 2010	3.0	77,270	9.03
	April 2010	0.0	68,430	10.71
	May 2010	0.0	53,620	11.11
	June 2010	0.0	84,250	0.83
	July 2010	0.0	60,650	
	August 2010	0.0	57,480	
	September 2010	0.0	68,070	

**Note:**

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

**TABLE 21-2**  
**MEASUREMENT AND REMOVAL OF RECOVERABLE LNAPL**  
**EAST STREET AREA 1 - NORTH & SOUTH**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**September 2010**

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	September 2010 Removal (liters)
<b>GMA 1 - East Street Area 1 - South</b>						
34	9/29/2010	7.74	7.73	0.01	0.006	<b>0.006</b>
72	9/29/2010	8.70	8.68	0.02	0.012	<b>0.012</b>

**Total Manual LNAPL Removal for September 2010: 0.018 liters**  
**0.005 gallons**

Note:

1. ft BMP - feet Below Measuring Point.

**TABLE 21-3  
ROUTINE WELL MONITORING  
EAST STREET AREA 1 - NORTH & SOUTH  
GROUNDWATER MANAGEMENT AREA 1  
CONSENT DECREE MONTHLY STATUS REPORT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
September 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)
<b>GMA 1 - East Street Area 1 - North</b>									
North Caisson	997.84	9/1/2010	19.05	19.04	0.01	---	19.80	0.00	978.80
North Caisson	997.84	9/8/2010	19.35	19.34	0.01	---	19.80	0.00	978.50
North Caisson	997.84	9/15/2010	19.20	19.18	0.02	---	19.80	0.00	978.66
North Caisson	997.84	9/23/2010	19.24	19.22	0.02	---	19.80	0.00	978.62
North Caisson	997.84	9/28/2010	19.17	19.16	0.01	---	19.80	0.00	978.68
<b>GMA 1 - East Street Area 1 - South</b>									
31R	1,000.23	9/13/2010	10.58	---	0.00	---	14.91	0.00	989.65
33	999.50	9/29/2010	7.90	---	0.00	---	21.20	0.00	991.60
34	999.90	9/29/2010	7.74	7.73	0.01	---	21.80	0.00	992.17
72	1,000.62	9/29/2010	8.70	8.68	0.02	---	22.61	0.00	991.94
72R	1,000.75	9/13/2010	8.15	---	0.00	---	13.05	0.00	992.60
South Caisson	1,001.11	9/1/2010	13.70	13.69	0.01	---	15.00	0.00	987.42
South Caisson	1,001.11	9/8/2010	13.62	13.61	0.01	---	15.00	0.00	987.50
South Caisson	1,001.11	9/15/2010	13.66	13.64	0.02	---	15.00	0.00	987.47
South Caisson	1,001.11	9/23/2010	13.72	13.70	0.02	---	15.00	0.00	987.41
South Caisson	1,001.11	9/28/2010	13.65	13.63	0.02	---	15.00	0.00	987.48

Notes:

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

**TABLE 21-4**  
**AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS**  
**EAST STREET AREA 2 - SOUTH**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**  
**September 2010**

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
17W	September 2009	0		
	October 2009	2		0.50
	November 2009	1		20.69
	December 2009	4		
	January 2010	4		
	February 2010	8		
	March 2010	29		0.69
	April 2010	0		
	May 2010	0		
	June 2010	0		
	July 2010	1		
	August 2010	1		
	September 2010	2		
64R	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	
	March 2010	63	315,088	0.69
	April 2010	13	409,804	
	May 2010	38	315,515	
	June 2010	50	108,507	0.83
	July 2010	13	2,449	
	August 2010	0	234	
	September 2010	0	78	
64S System	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	
	March 2010	125	1,173,097	0.69
	April 2010	388	1,174,787	
	May 2010	217	751,918	
	June 2010	275	595,798	1.67
	July 2010	13	192,941	
	August 2010	0	125,196	
	September 2010	25	135,731	
64V	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	
	March 2010	864	1,198,000	0.69
	April 2010	605	1,013,400	
	May 2010	320	842,300	
	June 2010	349	977,200	0.83
	July 2010	473	729,500	
	August 2010	308	635,100	
	September 2010	452	710,000	

**TABLE 21-4**  
**AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS**  
**EAST STREET AREA 2 - SOUTH**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**  
**September 2010**

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64X	September 2009	10	388,800	0.50
	October 2009	59	504,000	
	November 2009	12	417,600	
	December 2009	16	489,600	
	January 2010	23	403,200	
	February 2010	12	388,800	
	March 2010	50	518,400	3.47
	April 2010	5	403,200	
	May 2010	14	388,800	
	June 2010	12	504,000	0.83
	July 2010	123	417,600	
	August 2010	244	403,200	
September 2010	80	489,600		
RW-2(X)	September 2009	0	929,339	0.50
	October 2009	0	1,101,472	
	November 2009	0	771,940	
	December 2009	0	810,061	
	January 2010	0	568,504	
	February 2010	0	529,773	
	March 2010	0	638,070	0.69
	April 2010	0	940,150	
	May 2010	0	790,610	
	June 2010	0	1,009,556	0.83
	July 2010	0	836,449	
	August 2010	18	597,042	
September 2010	0	650,874		
RW-1(S) <sup>1</sup>	September 2009	50	713,005	0.50
	October 2009	45	673,856	
	November 2009	60	559,420	
	December 2009	69	624,919	
	January 2010	50	495,015	
	February 2010	32	454,396	
	March 2010	46	747,418	0.69
	April 2010	35	747,264	
	May 2010	40	542,031	
	June 2010	45	596,864	0.83
	July 2010	43	424,571	
	August 2010	66	354,852	
September 2010	116	359,626		
RW-1(X)	September 2009	4.5	325,513	4.76
	October 2009	18	380,238	
	November 2009	0	280,351	
	December 2009	0	318,690	
	January 2010	0	353,734	
	February 2010	0	266,084	
	March 2010	5	477,074	0.69
	April 2010	5	325,230	
	May 2010	0	245,637	
	June 2010	0	307,238	0.83
	July 2010	0	267,373	
	August 2010	0	238,247	
September 2010	0	265,356		

**TABLE 21-4**  
**AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS**  
**EAST STREET AREA 2 - SOUTH**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**  
**September 2010**

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
RW-4	September 2009	0	931,479	0.50
	October 2009	0	1,239,302	
	November 2009	0	1,042,797	
	December 2009	0	1,202,356	
	January 2010	0	945,594	
	February 2010	0	941,780	
	March 2010	6.2	1,239,425	0.69
	April 2010	2.1	1,031,121	
	May 2010	0	955,661	
	June 2010	0	1,209,207	0.83
	July 2010	18.7	951,492	
	August 2010	43.8	940,327	
	September 2010	48	571,022	
RW-3(X)	September 2009	15		0.50
	October 2009	21		
	November 2009	20		
	December 2009	94		
	January 2010	35		
	February 2010	21		
	March 2010	39	0.69	
	April 2010	27		
	May 2010	40		
	June 2010	34		
	July 2010	36		
	August 2010	32		
	September 2010	55		

Summary of Total Automated Removal		
<b>Water:</b>	<b>3,182,287</b>	<b>Gallons</b>
<b>LNAPL:</b>	<b>723</b>	<b>Gallons</b>
<b>DNAPL:</b>	<b>55</b>	<b>Gallons</b>

Notes:

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

**TABLE 21-5  
WELL MONITORING AND RECOVERY OF LNAPL  
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES  
GROUNDWATER MANAGEMENT AREA 1  
CONSENT DECREE MONTHLY STATUS REPORT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
September 2010**

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	September 2010 Removal (liters)
<b>East Street Area 2 - South</b>						
13	9/27/2010	17.55	17.18	0.37	0.228	<b>0.228</b>
14	9/27/2010	20.01	19.2	0.81	0.500	<b>0.500</b>
25R	9/1/2010	22.78	22.68	0.10	0.062	<b>0.099</b>
	9/8/2010	22.95	22.94	0.01	0.006	
	9/15/2010	23.35	23.34	0.01	0.006	
	9/22/2010	23.46	23.45	0.01	0.006	
	9/27/2010	23.49	23.46	0.03	0.019	
29	9/1/2010	19.50	19.35	0.15	0.093	<b>0.328</b>
	9/8/2010	19.46	19.45	0.01	0.006	
	9/15/2010	19.67	19.56	0.11	0.068	
	9/22/2010	19.74	19.57	0.17	0.105	
	9/27/2010	19.70	19.61	0.09	0.056	
30	9/27/2010	15.60	14.80	0.80	0.494	<b>0.494</b>
48	9/27/2010	19.28	17.03	2.25	1.388	<b>1.388</b>
55	9/27/2010	15.70	14.2	1.50	0.925	<b>0.925</b>
ES2-15R	9/1/2010	17.74	13.32	4.42	2.727	<b>13.331</b>
	9/8/2010	17.90	13.40	4.50	2.776	
	9/15/2010	17.65	13.48	4.17	2.579	
	9/22/2010	17.55	13.50	4.05	2.622	
	9/27/2010	18.85	14.60	4.25	2.627	
GMA1-14	9/15/2010	21.55	21.54	0.01	0.006	<b>0.056</b>
	9/22/2010	21.85	21.81	0.04	0.025	
	9/27/2010	22.00	21.96	0.04	0.025	
GMA1-15	9/1/2010	17.51	16.36	1.15	0.709	<b>3.110</b>
	9/8/2010	17.58	16.49	1.09	0.672	
	9/15/2010	17.60	16.49	1.11	0.686	
	9/22/2010	17.30	16.62	0.68	0.420	
	9/27/2010	17.55	16.54	1.01	0.623	
GMA1-16	9/27/2010	14.12	14.00	0.12	0.074	<b>0.074</b>
GMA1-19	9/1/2010	12.89	12.24	0.65	0.401	<b>2.499</b>
	9/8/2010	13.16	12.35	0.81	0.500	
	9/15/2010	13.08	12.44	0.64	0.395	
	9/22/2010	13.60	12.45	1.15	0.709	
	9/27/2010	13.11	12.31	0.80	0.494	

**Total LNAPL Removal East Street Area 2 - South for September 2010: 23.032 liters  
6.077 gallons**

**Total LNAPL Removal for September 2010: 23.032 liters  
6.077 gallons**

Note:

1. ft BMP - feet Below Measuring Point.

**TABLE 21-6**  
**WELL MONITORING AND RECOVERY OF DNAPL**  
**EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**September 2010**

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	September 2010 Removal (liters)
<b>East Street Area 2 - South</b>						
E2SC-031*	9/27/2010	10.60	39.04	3.16	1.950	<b>1.950</b>

**Total DNAPL Removal East Street Area 2 - South for September 2010: 1.950 liters**  
**0.515 gallons**

**Total DNAPL Removal for September 2010: 1.950 liters**  
**0.515 gallons**

Note:

1. ft BMP - feet Below Measuring Point



**TABLE 21-7  
64G TREATMENT PLANT DISCHARGE DATA  
GROUNDWATER MANAGEMENT AREA 1  
CONSENT DECREE MONTHLY STATUS REPORT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
September 2010**

<b>Date</b>	<b>Housatonic River Discharge (gallons)</b>	<b>Recharge Pond Discharge (gallons)</b>	<b>Total Discharge (gallons)</b>
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
March 2010	5,497,600	40,836	5,538,436
April 2010	6,086,710	178,635	6,271,755
May 2010	5,012,180	211,489	5,223,669
June 2010	3,792,660	263,780	4,236,440
July 2010	3,613,250	299,406	3,912,656
August 2010	2,960,320	301,621	3,261,941
September 2010	2,431,150	305,952	2,737,102

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

**TABLE 21-8**  
**ROUTINE WELL MONITORING**  
**EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**September 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)	
<b>East Street Area 2 - South</b>										
13	990.88	9/27/2010	17.55	17.18	0.37	---	27.60	0.00	973.67	
14	991.61	9/27/2010	20.01	19.2	0.81	---	23.25	0.00	972.35	
25R	997.47	9/1/2010	22.78	22.68	0.10	---	30.58	0.00	974.78	
25R	997.47	9/8/2010	22.95	22.94	0.01	---	30.59	0.00	974.53	
25R	997.47	9/15/2010	23.35	23.34	0.01	---	30.58	0.00	974.13	
25R	997.47	9/22/2010	23.46	23.45	0.01	---	30.58	0.00	974.02	
25R	997.47	9/27/2010	23.49	23.46	0.03	---	30.58	0.00	974.01	
26RR	1,000.58	9/27/2010	25.27	25.26	0.01	---	28.30	0.00	975.32	
29	991.59	9/1/2010	19.50	19.35	0.15	---	21.59	0.00	972.23	
29	991.59	9/8/2010	19.46	19.45	0.01	---	21.61	0.00	972.14	
29	991.59	9/15/2010	19.67	19.56	0.11	---	21.58	0.00	972.02	
29	991.59	9/22/2010	19.74	19.57	0.17	---	21.61	0.00	972.01	
29	991.59	9/27/2010	19.70	19.61	0.09	---	21.58	0.00	971.97	
30	989.34	9/27/2010	15.60	14.80	0.80	---	22.50	0.00	974.48	
40R	991.60	9/27/2010	Dry at 12.53 feet.				---	NA	NA	NA
48	992.39	9/27/2010	19.28	17.03	2.25	---	22.50	0.00	975.20	
49R	988.71	9/27/2010	16.87	---	0.00	---	24.88	0.00	971.84	
49RR	989.80	9/27/2010	17.98	---	0.00	---	23.01	0.00	971.82	
55	985.97	9/27/2010	15.70	14.2	1.50	---	26.54	0.00	971.67	
64R	993.37	9/1/2010	17.45	17.44	0.01	---	20.50	0.00	975.93	
64R	993.37	9/8/2010	17.60	17.59	0.01	---	20.50	0.00	975.78	
64R	993.37	9/15/2010	17.82	17.80	0.02	---	20.50	0.00	975.57	
64R	993.37	9/23/2010	18.10	18.08	0.02	---	20.50	0.00	975.29	
64R	993.37	9/28/2010	18.00	17.98	0.02	---	20.50	0.00	975.39	
64S	984.48	9/1/2010	19.09	---	0.00	---	28.70	0.00	965.39	
64S	984.48	9/8/2010	19.09	---	0.00	---	28.70	0.00	965.39	
64S	984.48	9/15/2010	19.05	---	0.00	---	28.70	0.00	965.43	
64S	984.48	9/23/2010	19.05	---	0.00	---	28.70	0.00	965.43	
64S	984.48	9/28/2010	19.02	---	0.00	---	28.70	0.00	965.46	
64S-Caisson	NA	9/1/2010	10.78	10.76	0.02	---	14.55	0.00	NA	
64S-Caisson	NA	9/8/2010	10.97	10.95	0.02	---	14.55	0.00	NA	
64S-Caisson	NA	9/15/2010	10.09	10.07	0.02	---	14.55	0.00	NA	
64S-Caisson	NA	9/23/2010	11.42	11.39	0.03	---	14.55	0.00	NA	
64S-Caisson	NA	9/28/2010	11.53	11.50	0.03	---	14.55	0.00	NA	
64V	987.29	9/1/2010	20.97	20.78	0.19	P	29.60	< 0.01	966.50	
64V	987.29	9/8/2010	20.85	20.70	0.15	P	29.60	< 0.01	966.58	
64V	987.29	9/15/2010	20.76	20.55	0.21	P	29.60	< 0.01	966.73	
64V	987.29	9/23/2010	20.96	20.72	0.24	P	29.60	< 0.01	966.55	
64V	987.29	9/28/2010	20.88	20.72	0.16	P	29.60	< 0.01	966.56	
64X(N)	984.83	9/1/2010	12.97	12.95	0.02	---	15.85	0.00	971.88	
64X(N)	984.83	9/8/2010	13.01	12.98	0.03	---	15.85	0.00	971.85	
64X(N)	984.83	9/15/2010	13.39	13.38	0.01	---	15.85	0.00	971.45	
64X(N)	984.83	9/23/2010	13.46	13.44	0.02	---	15.85	0.00	971.39	
64X(N)	984.83	9/28/2010	13.39	13.37	0.02	---	15.85	0.00	971.46	
64X(S)	981.56	9/1/2010	16.58	16.40	0.18	---	23.82	0.00	965.15	
64X(S)	981.56	9/8/2010	16.57	16.45	0.12	---	23.82	0.00	965.10	
64X(S)	981.56	9/15/2010	16.53	16.40	0.13	---	23.82	0.00	965.15	
64X(S)	981.56	9/23/2010	16.64	16.53	0.11	---	23.82	0.00	965.02	
64X(S)	981.56	9/28/2010	16.60	16.48	0.12	---	23.82	0.00	965.07	
64X(W)	984.87	9/1/2010	19.70	19.65	0.05	---	24.35	0.00	965.22	
64X(W)	984.87	9/8/2010	19.73	19.68	0.05	---	24.35	0.00	965.19	
64X(W)	984.87	9/15/2010	19.65	19.63	0.02	---	24.35	0.00	965.24	
64X(W)	984.87	9/23/2010	19.82	19.78	0.04	---	24.35	0.00	965.09	
64X(W)	984.87	9/28/2010	19.95	19.90	0.05	---	24.35	0.00	964.97	
3-6C-EB-22	986.94	9/27/2010	14.32	---	0.00	---	19.39	0.00	972.62	
E2SC-03I*	982.12	9/27/2010	10.60	---	0.00	39.04	42.20	3.16	971.52	
E2SC-06	986.00	9/27/2010	13.30	---	0.00	---	20.02	0.00	972.70	
E2SC-23	992.07	9/27/2010	19.87	---	0.00	---	21.15	0.00	972.20	
E2SC-24	987.90	9/27/2010	16.61	---	0.00	---	21.61	0.00	971.29	
ES2-15R	986.20	9/1/2010	17.74	13.32	4.42	---	19.48	0.00	972.57	
ES2-15R	986.20	9/8/2010	17.90	13.40	4.50	---	19.48	0.00	972.49	
ES2-15R	986.20	9/15/2010	17.65	13.48	4.17	---	19.47	0.00	972.43	
ES2-15R	986.20	9/22/2010	17.55	13.50	4.05	---	19.48	0.00	972.42	
ES2-15R	986.20	9/27/2010	18.85	14.60	4.25	---	19.47	0.00	971.30	
GMA1-14	997.43	9/1/2010	21.18	---	0.00	---	22.50	0.00	976.25	

**TABLE 21-8**  
**ROUTINE WELL MONITORING**  
**EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**September 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)
GMA1-14	997.43	9/8/2010	21.45	---	0.00	---	22.50	0.00	975.98
GMA1-14	997.43	9/15/2010	21.55	21.54	0.01	---	22.50	0.00	975.89
GMA1-14	997.43	9/22/2010	21.85	21.81	0.04	---	22.50	0.00	975.62
GMA1-14	997.43	9/27/2010	22.00	21.96	0.04	---	22.50	0.00	975.47
GMA1-15	988.59	9/1/2010	17.51	16.36	1.15	---	17.79	0.00	972.15
GMA1-15	988.59	9/8/2010	17.58	16.49	1.09	---	17.78	0.00	972.02
GMA1-15	988.59	9/15/2010	17.60	16.49	1.11	---	17.78	0.00	972.02
GMA1-15	988.59	9/22/2010	17.30	16.62	0.68	---	17.78	0.00	971.92
GMA1-15	988.59	9/27/2010	17.55	16.54	1.01	---	17.78	0.00	971.98
GMA1-16	986.82	9/27/2010	14.12	14.00	0.12	---	19.90	0.00	972.81
GMA1-17E	993.03	9/27/2010	17.01	16.99	0.02	---	17.30	0.00	976.04
GMA1-17W	992.63	9/1/2010	21.70	21.59	0.11	---	NM	0.00	971.03
GMA1-17W	992.63	9/8/2010	NM	NM	NM	NM	NM	NM	NM
GMA1-17W	992.63	9/15/2010	NM	NM	NM	NM	NM	NM	NM
GMA1-17W	992.63	9/23/2010	NM	NM	NM	NM	NM	NM	NM
GMA1-17W	992.63	9/28/2010	NM	NM	NM	NM	NM	NM	NM
GMA1-19	984.28	9/1/2010	12.89	12.24	0.65	---	17.14	0.00	971.99
GMA1-19	984.28	9/8/2010	13.16	12.35	0.81	---	17.14	0.00	971.87
GMA1-19	984.28	9/15/2010	13.08	12.44	0.64	---	17.15	0.00	971.80
GMA1-19	984.28	9/22/2010	13.60	12.45	1.15	---	17.14	0.00	971.75
GMA1-19	984.28	9/27/2010	13.11	12.31	0.80	---	17.15	0.00	971.91
GMA1-21	985.68	9/1/2010	13.75	---	0.00	---	19.58	0.00	971.93
GMA1-21	985.68	9/8/2010	13.97	---	0.00	---	19.58	0.00	971.71
GMA1-21	985.68	9/15/2010	14.03	---	0.00	---	19.58	0.00	971.65
GMA1-21	985.68	9/22/2010	14.05	---	0.00	---	19.58	0.00	971.63
GMA1-21	985.68	9/27/2010	13.90	---	0.00	---	19.58	0.00	971.78
GMA1-22	988.45	9/1/2010	16.11	---	0.00	---	19.16	0.00	972.34
GMA1-22	988.45	9/8/2010	16.25	---	0.00	---	19.16	0.00	972.20
GMA1-22	988.45	9/15/2010	16.30	---	0.00	---	19.15	0.00	972.15
GMA1-22	988.45	9/22/2010	16.30	---	0.00	---	19.16	0.00	972.15
GMA1-22	988.45	9/27/2010	16.35	---	0.00	---	19.15	0.00	972.10
HR-G2-MW-1	982.60	9/27/2010	11.87	---	0.00	---	18.24	0.00	970.73
HR-G2-MW-2	981.39	9/27/2010	10.34	---	0.00	---	17.67	0.00	971.05
HR-G2-MW-3	987.14	9/27/2010	15.81	---	0.00	---	21.98	0.00	971.33
HR-G2-RW-1	976.88	9/27/2010	7.56	---	0.00	---	18.68	0.00	971.23
RW-1(S)	987.23	9/1/2010	18.55	18.00	0.55	---	28.60	0.00	969.19
RW-1(S)	987.23	9/8/2010	19.81	17.85	1.96	---	28.60	0.00	969.24
RW-1(S)	987.23	9/15/2010	19.57	19.06	0.51	---	28.60	0.00	968.13
RW-1(S)	987.23	9/23/2010	17.85	17.09	0.76	---	28.60	0.00	970.09
RW-1(S)	987.23	9/28/2010	18.88	18.39	0.49	---	28.60	0.00	968.81
RW-1(X)	982.68	9/1/2010	13.55	13.50	0.05	---	20.80	0.00	969.18
RW-1(X)	982.68	9/8/2010	13.49	13.42	0.07	---	20.80	0.00	969.26
RW-1(X)	982.68	9/15/2010	13.64	13.60	0.04	---	20.80	0.00	969.08
RW-1(X)	982.68	9/23/2010	14.05	14.02	0.03	---	20.80	0.00	968.66
RW-1(X)	982.68	9/28/2010	14.02	13.96	0.06	---	20.80	0.00	968.72
RW-2(X)	985.96	9/1/2010	14.54	---	0.00	---	22.80	0.00	971.42
RW-2(X)	985.96	9/8/2010	15.61	---	0.00	---	22.80	0.00	970.35
RW-2(X)	985.96	9/15/2010	21.02	---	0.00	---	22.80	0.00	964.94
RW-2(X)	985.96	9/23/2010	19.16	---	0.00	---	22.80	0.00	966.80
RW-2(X)	985.96	9/28/2010	15.14	---	0.00	---	22.80	0.00	970.82
RW-3(X)	980.28	9/1/2010	8.74	---	0.00	43.79	44.40	0.61	971.54
RW-3(X)	980.28	9/8/2010	9.64	---	0.00	41.00	44.40	3.40	970.64
RW-3(X)	980.28	9/15/2010	9.57	---	0.00	42.62	44.40	1.78	970.71
RW-3(X)	980.28	9/23/2010	9.61	---	0.00	43.82	44.40	0.58	970.67
RW-3(X)	980.28	9/28/2010	9.59	---	0.00	44.11	44.40	0.29	970.69
RW-4	987.44	9/1/2010	19.85	19.61	0.24	---	29.05	0.00	967.81
RW-4	987.44	9/8/2010	19.68	19.24	0.44	---	29.05	0.00	968.17
RW-4	987.44	9/15/2010	18.45	18.32	0.13	---	29.05	0.00	969.11
RW-4	987.44	9/23/2010	19.06	18.94	0.12	---	29.05	0.00	968.49
RW-4	987.44	9/28/2010	19.04	18.99	0.05	---	29.05	0.00	968.45

**TABLE 21-8  
ROUTINE WELL MONITORING  
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES  
GROUNDWATER MANAGEMENT AREA 1  
CONSENT DECREE MONTHLY STATUS REPORT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
September 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)
<b>Housatonic River</b>									
SG-HR-1	990.73	9/2/2010	20.09	See Note 7 regarding depth to water					970.64
SG-HR-1	990.73	9/7/2010	20.18	See Note 7 regarding depth to water					970.55
SG-HR-1	990.73	9/14/2010	20.18	See Note 7 regarding depth to water					970.55
SG-HR-1	990.73	9/22/2010	20.14	See Note 7 regarding depth to water					970.59
SG-HR-1	990.73	9/28/2010	19.98	See Note 7 regarding depth to water					970.75

**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 21-9  
ACTIVE RECOVERY SYSTEMS MONTHLY SUMMARY  
LYMAN STREET AREA  
GROUNDWATER MANAGEMENT AREA 1  
CONSENT DECREE MONTHLY STATUS REPORT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
September 2010**

Month / Year	Volume Water Pumped (gallon)	RW-1R LNAPL Recovered (gallon)	RW-3 LNAPL Recovered (gallon)
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	--	--
March 2010	276,342	--	--
April 2010	239,752	--	--
May 2010	151,460	--	--
June 2010	162,222	--	--
July 2010	113,949	--	9
August 2010	96,697	--	--
September 2010	94,815	--	--

**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 21-10  
MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL  
LYMAN STREET AREA  
GROUNDWATER MANAGEMENT AREA 1  
CONSENT DECREE MONTHLY STATUS REPORT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
September 2010**

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	September 2010 Removal (liters)
LSSC-07	9/1/2010	11.90	24.90	0.18	0.111	<b>0.721</b>
	9/7/2010	11.90	24.90	0.18	0.111	
	9/14/2010	11.90	24.90	0.18	0.111	
	9/21/2010	11.90	24.85	0.23	0.142	
	9/28/2010	11.90	24.88	0.20	0.123	
LSSC-08I	9/29/2010	11.90	24.88	0.20	0.123	<b>0.081</b>
	9/1/2010	13.18	23.22	0.03	0.019	
	9/7/2010	13.21	23.19	0.05	0.031	
	9/21/2010	13.35	23.20	0.05	0.031	
LSSC-16I	9/29/2010	10.14	28.50	0.03	0.019	<b>0.019</b>

**Total Manual DNAPL Removal for September 2010: 0.821 liters  
0.217 gallons**

Note:

1. ft BMP - feet Below Measuring Point.

**TABLE 21-11**  
**ROUTINE WELL MONITORING**  
**LYMAN STREET AREA**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**September 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	9/29/2010	13.11	---	0.00	---	22.64	0.00	969.93
LS-24	986.58	9/29/2010	18.85	---	0.00	---	19.40	0.00	967.73
LS-30	986.44	9/29/2010	16.37	---	0.00	23.60	23.95	0.35	970.07
LS-31	987.09	9/29/2010	16.90	---	0.00	24.98	25.45	0.47	970.19
LS-38	986.95	9/29/2010	17.25	---	0.00	---	26.05	0.00	969.70
LS-38S	987.82	9/29/2010	17.48	---	0.00	---	18.10	0.00	970.34
LS-44	980.78	9/29/2010	11.33	---	0.00	---	19.48	0.00	969.45
LSSC-07	982.48	9/1/2010	11.90	---	0.00	24.90	25.08	0.18	970.58
LSSC-07	982.48	9/7/2010	11.90	---	0.00	24.90	25.08	0.18	970.58
LSSC-07	982.48	9/14/2010	11.90	---	0.00	24.90	25.08	0.18	970.58
LSSC-07	982.48	9/21/2010	11.90	---	0.00	24.85	25.08	0.23	970.58
LSSC-07	982.48	9/28/2010	11.90	---	0.00	24.88	25.08	0.20	970.58
LSSC-07	982.48	9/29/2010	11.90	---	0.00	24.88	25.08	0.20	970.58
LSSC-08I	983.13	9/1/2010	13.18	---	0.00	23.22	23.25	0.03	969.95
LSSC-08I	983.13	9/7/2010	13.21	---	0.00	23.19	23.24	0.05	969.92
LSSC-08I	983.13	9/14/2010	13.13	---	0.00	---	23.24	0.00	970.00
LSSC-08I	983.13	9/21/2010	13.35	---	0.00	23.20	23.25	0.05	969.78
LSSC-08I	983.13	9/28/2010	13.10	---	0.00	---	23.24	0.00	970.03
LSSC-08I	983.13	9/29/2010	13.10	---	0.00	---	23.24	0.00	970.03
LSSC-08S	983.11	9/29/2010	13.30	---	0.00	---	14.66	0.00	969.81
LSSC-16I	980.88	9/29/2010	10.14	---	0.00	28.50	28.53	0.03	970.74
LSSC-18	987.32	9/29/2010	19.25	---	0.00	---	22.49	0.00	968.07
LSSC-32	980.68	9/29/2010	10.22	---	0.00	---	35.24	0.00	970.46
LSSC-33	980.49	9/29/2010	10.11	---	0.00	---	29.01	0.00	970.38
RW-1 (R)	985.07	9/1/2010	17.44	---	0.00	---	21.65	0.00	967.63
RW-1 (R)	985.07	9/8/2010	17.68	---	0.00	---	21.65	0.00	967.39
RW-1 (R)	985.07	9/15/2010	17.52	---	0.00	---	21.65	0.00	967.55
RW-1 (R)	985.07	9/23/2010	17.50	---	0.00	---	21.65	0.00	967.57
RW-1 (R)	985.07	9/28/2010	17.62	---	0.00	---	21.65	0.00	967.45
RW-2	985.92	9/1/2010	18.10	---	0.00	---	24.70	0.00	967.82
RW-2	985.92	9/8/2010	19.18	---	0.00	---	24.70	0.00	966.74
RW-2	985.92	9/15/2010	19.75	---	0.00	---	24.70	0.00	966.17
RW-2	985.92	9/23/2010	18.29	---	0.00	---	24.70	0.00	967.63
RW-2	985.92	9/28/2010	18.86	---	0.00	---	24.70	0.00	967.06
RW-3	984.08	9/1/2010	14.98	14.94	0.04	---	22.70	0.00	969.14
RW-3	984.08	9/8/2010	14.94	14.88	0.06	---	22.70	0.00	969.20
RW-3	984.08	9/15/2010	14.91	14.84	0.07	---	22.70	0.00	969.24
RW-3	984.08	9/23/2010	14.91	14.83	0.08	---	22.70	0.00	969.24
RW-3	984.08	9/28/2010	14.89	14.79	0.10	---	22.70	0.00	969.28
<b>Housatonic River (Lyman Street Bridge)</b>									
BM-2A	986.32	9/2/2010	16.68	See Note 3 regarding depth to water					969.64
BM-2A	986.32	9/7/2010	16.73	See Note 3 regarding depth to water					969.59
BM-2A	986.32	9/14/2010	16.71	See Note 3 regarding depth to water					969.61
BM-2A	986.32	9/22/2010	16.68	See Note 3 regarding depth to water					969.64
BM-2A	986.32	9/28/2010	16.61	See Note 3 regarding depth to water					969.71

**Notes:**

1. ft BMP - feet Below Measuring Point.
2. --- indicates NAPL was not present in a measurable quantity.
3. A survey reference point (BM-2A) was established on the Lyman Street Bridge. The "Depth to Water" value(s) provided in the above table refer to the vertical distance from the surveyed reference point to the water surface.

**TABLE 21-12**  
**ACTIVE DNAPL RECOVERY SYSTEMS MONTHLY SUMMARY**  
**NEWELL STREET AREA II**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**September 2010**

Recovery System	Date	Total Gallons Recovered
System 2(1)	September 2009	0.0
	October 2009	0.0
	November 2009	0.0
	December 2009	0.0
	January 2010	0.0
	February 2010	0.0
	March 2010	0.0
	April 2010	0.0
	May 2010	8.0
	June 2010	20.0
	July 2010	16.2
	August 2010	20.0
September 2010	16.0	
<b>Total Automated DNAPL Removal for September 2010:</b>		16.0

Note:

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



**TABLE 21-13**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GROUNDWATER MANAGEMENT AREA 1 - NEWELL STREET AREA II**  
**MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL**  
**September 2010**

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	September 2010 Removal (liters)
N2SC-07	9/29/2010	11.10	35.70	0.15	0.925	<b>0.925</b>

**Total DNAPL Removal for September 2010: 0.925 liters**  
**0.244 gallons**

Note:

1. ft BMP - feet Below Measuring Point.

**TABLE 21-14**  
**ROUTINE WELL MONITORING**  
**NEWELL STREET AREA II**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**September 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	9/29/2010	12.90	---	0.00	36.90	40.28	3.38	972.09
N2SC-01I(R)	984.34	9/1/2010	16.44	NM	NM	41.47	42.60	1.13	967.90
N2SC-01I(R)	984.34	9/8/2010	16.51	NM	NM	41.45	42.60	1.15	967.83
N2SC-01I(R)	984.34	9/15/2010	16.48	NM	NM	41.48	42.60	1.12	967.86
N2SC-01I(R)	984.34	9/23/2010	16.50	NM	NM	41.68	42.60	0.92	967.84
N2SC-01I(R)	984.34	9/28/2010	16.47	NM	NM	41.66	42.60	0.94	967.87
N2SC-02	983.18	9/29/2010	11.90	---	0.00	---	38.16	0.00	971.28
N2SC-03I	982.97	9/29/2010	11.43	---	0.00	36.85	37.64	0.79	971.54
N2SC-03I(R)	985.86	9/1/2010	14.61	NM	NM	38.61	41.10	2.49	971.25
N2SC-03I(R)	985.86	9/8/2010	14.64	NM	NM	38.60	41.10	2.50	971.22
N2SC-03I(R)	985.86	9/15/2010	14.58	NM	NM	38.65	41.10	2.45	971.28
N2SC-03I(R)	985.86	9/23/2010	14.56	NM	NM	38.81	41.10	2.29	971.30
N2SC-03I(R)	985.86	9/28/2010	14.50	NM	NM	38.80	41.10	2.30	971.36
N2SC-07	984.61	9/29/2010	11.10	---	0.00	35.70	35.85	0.15	973.51
N2SC-08	986.07	9/29/2010	12.33	---	0.00	39.20	40.80	1.60	973.74
N2SC-14	986.66	9/1/2010	15.23	NM	NM	39.27	40.00	0.73	971.43
N2SC-14	986.66	9/8/2010	15.27	NM	NM	39.30	40.00	0.70	971.39
N2SC-14	986.66	9/15/2010	15.31	NM	NM	39.32	40.00	0.68	971.35
N2SC-14	986.66	9/23/2010	15.36	NM	NM	39.29	40.00	0.71	971.30
N2SC-14	986.66	9/28/2010	15.34	NM	NM	39.26	40.00	0.74	971.32

Notes:

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

**TABLE 21-15**  
**ROUTINE WELL MONITORING**  
**SILVER LAKE AREA**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**September 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)
<b>Staff Gauge within Silver Lake</b>									
BM-SL-5	980.30	9/2/2010	4.63			See Note 3 regarding depth to water			975.67
BM-SL-5	980.30	9/7/2010	4.67			See Note 3 regarding depth to water			975.63
BM-SL-5	980.30	9/14/2010	4.67			See Note 3 regarding depth to water			975.63
BM-SL-5	980.30	9/22/2010	4.63			See Note 3 regarding depth to water			975.67
BM-SL-5	980.30	9/28/2010	4.49			See Note 3 regarding depth to water			975.81

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 21-16  
SILVER LAKE OUTLET CALCULATED DISCHARGE  
SILVER LAKE AREA  
GROUNDWATER MANAGEMENT AREA 1**

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

<b>Date</b>	<b>Gauge Measurement (ft)</b>	<b>Calculated Flow (cfs)</b>
9/22/2010	3.35	0.75

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)**  
**(GEC320)**  
**SEPTEMBER 2010**

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

**a. Activities Undertaken/Completed**

Continued routine river elevation monitoring.

**b. Sampling/Test Results Received**

See attached table.

**c. Work Plans/Reports/Documents Submitted**

None

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

- Continue routine river elevation monitoring.
- Conduct Fall 2010 semi-annual groundwater elevation monitoring and sampling event.

**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 groundwater sampling events 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

**TABLE 22-1  
ROUTINE WELL MONITORING  
GROUNDWATER MANAGEMENT AREA 2  
CONSENT DECREE MONTHLY STATUS REPORT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
September 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)
<b>Housatonic River (Foot Bridge)</b>									
GMA2-SG-1	989.82	9/28/2010	17.18	See Note 7 regarding depth to water					972.64

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates NAPL was not present in a measurable quantity.
7. 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)**  
**(GEC330)**  
**SEPTEMBER 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. Approximately 74.5 gallons of LNAPL were removed by the automatic skimmer located in well 51-21, no LNAPL was removed by the automatic skimmer located in well GMA3-17 (see Table 23-1). An additional 15.571 liters (4.108 gallons) of LNAPL were manually removed from the wells in this area during September (see Table 23-2).

**b. Sampling/Test Results Received**

See attached tables.

**c. Work Plans/Reports/Documents Submitted**

None

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

- Continue routine groundwater and NAPL monitoring/recovery activities.
- Conduct maintenance activities at selected monitoring wells.
- Conduct Fall 2010 semi-annual NAPL bailing round, groundwater elevation/NAPL monitoring, and groundwater sampling events.
- Conduct Fall 2010 annual inventory of materials and/or products within Buildings 51 and 59 that could contain volatile constituents similar to those that have been previously detected in the indoor air samples and are common to the target constituents in the LNAPL or groundwater.
- Conduct Fall 2010 annual sampling and analysis of soil gas beneath, and indoor air within, Buildings 51 and 59 at or near the same locations that were sampled in Fall 2009.

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

None

**ITEM 23  
(cont'd)  
GROUNDWATER MANAGEMENT AREAS  
PLANT SITE 2 (GMA 3)  
(GEC330)  
SEPTEMBER 2010**

**f. Proposed/Approved Work Plan Modifications**

Proposed modifications to the GMA 3 monitoring program included in the Spring 2010 Groundwater Quality and NAPL Monitoring Interim Report are awaiting EPA approval.



**TABLE 23-1**  
**AUTOMATED LNAPL RECOVERY SYSTEMS MONTHLY SUMMARY**  
**GROUNDWATER MANAGEMENT AREA 3**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**September 2010**

Recovery Well	Month	Vol. LNAPL Collected (gallons)
51-21	September 2009	1.9
	October 2009	0.9
	November 2009	1.7
	December 2009	2.6
	January 2010	3
	February 2010	1.9
	March 2010	2.9
	April 2010	2.0
	May 2010	0.6
	June 2010	7.8
	July 2010	23.1
	August 2010	35.2
	September 2010	74.5
GMA3-17	September 2009	1.2
	October 2009	2.6
	November 2009	4.8
	December 2009	4.2
	January 2010	2.8
	February 2010	5.3
	March 2010	2.5
	April 2010	1.1
	May 2010	1.4
	June 2010	4.0
	July 2010	0.2
	August 2010	0.5
	September 2010	0.0

**TABLE 23-2**  
**MEASUREMENT AND REMOVAL OF RECOVERABLE LNAPL**  
**GROUNDWATER MANAGEMENT AREA 3**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**September 2010**

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	September 2010 Removal (liters)
51-08	9/1/2010	13.25	12.04	1.21	0.747	<b>3.671</b>
	9/7/2010	13.30	12.12	1.18	0.728	
	9/14/2010	13.60	12.30	1.30	0.802	
	9/21/2010	13.24	12.24	1.00	0.617	
	9/28/2010	13.50	12.24	1.26	0.777	
51-15	9/28/2010	12.40	11.70	0.70	0.432	<b>0.432</b>
51-16R	9/28/2010	12.51	11.51	1.00	0.617	<b>0.617</b>
51-17	9/28/2010	12.73	11.40	1.33	0.821	<b>0.821</b>
51-19	9/28/2010	12.80	11.78	1.02	0.629	<b>0.629</b>
59-03R	9/28/2010	13.65	12.81	0.84	0.518	<b>0.518</b>
59-07	9/28/2010	13.50	13.04	0.46	0.284	<b>0.284</b>
GMA3-10	9/28/2010	12.88	12.68	0.20	0.123	<b>0.123</b>
GMA3-12	9/1/2010	13.31	12.73	0.58	1.434	<b>8.380</b>
	9/7/2010	13.38	12.79	0.59	1.458	
	9/14/2010	13.65	12.90	0.75	1.854	
	9/21/2010	13.68	12.93	0.75	1.854	
	9/28/2010	13.70	12.98	0.72	1.780	
GMA3-13	9/1/2010	12.62	12.60	0.02	0.012	<b>0.093</b>
	9/7/2010	12.65	12.60	0.05	0.031	
	9/21/2010	12.86	12.81	0.05	0.031	
	9/28/2010	12.89	12.86	0.03	0.019	
UB-PZ-3	9/28/2010	13.41	13.40	0.01	0.003	<b>0.003</b>

**Total LNAPL Removed for September 2010: 15.571 liters**  
**4.108 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**  
**September 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	9/28/2010	Dry at 10.44 feet				NA	NA	NA
51-06	997.29	9/28/2010	12.14	---	0.00	---	14.25	0.00	985.15
51-07	997.08	9/28/2010	12.23	---	0.00	---	13.05	0.00	984.85
51-08	997.08	9/1/2010	13.25	12.04	1.21	---	14.60	0.00	984.96
51-08	997.08	9/7/2010	13.30	12.12	1.18	---	14.60	0.00	984.88
51-08	997.08	9/14/2010	13.60	12.30	1.30	---	14.60	0.00	984.69
51-08	997.08	9/21/2010	13.24	12.24	1.00	---	14.60	0.00	984.77
51-08	997.08	9/28/2010	13.50	12.24	1.26	---	14.60	0.00	984.75
51-09	997.66	9/28/2010	12.58	---	0.00	---	14.64	0.00	985.08
51-11	994.37	9/28/2010	11.10	---	0.00	---	13.55	0.00	983.27
51-12	996.55	9/28/2010	7.80	---	0.00	---	13.36	0.00	988.75
51-13	997.28	9/28/2010	12.55	---	0.00	---	13.74	0.00	984.73
51-14	996.64	9/28/2010	11.90	---	0.00	---	14.48	0.00	984.74
51-15	996.43	9/28/2010	12.40	11.70	0.70	---	14.30	0.00	984.68
51-16R	996.39	9/28/2010	12.51	11.51	1.00	---	14.50	0.00	984.81
51-17	996.43	9/28/2010	12.73	11.40	1.33	---	14.50	0.00	984.94
51-18	997.12	9/28/2010	12.35	---	0.00	---	12.58	0.00	984.77
51-19	996.43	9/28/2010	12.80	11.78	1.02	---	14.05	0.00	984.58
51-21	1,001.49	9/1/2010	16.69	16.67	0.02	---	NM	0.00	984.82
51-21	1,001.49	9/8/2010	16.75	16.73	0.02	---	NM	0.00	984.76
51-21	1,001.49	9/15/2010	16.84	16.81	0.03	---	NM	0.00	984.68
51-21	1,001.49	9/23/2010	16.91	16.90	0.01	---	NM	0.00	984.59
51-21	1,001.49	9/28/2010	16.93	16.91	0.02	---	NM	0.00	984.58
59-01	997.52	9/28/2010	12.92	12.70	0.22	---	18.09	0.00	984.80
59-03R	997.64	9/28/2010	13.65	12.81	0.84	---	17.03	0.00	984.77
59-07	997.96	9/28/2010	13.50	13.04	0.46	---	23.45	0.00	984.89
078B-R	988.83	9/28/2010	2.78	---	0.00	---	11.74	0.00	986.05
GMA3-10	997.54	8/31/2010	12.44	12.38	0.06	---	17.67	0.00	985.16
GMA3-10	997.54	9/1/2010	12.46	12.42	0.04	---	17.67	0.00	985.12
GMA3-10	997.54	9/7/2010	12.52	12.50	0.02	---	17.68	0.00	985.04
GMA3-10	997.54	9/8/2010	12.53	12.51	0.02	---	17.66	0.00	985.03
GMA3-10	997.54	9/14/2010	12.75	12.23	0.52	---	17.67	0.00	985.27
GMA3-10	997.54	9/15/2010	12.77	12.24	0.53	---	17.67	0.00	985.26
GMA3-10	997.54	9/21/2010	12.75	12.63	0.12	---	17.66	0.00	984.90
GMA3-10	997.54	9/22/2010	12.79	12.65	0.14	---	17.66	0.00	984.88
GMA3-10	997.54	9/28/2010	12.88	12.68	0.20	---	17.66	0.00	984.85
GMA3-10	997.54	9/29/2010	12.90	12.69	0.21	---	17.66	0.00	984.84
GMA3-11	997.25	9/28/2010	12.30	---	0.00	---	17.90	0.00	984.95
GMA3-12	997.84	9/1/2010	13.31	12.73	0.58	---	21.18	0.00	985.07
GMA3-12	997.84	9/7/2010	13.38	12.79	0.59	---	21.18	0.00	985.01
GMA3-12	997.84	9/14/2010	13.65	12.90	0.75	---	21.16	0.00	984.89
GMA3-12	997.84	9/21/2010	13.68	12.93	0.75	---	21.16	0.00	984.86
GMA3-12	997.84	9/28/2010	13.70	12.98	0.72	---	21.15	0.00	984.81
GMA3-13	997.73	9/1/2010	12.62	12.60	0.02	---	17.38	0.00	985.13
GMA3-13	997.73	9/7/2010	12.65	12.60	0.05	---	17.38	0.00	985.13
GMA3-13	997.73	9/14/2010	12.85	---	0.00	---	17.38	0.00	984.88
GMA3-13	997.73	9/21/2010	12.86	12.81	0.05	---	17.35	0.00	984.92
GMA3-13	997.73	9/28/2010	12.89	12.86	0.03	---	17.35	0.00	984.87
GMA3-14	997.42	9/28/2010	12.05	---	0.00	---	16.33	0.00	985.37
GMA3-16	989.26	9/28/2010	2.97	---	0.00	---	12.22	0.00	986.29

**TABLE 23-3  
ROUTINE WELL MONITORING  
GROUNDWATER MANAGEMENT AREA 3  
CONSENT DECREE MONTHLY STATUS REPORT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
September 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)
GMA3-17	1,002.00	9/1/2010	18.54	P	< 0.01	---	NM	0.00	983.46
GMA3-17	1,002.00	9/8/2010	18.63	P	< 0.01	---	NM	0.00	983.37
GMA3-17	1,002.00	9/15/2010	18.71	P	< 0.01	---	NM	0.00	983.29
GMA3-17	1,002.00	9/23/2010	18.76	P	< 0.01	---	NM	0.00	983.24
GMA3-17	1,002.00	9/28/2010	18.74	P	< 0.01	---	NM	0.00	983.26
UB-MW-10	995.99	09/28/.2010	11.10	---	0.00	---	14.10	0.00	984.89
UB-PZ-3	998.15	9/28/2010	13.41	13.40	0.01	---	13.42	0.00	984.75

**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. Survey reference points were established on the GMA 3 staff gauges. 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 24  
GROUNDWATER MANAGEMENT AREAS  
PLANT SITE 3 (GMA 4)  
(GEC340)  
SEPTEMBER 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**

Submitted an addendum to the Spring 2010 Groundwater Quality Monitoring Interim Report to correct a discrepancy between portions of that report (September 9, 2010).

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

- Conduct maintenance activities at selected monitoring wells.
- Conduct Fall 2010 semi-annual groundwater elevation monitoring and sampling events.

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

None

**f. Proposed/Approved Work Plan Modifications**

Proposed modifications to the GMA 4 monitoring program included in the Spring 2010 Groundwater Quality Monitoring Interim Report are awaiting EPA approval.

**ITEM 25  
GROUNDWATER MANAGEMENT AREAS  
FORMER OXBOWS A & C (GMA 5)  
(GEC350)  
SEPTEMBER 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**

Submitted Spring 2010 Long-Term Trend Evaluation Report (September 14, 2010).

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

None

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

None

**f. Proposed/Approved Work Plan Modifications**

Due to the presence of tetrachloroethene (PCE) documented during the GMA 5 sampling activities, MDEP has issued a Notice of Responsibility to the owner of an upgradient property where a dry cleaning facility was operated. In the Spring 2010 Long-Term Trend Evaluation Report, GE proposed to suspend additional activities at GMA 5 until such time as the work plan to be submitted by that property owner is approved by MDEP, the associated testing program is completed, and the regulatory status of the PCE release from the upgradient property is further clarified by MDEP.

ARCADIS

**Attachment A**

NPDES Sampling Records  
and Results – September 2010

**TABLE A-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING SEPTEMBER 2010**

**NPDES PERMIT MONITORING  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received by GE or ARCADIS</b>
NPDES Sampling	005-3Q3M-1X-CP	9/7/10	Water	SGS	PCB	9/13/10
NPDES Sampling	005-3Q3M-1X-CT	9/7/10	Water	Columbia	TSS	9/16/10
NPDES Sampling	005-3Q3M-1X-GO	9/7/10	Water	Columbia	Oil & Grease	9/16/10
NPDES Sampling	005-3Q3M-2X-CP	9/13/10	Water	SGS	PCB	9/20/10
NPDES Sampling	005-3Q3M-2X-CT	9/13/10	Water	Columbia	TSS	9/23/10
NPDES Sampling	005-3Q3M-2X-GO	9/13/10	Water	Columbia	Oil & Grease	9/23/10
NPDES Sampling	09B-3Q-3X-CP	9/8/10	Water	SGS	PCB	9/14/10
NPDES Sampling	09B-3Q-3X-CT	9/8/10	Water	Columbia	TSS	9/17/10
NPDES Sampling	64G-3Q3M-1X-CP	9/7/10	Water	SGS	PCB	9/13/10
NPDES Sampling	64G-3Q3M-1X-CT	9/7/10	Water	Columbia	TSS	9/16/10
NPDES Sampling	64G-3Q3M-1X-GO	9/7/10	Water	Columbia	Oil & Grease	9/16/10
NPDES Sampling	64G-3Q3M-1X-GS	9/7/10	Water	Columbia	SVOC	9/17/10
NPDES Sampling	64G-3Q3M-1X-GV	9/7/10	Water	Columbia	VOC	9/17/10
NPDES Sampling	64G-3Q3M-2X-CP	9/13/10	Water	SGS	PCB	9/20/10
NPDES Sampling	64G-3Q3M-2X-CT	9/13/10	Water	Columbia	TSS	9/23/10
NPDES Sampling	64G-3Q3M-2X-GO	9/13/10	Water	Columbia	Oil & Grease	9/23/10
NPDES Sampling	64G-3Q3M-2X-GS	9/13/10	Water	Columbia	SVOC	9/21/10
NPDES Sampling	64G-3Q3M-2X-GV	9/13/10	Water	Columbia	VOC	9/21/10
NPDES Sampling	64G-A10161	9/13/10	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	64G-A10161	9/13/10	Water	Columbia	TOC, Alkalinity, Ammonia, Total Solids	9/27/10
NPDES Sampling	64G-A10161	9/13/10	Water	Columbia	Total Dissolved Solids	9/27/10
NPDES Sampling	64G-A10161TM	9/13/10	Water	Columbia	Metals (6)	9/27/10
NPDES Sampling	64G-A10163	9/15/10	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	64G-A10163	9/15/10	Water	Columbia	TOC, Alkalinity, Ammonia, Total Solids	
NPDES Sampling	64G-A10163	9/15/10	Water	Columbia	Total Dissolved Solids	
NPDES Sampling	64G-A10163TM	9/15/10	Water	Columbia	Metals (6)	
NPDES Sampling	64G-A10165	9/17/10	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	64G-A10165	9/17/10	Water	Columbia	TOC, Alkalinity, Ammonia, Total Solids	
NPDES Sampling	64G-A10165	9/17/10	Water	Columbia	Total Dissolved Solids	
NPDES Sampling	64G-A10165TM	9/17/10	Water	Columbia	Metals (6)	
NPDES Sampling	A10162R	9/13/10	Water	Columbia	TOC, Alkalinity, Ammonia, Total Solids	9/27/10
NPDES Sampling	A10162R	9/13/10	Water	Columbia	Total Dissolved Solids	9/27/10
NPDES Sampling	A10162RTM	9/13/10	Water	Columbia	Metals (6)	9/27/10
NPDES Sampling	A10164R	9/15/10	Water	Columbia	TOC, Alkalinity, Ammonia, Total Solids	



**TABLE A-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING SEPTEMBER 2010**

**NPDES PERMIT MONITORING  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received by GE or ARCADIS</b>
NPDES Sampling	A10164R	9/15/10	Water	Columbia	Total Dissolved Solids	
NPDES Sampling	A10164RTM	9/15/10	Water	Columbia	Metals (6)	
NPDES Sampling	A10166R	9/17/10	Water	Columbia	TOC, Alkalinity, Ammonia, Total Solids	
NPDES Sampling	A10166R	9/17/10	Water	Columbia	Total Dissolved Solids	
NPDES Sampling	A10166RTM	9/17/10	Water	Columbia	Metals (6)	

TABLE A-2  
DATA RECEIVED DURING SEPTEMBER 2010

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

Parameter	Sample ID: Date Collected:	005-3Q3M-1X-CP 09/07/10	005-3Q3M-1X-CT 09/07/10	005-3Q3M-1X-GO 09/07/10	005-3Q3M-2X-CP 09/13/10	005-3Q3M-2X-CT 09/13/10	005-3Q3M-2X-GO 09/13/10	09B-3Q-3X-CP 09/08/10
<b>Volatile Organics</b>								
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
<b>PCBs-Unfiltered</b>								
Aroclor-1254		ND(0.000015)	NA	NA	0.0000079 J	NA	NA	0.0000083 J
Aroclor-1260		ND(0.000015)	NA	NA	0.0000092 J	NA	NA	0.0000091 J
Total PCBs		ND(0.000015)	NA	NA	0.0000171 J	NA	NA	0.0000174 J
<b>Semivolatile Organics</b>								
None Detected		NA	NA	NA	NA	NA	NA	NA
<b>Inorganics-Unfiltered</b>								
Aluminum		NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA
<b>Conventional</b>								
Alkalinity		NA	NA	NA	NA	NA	NA	NA
Ammonia Nitrogen		NA	NA	NA	NA	NA	NA	NA
Oil & Grease		NA	NA	ND(4.1)	NA	NA	ND(4.1)	NA
Total Dissolved Solids		NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon		NA	NA	NA	NA	NA	NA	NA
Total Solids		NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids		NA	ND(1.00)	NA	NA	ND(1.00)	NA	NA

TABLE A-2  
DATA RECEIVED DURING SEPTEMBER 2010

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

Parameter	Sample ID: Date Collected:	09B-3Q-3X-CT 09/08/10	64G-3Q3M-1X-CP 09/07/10	64G-3Q3M-1X-CT 09/07/10	64G-3Q3M-1X-GO 09/07/10	64G-3Q3M-1X-GS 09/07/10	64G-3Q3M-1X-GV 09/07/10	64G-3Q3M-2X-CP 09/13/10
<b>Volatile Organics</b>								
1,1,1-Trichloroethane		NA	NA	NA	NA	NA	0.00033 J	NA
1,1-Dichloroethane		NA	NA	NA	NA	NA	0.00086 J	NA
Chloroethane		NA	NA	NA	NA	NA	0.00073 J	NA
<b>PCBs-Unfiltered</b>								
Aroclor-1254		NA	ND(0.000016)	NA	NA	NA	NA	ND(0.000016)
Aroclor-1260		NA	ND(0.000016)	NA	NA	NA	NA	ND(0.000016)
Total PCBs		NA	ND(0.000016)	NA	NA	NA	NA	ND(0.000016)
<b>Semivolatile Organics</b>								
None Detected		NA	NA	NA	NA	--	NA	NA
<b>Inorganics-Unfiltered</b>								
Aluminum		NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA
<b>Conventional</b>								
Alkalinity		NA	NA	NA	NA	NA	NA	NA
Ammonia Nitrogen		NA	NA	NA	NA	NA	NA	NA
Oil & Grease		NA	NA	NA	ND(4.2)	NA	NA	NA
Total Dissolved Solids		NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon		NA	NA	NA	NA	NA	NA	NA
Total Solids		NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids		1.80	NA	ND(1.00)	NA	NA	NA	NA

**TABLE A-2  
DATA RECEIVED DURING SEPTEMBER 2010**

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

Parameter	Sample ID: Date Collected:	64G-3Q3M-2X-CT 09/13/10	64G-3Q3M-2X-GO 09/13/10	64G-3Q3M-2X-GS 09/13/10	64G-3Q3M-2X-GV 09/13/10	64G-A10161 09/13/10	64G-A10161TM 09/13/10	A10162R 09/13/10	A10162RTM 09/13/10
<b>Volatile Organics</b>									
1,1,1-Trichloroethane		NA	NA	NA	0.00042 J	NA	NA	NA	NA
1,1-Dichloroethane		NA	NA	NA	0.00074 J	NA	NA	NA	NA
Chloroethane		NA	NA	NA	ND(0.0010)	NA	NA	NA	NA
<b>PCBs-Unfiltered</b>									
Aroclor-1254		NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260		NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs		NA	NA	NA	NA	NA	NA	NA	NA
<b>Semivolatile Organics</b>									
None Detected		NA	NA	--	NA	NA	NA	NA	NA
<b>Inorganics-Unfiltered</b>									
Aluminum		NA	NA	NA	NA	NA	ND(0.0200)	NA	0.0400
Cadmium		NA	NA	NA	NA	NA	ND(0.000500)	NA	ND(0.000500)
Copper		NA	NA	NA	NA	NA	ND(0.00100)	NA	ND(0.00100)
Lead		NA	NA	NA	NA	NA	ND(0.000500)	NA	ND(0.000500)
Nickel		NA	NA	NA	NA	NA	0.00230	NA	0.00150
Zinc		NA	NA	NA	NA	NA	0.00680	NA	ND(0.00500)
<b>Conventional</b>									
Alkalinity		NA	NA	NA	NA	367	NA	206	NA
Ammonia Nitrogen		NA	NA	NA	NA	ND(0.0500)	NA	ND(0.0500)	NA
Oil & Grease		NA	ND(4.1)	NA	NA	NA	NA	NA	NA
Total Dissolved Solids		NA	NA	NA	NA	672	NA	246	NA
Total Organic Carbon		NA	NA	NA	NA	6.6	NA	3.7	NA
Total Solids		NA	NA	NA	NA	690	NA	279	NA
Total Suspended Solids		ND(1.00)	NA	NA	NA	NA	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, metals, alkalinity, ammonia, oil & grease, total dissolved solids, total organic carbon, total solids and total suspended solids.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. With the exception of inorganics and conventional parameters, only those constituents detected in one or more samples are summarized.
5. -- Indicates that all constituents for the parameter group were not detected.

**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  
August 2010

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 08/01/2010	TO 08/31/2010

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 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	7.20	*****	7.70	SU	0	WEEKLY	RCORDR
	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM	SU		Twice Every Month	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	0	*****	0	mg/L	0	2/MO	COMP24
	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	mg/L		Twice Every Month	COMP24
Oil & grease 00556 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	0	*****	0	mg/L	0	2/MO	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	mg/L		Twice Every Month	GRAB
Polychlorinated biphenyls (PCBs) 39516 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	0	*****	0	ug/L	0	2/MO	COMP24
	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	ug/L		Twice Every Month	COMP24
Flow, in conduit or thru treatment plant 50050 1 0 Effluent Gross	SAMPLE MEASUREMENT	0.0955	0.1238	MGD	*****	*****	*****	*****	0	CONT	RCORDR
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Continuous	RCORDR
Volatile Organic Compound (VOC) 51415 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	0	*****	0	ug/L	0	2/MO	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	ug/L		Twice Every Month	GRAB
Volatile fraction organics (EPA 624) 78733 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	2.010	*****	2.020	ug/L	0	2/MO	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	ug/L		Twice Every Month	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER 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.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Michael T. Carroll</i>	TELEPHONE	DATE
			AREA Code	NUMBER
			(413) 448-5902	09/22/2010

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  
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

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

MONITORING PERIOD			
MM/DD/YYYY		MM/DD/YYYY	
08/01/2010	FROM	08/31/2010	TO

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	0.1078	0.1238	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 MICHAEL T. CARROLL MGR, PITTSFIELD REMEDIATION PACT. TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Michael T. Carroll</i>	TELEPHONE	DATE
			AREA Code	NUMBER

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

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

Attachment E - 64G

Date	Weekly Min - pH	Weekly Max - pH	Oil & Grease MG/L	FN	TSS MG/L	FN	PCB UG/L	FN	VOC	FN	SVOC	FN	Metered Flow - MGD	Rainfall Total - In	Rainfall Peak - In
08/01/10	7.20	7.30											0.0919	0.00	0.00
08/02/10			U4.20	1,G	U1.00	1,C	0	C	2.000	G	0.000	G	0.1238	0.00	0.00
08/03/10													0.1219	0.00	0.00
08/04/10													0.0703	0.00	0.00
08/05/10													0.1094	0.00	0.00
08/06/10													0.1121	0.02	0.02
08/07/10													0.0873	0.00	0.00
08/08/10	7.20	7.30											0.1133	0.00	0.00
08/09/10			U4.10	1,G	U1.00	1,C	0	C	2.020	G	0.000	G	0.0919	0.00	0.00
08/10/10													0.1118	0.01	0.01
08/11/10													0.1123	0.00	0.00
08/12/10													0.0777	0.00	0.00
08/13/10													0.1044	0.00	0.00
08/14/10													0.1141	0.00	0.00
08/15/10	7.20	7.70											0.0796	0.00	0.00
08/16/10													0.1131	0.15	0.09
08/17/10													0.1109	0.29	0.29
08/18/10													0.0795	0.00	0.00
08/19/10													0.0814	0.00	0.00
08/20/10													0.1031	0.06	0.06
08/21/10													0.0781	0.00	0.00
08/22/10	7.30	7.60											0.1136	0.00	0.00
08/23/10													0.1101	0.30	0.08
08/24/10													0.0853	0.00	0.00
08/25/10													0.1091	0.02	0.02
08/26/10													0.1105	0.00	0.00
08/27/10													0.0766	0.00	0.00
08/28/10													0.0714	0.00	0.00
08/29/10	7.50	7.60											0.0731	0.00	0.00
08/30/10													0.0483	0.00	0.00
08/31/10													0.0747	0.00	0.00

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



August 18, 2010

Service Request No: R1004313

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

**Laboratory Results for: GE -Pittsfield NPDES**

Dear Mr. Coyle:

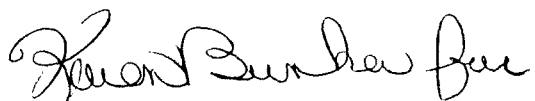
Enclosed are the results of the sample(s) submitted to our laboratory on August 11, 2010. For your reference, these analyses have been assigned our service request number **R1004313**.

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](mailto:DPatton@caslab.com).

Respectfully submitted,

**Columbia Analytical Services, Inc.**



Deb Patton  
Project Manager

Page 1 of 25

COLUMBIA ANALYTICAL SERVICES, INC.

Client: GE-Pittsfield  
Project: NPDES 8/2010  
Sample Matrix: Water

Service Request No.: R1004313  
Date Received: 8/11/10

<u>LAB ID</u>	<u>CLIENT ID</u>
R1004313-001	64G-3Q2M-2X-GV
R1004313-003	64G-3Q2M-2X-GS
R1004313-004	TRIP BLANK

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 8/11/10. 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.

The Laboratory Control Sample was outside of the control limits high for Dichlorodifluoromethane and has been flagged with a “\*”. There were no hits in the sample for this compound and no data was affected.

The Method Blank contained a hit for Methylene Chloride. The Trip Blank required a “B” flag for this compound since the hit in the sample was within 5 times the level in the blank.

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

Extractable Organics

Benzidine was outside of the control limits low in the Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) and the RPD was outside of the limits high. The compound Hexachloroethane was outside limits low for both the LCS and LCSD recoveries. The compound 2-Chloronaphthalene was outside limits low, for the LCSD. These have 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.

Approved by



Date

8/18/10

00002

**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/Aroclors).
- 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 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 ( $\geq 100\%$  Difference between two GC columns).
- X See Case Narrative for discussion.



**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.*

  
\_\_\_\_\_  
*Director, Division of Environmental Analysis*

*Issued:* 01 JUL 2010  
*Expires:* 30 JUN 2011

COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 01 JUL 2010

M-NY032 COLUMBIA ANALYTICAL SERVICES  
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY)      Effective Date      01 JUL 2010      Expiration Date      30 JUN 2011

<u>Analytes</u>	<u>Methods</u>
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 2010

M-NY032 COLUMBIA ANALYTICAL SERVICES  
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY)	Effective Date	01 JUL 2010	Expiration Date	30 JUN 2011
<u>Analytes</u>			<u>Methods</u>	
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 1864	
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  
**Project:** GE -Pittsfield NPDES  
**Sample Matrix:** Water  
**Sample Name:** 64G-3Q2M-2X-GV  
**Lab Code:** R1004313-001

**Service Request:** R1004313  
**Date Collected:** 8/ 9/10 0705  
**Date Received:** 8/11/10

**Units:** µg/L  
**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
1,1,1-Trichloroethane (TCA)	0.37	J	1.0	0.23	1	NA	8/11/10 19:29		212081
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.27	1	NA	8/11/10 19:29		212081
1,1,2-Trichloroethane	1.0	U	1.0	0.25	1	NA	8/11/10 19:29		212081
1,1-Dichloroethane (1,1-DCA)	0.80	J	1.0	0.28	1	NA	8/11/10 19:29		212081
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.23	1	NA	8/11/10 19:29		212081
1,2-Dichlorobenzene	1.0	U	1.0	0.23	1	NA	8/11/10 19:29		212081
1,2-Dichloroethane	1.0	U	1.0	0.24	1	NA	8/11/10 19:29		212081
1,2-Dichloropropane	1.0	U	1.0	0.34	1	NA	8/11/10 19:29		212081
1,3-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	8/11/10 19:29		212081
1,4-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	8/11/10 19:29		212081
2-Chloroethyl Vinyl Ether	10	U	10	0.78	1	NA	8/11/10 19:29		212081
Acrolein	10	U	10	2.0	1	NA	8/11/10 19:29		212081
Acrylonitrile	10	U	10	1.8	1	NA	8/11/10 19:29		212081
Benzene	1.0	U	1.0	0.22	1	NA	8/11/10 19:29		212081
Bromodichloromethane	1.0	U	1.0	0.20	1	NA	8/11/10 19:29		212081
Bromoform	1.0	U	1.0	0.17	1	NA	8/11/10 19:29		212081
Bromomethane	1.0	U	1.0	0.37	1	NA	8/11/10 19:29		212081
Carbon Tetrachloride	1.0	U	1.0	0.16	1	NA	8/11/10 19:29		212081
Chlorobenzene	1.0	U	1.0	0.19	1	NA	8/11/10 19:29		212081
Chloroethane	0.85	J	1.0	0.35	1	NA	8/11/10 19:29		212081
Chloroform	1.0	U	1.0	0.20	1	NA	8/11/10 19:29		212081
Chloromethane	1.0	U	1.0	0.53	1	NA	8/11/10 19:29		212081
Chlorodibromomethane	1.0	U	1.0	0.20	1	NA	8/11/10 19:29		212081
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.29	1	NA	8/11/10 19:29		212081
Methylene Chloride	1.0	U	1.0	0.22	1	NA	8/11/10 19:29		212081
Ethylbenzene	1.0	U	1.0	0.18	1	NA	8/11/10 19:29		212081
Tetrachloroethene (PCE)	1.0	U	1.0	0.25	1	NA	8/11/10 19:29		212081
Toluene	1.0	U	1.0	0.25	1	NA	8/11/10 19:29		212081
Trichloroethene (TCE)	1.0	U	1.0	0.22	1	NA	8/11/10 19:29		212081
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.87	1	NA	8/11/10 19:29		212081
Vinyl Chloride	1.0	U	1.0	0.33	1	NA	8/11/10 19:29		212081
cis-1,3-Dichloropropene	1.0	U	1.0	0.20	1	NA	8/11/10 19:29		212081
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	1	NA	8/11/10 19:29		212081
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	NA	8/11/10 19:29		212081

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

**Client:** General Electric Company  
**Project:** GE -Pittsfield NPDES  
**Sample Matrix:** Water  
**Sample Name:** 64G-3Q2M-2X-GV  
**Lab Code:** R1004313-001

**Service Request:** R1004313  
**Date Collected:** 8/ 9/10 0705  
**Date Received:** 8/11/10  
**Units:** Percent  
**Basis:** NA

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

**Analytical Method:** 624

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	95	79-123	8/11/10 19:29	
4-Bromofluorobenzene	107	79-119	8/11/10 19:29	
Toluene-d8	111	83-120	8/11/10 19:29	



COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

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

Service Request: R1004313  
Date Collected: 8/9/10  
Date Received: 8/11/10  
Date Analyzed: 8/11/10 1929

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

Sample Name: 64G-3Q2M-2X-GV  
Lab Code: R1004313-001

Units: µg/L  
Basis: NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result Q
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No Tentatively Identified Compounds Detected.

Comments: \_\_\_\_\_

## COLUMBIA ANALYTICAL SERVICES, INC.

## Analytical Report

Client: General Electric Company  
 Project: GE -Pittsfield NPDES  
 Sample Matrix: Water  
 Sample Name: 64G-3Q2M-2X-GS  
 Lab Code: R1004313-003

Service Request: R1004313  
 Date Collected: 8/ 9/10 0705  
 Date Received: 8/11/10

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
1,2,4-Trichlorobenzene	4.7	U	4.7	0.73	1	8/13/10	8/16/10 16:55	117303	212872
1,2-Diphenylhydrazine	4.7	U	4.7	0.71	1	8/13/10	8/16/10 16:55	117303	212872
2,4,6-Trichlorophenol	4.7	U	4.7	1.1	1	8/13/10	8/16/10 16:55	117303	212872
2,4-Dichlorophenol	4.7	U	4.7	0.91	1	8/13/10	8/16/10 16:55	117303	212872
2,4-Dimethylphenol	4.7	U	4.7	1.6	1	8/13/10	8/16/10 16:55	117303	212872
2,4-Dinitrophenol	47	U	47	34	1	8/13/10	8/16/10 16:55	117303	212872
2,4-Dinitrotoluene	4.7	U	4.7	1.2	1	8/13/10	8/16/10 16:55	117303	212872
2,6-Dinitrotoluene	4.7	U	4.7	1.3	1	8/13/10	8/16/10 16:55	117303	212872
2-Chloronaphthalene	4.7	U	4.7	0.97	1	8/13/10	8/16/10 16:55	117303	212872
2-Chlorophenol	4.7	U	4.7	1.3	1	8/13/10	8/16/10 16:55	117303	212872
2-Nitrophenol	4.7	U	4.7	1.2	1	8/13/10	8/16/10 16:55	117303	212872
3,3'-Dichlorobenzidine	4.7	U	4.7	1.5	1	8/13/10	8/16/10 16:55	117303	212872
4,6-Dinitro-o-cresol	47	U	47	22	1	8/13/10	8/16/10 16:55	117303	212872
4-Bromophenyl Phenyl Ether	4.7	U	4.7	0.84	1	8/13/10	8/16/10 16:55	117303	212872
4-Chloro-m-cresol	4.7	U	4.7	0.76	1	8/13/10	8/16/10 16:55	117303	212872
4-Chlorophenyl Phenyl Ether	4.7	U	4.7	0.73	1	8/13/10	8/16/10 16:55	117303	212872
4-Nitrophenol	47	U	47	9.4	1	8/13/10	8/16/10 16:55	117303	212872
Acenaphthene	4.7	U	4.7	1.2	1	8/13/10	8/16/10 16:55	117303	212872
Acenaphthylene	4.7	U	4.7	0.97	1	8/13/10	8/16/10 16:55	117303	212872
Anthracene	4.7	U	4.7	0.60	1	8/13/10	8/16/10 16:55	117303	212872
Benz(a)anthracene	4.7	U	4.7	0.73	1	8/13/10	8/16/10 16:55	117303	212872
Benzidine	94	U	94	53	1	8/13/10	8/16/10 16:55	117303	212872
Benzo(a)pyrene	4.7	U	4.7	0.50	1	8/13/10	8/16/10 16:55	117303	212872
3,4-Benzofluoranthene	4.7	U	4.7	0.75	1	8/13/10	8/16/10 16:55	117303	212872
Benzo(g,h,i)perylene	4.7	U	4.7	0.79	1	8/13/10	8/16/10 16:55	117303	212872
Benzo(k)fluoranthene	4.7	U	4.7	1.1	1	8/13/10	8/16/10 16:55	117303	212872
Bis(1-chloroisopropyl) Ether	4.7	U	4.7	1.4	1	8/13/10	8/16/10 16:55	117303	212872
Bis(2-chloroethoxy)methane	4.7	U	4.7	1.3	1	8/13/10	8/16/10 16:55	117303	212872
Bis(2-chloroethyl) Ether	4.7	U	4.7	1.0	1	8/13/10	8/16/10 16:55	117303	212872
Bis(2-ethylhexyl) Phthalate	4.7	U	4.7	1.2	1	8/13/10	8/16/10 16:55	117303	212872
Butyl Benzyl Phthalate	4.7	U	4.7	0.87	1	8/13/10	8/16/10 16:55	117303	212872
Chrysene	4.7	U	4.7	1.2	1	8/13/10	8/16/10 16:55	117303	212872
Di-n-butyl Phthalate	4.7	U	4.7	0.91	1	8/13/10	8/16/10 16:55	117303	212872
Di-n-octyl Phthalate	4.7	U	4.7	1.1	1	8/13/10	8/16/10 16:55	117303	212872
Dibenz(a,h)anthracene	4.7	U	4.7	0.82	1	8/13/10	8/16/10 16:55	117303	212872
Diethyl Phthalate	4.7	U	4.7	0.89	1	8/13/10	8/16/10 16:55	117303	212872

**COLUMBIA ANALYTICAL SERVICES, INC.**

Analytical Report

**Client:** General Electric Company  
**Project:** GE -Pittsfield NPDES  
**Sample Matrix:** Water  
**Sample Name:** 64G-3Q2M-2X-GS  
**Lab Code:** R1004313-003

**Service Request:** R1004313  
**Date Collected:** 8/ 9/10 0705  
**Date Received:** 8/11/10

**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
Dimethyl Phthalate	4.7	U	4.7	0.65	1	8/13/10	8/16/10 16:55	117303	212872
Fluoranthene	4.7	U	4.7	0.98	1	8/13/10	8/16/10 16:55	117303	212872
Fluorene	4.7	U	4.7	1.1	1	8/13/10	8/16/10 16:55	117303	212872
Hexachlorobenzene	4.7	U	4.7	1.1	1	8/13/10	8/16/10 16:55	117303	212872
Hexachlorobutadiene	4.7	U	4.7	1.3	1	8/13/10	8/16/10 16:55	117303	212872
Hexachlorocyclopentadiene	4.7	U	4.7	2.0	1	8/13/10	8/16/10 16:55	117303	212872
Hexachloroethane	4.7	U	4.7	1.3	1	8/13/10	8/16/10 16:55	117303	212872
Indeno(1,2,3-cd)pyrene	4.7	U	4.7	0.77	1	8/13/10	8/16/10 16:55	117303	212872
Isophorone	4.7	U	4.7	1.4	1	8/13/10	8/16/10 16:55	117303	212872
N-Nitrosodi-n-propylamine	4.7	U	4.7	1.6	1	8/13/10	8/16/10 16:55	117303	212872
N-Nitrosodimethylamine	4.7	U	4.7	0.88	1	8/13/10	8/16/10 16:55	117303	212872
N-Nitrosodiphenylamine	4.7	U	4.7	1.2	1	8/13/10	8/16/10 16:55	117303	212872
Naphthalene	4.7	U	4.7	1.1	1	8/13/10	8/16/10 16:55	117303	212872
Nitrobenzene	4.7	U	4.7	1.3	1	8/13/10	8/16/10 16:55	117303	212872
Pentachlorophenol (PCP)	47	U	47	23	1	8/13/10	8/16/10 16:55	117303	212872
Phenanthrene	4.7	U	4.7	0.85	1	8/13/10	8/16/10 16:55	117303	212872
Phenol	4.7	U	4.7	0.40	1	8/13/10	8/16/10 16:55	117303	212872
Pyrene	4.7	U	4.7	0.85	1	8/13/10	8/16/10 16:55	117303	212872

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	85	28-157	8/16/10 16:55	
2-Fluorobiphenyl	68	37-118	8/16/10 16:55	
2-Fluorophenol	39	12-84	8/16/10 16:55	
Nitrobenzene-d5	66	38-120	8/16/10 16:55	
Phenol-d6	26	10-74	8/16/10 16:55	
p-Terphenyl-d14	88	40-133	8/16/10 16:55	



COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

**Client:** General Electric Company  
**Project:** GE -Pittsfield NPDES  
**Sample Matrix:** Water  
**Sample Name:** TRIP BLANK  
**Lab Code:** R1004313-004

**Service Request:** R1004313  
**Date Collected:** 8/ 9/10 0730  
**Date Received:** 8/11/10  
**Units:** Percent  
**Basis:** NA

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

Analytical Method: 624

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	98	79-123	8/11/10 18:52	
4-Bromofluorobenzene	107	79-119	8/11/10 18:52	
Toluene-d8	116	83-120	8/11/10 18:52	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

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

Service Request: R1004313  
Date Collected: 8/9/10  
Date Received: 8/11/10  
Date Analyzed: 8/11/10 1852

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

Sample Name: TRIP BLANK  
Lab Code: R1004313-004

Units: µg/L  
Basis: NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q
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No Tentatively Identified Compounds Detected.

Comments: \_\_\_\_\_

## COLUMBIA ANALYTICAL SERVICES, INC.

## Analytical Report

Client: General Electric Company  
 Project: GE -Pittsfield NPDES  
 Sample Matrix: Water  
 Sample Name: Method Blank  
 Lab Code: RQ1006586-03

Service Request: R1004313  
 Date Collected: NA  
 Date Received: NA  
 Units: µg/L  
 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
1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.23	1	NA	8/11/10 12:26		212081
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.27	1	NA	8/11/10 12:26		212081
1,1,2-Trichloroethane	1.0	U	1.0	0.25	1	NA	8/11/10 12:26		212081
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.28	1	NA	8/11/10 12:26		212081
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.23	1	NA	8/11/10 12:26		212081
1,2-Dichlorobenzene	1.0	U	1.0	0.23	1	NA	8/11/10 12:26		212081
1,2-Dichloroethane	1.0	U	1.0	0.24	1	NA	8/11/10 12:26		212081
1,2-Dichloropropane	1.0	U	1.0	0.34	1	NA	8/11/10 12:26		212081
1,3-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	8/11/10 12:26		212081
1,4-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	8/11/10 12:26		212081
2-Chloroethyl Vinyl Ether	10	U	10	0.78	1	NA	8/11/10 12:26		212081
Acrolein	10	U	10	2.0	1	NA	8/11/10 12:26		212081
Acrylonitrile	10	U	10	1.8	1	NA	8/11/10 12:26		212081
Benzene	1.0	U	1.0	0.22	1	NA	8/11/10 12:26		212081
Bromodichloromethane	1.0	U	1.0	0.20	1	NA	8/11/10 12:26		212081
Bromoform	1.0	U	1.0	0.17	1	NA	8/11/10 12:26		212081
Bromomethane	1.0	U	1.0	0.37	1	NA	8/11/10 12:26		212081
Carbon Tetrachloride	1.0	U	1.0	0.16	1	NA	8/11/10 12:26		212081
Chlorobenzene	1.0	U	1.0	0.19	1	NA	8/11/10 12:26		212081
Chloroethane	1.0	U	1.0	0.35	1	NA	8/11/10 12:26		212081
Chloroform	1.0	U	1.0	0.20	1	NA	8/11/10 12:26		212081
Chloromethane	1.0	U	1.0	0.53	1	NA	8/11/10 12:26		212081
Chlorodibromomethane	1.0	U	1.0	0.20	1	NA	8/11/10 12:26		212081
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.29	1	NA	8/11/10 12:26		212081
Methylene Chloride	0.25	J	1.0	0.22	1	NA	8/11/10 12:26		212081
Ethylbenzene	1.0	U	1.0	0.18	1	NA	8/11/10 12:26		212081
Tetrachloroethene (PCE)	1.0	U	1.0	0.25	1	NA	8/11/10 12:26		212081
Toluene	1.0	U	1.0	0.25	1	NA	8/11/10 12:26		212081
Trichloroethene (TCE)	1.0	U	1.0	0.22	1	NA	8/11/10 12:26		212081
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.87	1	NA	8/11/10 12:26		212081
Vinyl Chloride	1.0	U	1.0	0.33	1	NA	8/11/10 12:26		212081
cis-1,3-Dichloropropene	1.0	U	1.0	0.20	1	NA	8/11/10 12:26		212081
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	1	NA	8/11/10 12:26		212081
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	NA	8/11/10 12:26		212081

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: General Electric Company  
Project: GE -Pittsfield NPDES  
Sample Matrix: Water  
Sample Name: Method Blank  
Lab Code: RQ1006586-03

Service Request: R1004313  
Date Collected: NA  
Date Received: NA  
Units: Percent  
Basis: NA

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

Analytical Method: 624

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	94	79-123	8/11/10 12:26	
4-Bromofluorobenzene	104	79-119	8/11/10 12:26	
Toluene-d8	112	83-120	8/11/10 12:26	



COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

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

Service Request: R1004313  
Date Collected: NA  
Date Received: NA  
Date Analyzed: 8/11/10 1226

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

Sample Name: Method Blank  
Lab Code: RQ1006586-03

Units: µg/L  
Basis: NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q
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No Tentatively Identified Compounds Detected.

Comments: \_\_\_\_\_

**COLUMBIA ANALYTICAL SERVICES, INC.**

Analytical Report

**Client:** General Electric Company  
**Project:** GE -Pittsfield NPDES  
**Sample Matrix:** Water  
**Sample Name:** Method Blank  
**Lab Code:** RQ1006681-01

**Service Request:** R1004313  
**Date Collected:** NA  
**Date Received:** NA

**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
1,2,4-Trichlorobenzene	5.0	U	5.0	0.73	1	8/13/10	8/16/10 11:28	117303	212872
1,2-Diphenylhydrazine	5.0	U	5.0	0.71	1	8/13/10	8/16/10 11:28	117303	212872
2,4,6-Trichlorophenol	5.0	U	5.0	1.1	1	8/13/10	8/16/10 11:28	117303	212872
2,4-Dichlorophenol	5.0	U	5.0	0.91	1	8/13/10	8/16/10 11:28	117303	212872
2,4-Dimethylphenol	5.0	U	5.0	1.6	1	8/13/10	8/16/10 11:28	117303	212872
2,4-Dinitrophenol	50	U	50	34	1	8/13/10	8/16/10 11:28	117303	212872
2,4-Dinitrotoluene	5.0	U	5.0	1.2	1	8/13/10	8/16/10 11:28	117303	212872
2,6-Dinitrotoluene	5.0	U	5.0	1.3	1	8/13/10	8/16/10 11:28	117303	212872
2-Chloronaphthalene	5.0	U	5.0	0.97	1	8/13/10	8/16/10 11:28	117303	212872
2-Chlorophenol	5.0	U	5.0	1.3	1	8/13/10	8/16/10 11:28	117303	212872
2-Nitrophenol	5.0	U	5.0	1.2	1	8/13/10	8/16/10 11:28	117303	212872
3,3'-Dichlorobenzidine	5.0	U	5.0	1.5	1	8/13/10	8/16/10 11:28	117303	212872
4,6-Dinitro-o-cresol	50	U	50	22	1	8/13/10	8/16/10 11:28	117303	212872
4-Bromophenyl Phenyl Ether	5.0	U	5.0	0.84	1	8/13/10	8/16/10 11:28	117303	212872
4-Chloro-m-cresol	5.0	U	5.0	0.76	1	8/13/10	8/16/10 11:28	117303	212872
4-Chlorophenyl Phenyl Ether	5.0	U	5.0	0.73	1	8/13/10	8/16/10 11:28	117303	212872
4-Nitrophenol	50	U	50	9.4	1	8/13/10	8/16/10 11:28	117303	212872
Acenaphthene	5.0	U	5.0	1.2	1	8/13/10	8/16/10 11:28	117303	212872
Acenaphthylene	5.0	U	5.0	0.97	1	8/13/10	8/16/10 11:28	117303	212872
Anthracene	5.0	U	5.0	0.60	1	8/13/10	8/16/10 11:28	117303	212872
Benz(a)anthracene	5.0	U	5.0	0.73	1	8/13/10	8/16/10 11:28	117303	212872
Benzidine	100	U	100	53	1	8/13/10	8/16/10 11:28	117303	212872
Benzo(a)pyrene	5.0	U	5.0	0.50	1	8/13/10	8/16/10 11:28	117303	212872
3,4-Benzofluoranthene	5.0	U	5.0	0.75	1	8/13/10	8/16/10 11:28	117303	212872
Benzo(g,h,i)perylene	5.0	U	5.0	0.79	1	8/13/10	8/16/10 11:28	117303	212872
Benzo(k)fluoranthene	5.0	U	5.0	1.1	1	8/13/10	8/16/10 11:28	117303	212872
Bis(1-chloroisopropyl) Ether	5.0	U	5.0	1.4	1	8/13/10	8/16/10 11:28	117303	212872
Bis(2-chloroethoxy)methane	5.0	U	5.0	1.3	1	8/13/10	8/16/10 11:28	117303	212872
Bis(2-chloroethyl) Ether	5.0	U	5.0	1.0	1	8/13/10	8/16/10 11:28	117303	212872
Bis(2-ethylhexyl) Phthalate	5.0	U	5.0	1.2	1	8/13/10	8/16/10 11:28	117303	212872
Butyl Benzyl Phthalate	5.0	U	5.0	0.87	1	8/13/10	8/16/10 11:28	117303	212872
Chrysene	5.0	U	5.0	1.2	1	8/13/10	8/16/10 11:28	117303	212872
Di-n-butyl Phthalate	5.0	U	5.0	0.91	1	8/13/10	8/16/10 11:28	117303	212872
Di-n-octyl Phthalate	5.0	U	5.0	1.1	1	8/13/10	8/16/10 11:28	117303	212872
Dibenz(a,h)anthracene	5.0	U	5.0	0.82	1	8/13/10	8/16/10 11:28	117303	212872
Diethyl Phthalate	5.0	U	5.0	0.89	1	8/13/10	8/16/10 11:28	117303	212872

**COLUMBIA ANALYTICAL SERVICES, INC.**

Analytical Report

**Client:** General Electric Company  
**Project:** GE -Pittsfield NPDES  
**Sample Matrix:** Water  
**Sample Name:** Method Blank  
**Lab Code:** RQ1006681-01

**Service Request:** R1004313  
**Date Collected:** NA  
**Date Received:** NA  
**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
Dimethyl Phthalate	5.0	U	5.0	0.65	1	8/13/10	8/16/10 11:28	117303	212872
Fluoranthene	5.0	U	5.0	0.98	1	8/13/10	8/16/10 11:28	117303	212872
Fluorene	5.0	U	5.0	1.1	1	8/13/10	8/16/10 11:28	117303	212872
Hexachlorobenzene	5.0	U	5.0	1.1	1	8/13/10	8/16/10 11:28	117303	212872
Hexachlorobutadiene	5.0	U	5.0	1.3	1	8/13/10	8/16/10 11:28	117303	212872
Hexachlorocyclopentadiene	5.0	U	5.0	2.0	1	8/13/10	8/16/10 11:28	117303	212872
Hexachloroethane	5.0	U	5.0	1.3	1	8/13/10	8/16/10 11:28	117303	212872
Indeno(1,2,3-cd)pyrene	5.0	U	5.0	0.77	1	8/13/10	8/16/10 11:28	117303	212872
Isophorone	5.0	U	5.0	1.4	1	8/13/10	8/16/10 11:28	117303	212872
N-Nitrosodi-n-propylamine	5.0	U	5.0	1.6	1	8/13/10	8/16/10 11:28	117303	212872
N-Nitrosodimethylamine	5.0	U	5.0	0.88	1	8/13/10	8/16/10 11:28	117303	212872
N-Nitrosodiphenylamine	5.0	U	5.0	1.2	1	8/13/10	8/16/10 11:28	117303	212872
Naphthalene	5.0	U	5.0	1.1	1	8/13/10	8/16/10 11:28	117303	212872
Nitrobenzene	5.0	U	5.0	1.3	1	8/13/10	8/16/10 11:28	117303	212872
Pentachlorophenol (PCP)	50	U	50	23	1	8/13/10	8/16/10 11:28	117303	212872
Phenanthrene	5.0	U	5.0	0.85	1	8/13/10	8/16/10 11:28	117303	212872
Phenol	5.0	U	5.0	0.40	1	8/13/10	8/16/10 11:28	117303	212872
Pyrene	5.0	U	5.0	0.85	1	8/13/10	8/16/10 11:28	117303	212872

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	73	28-157	8/16/10 11:28	
2-Fluorobiphenyl	64	37-118	8/16/10 11:28	
2-Fluorophenol	41	12-84	8/16/10 11:28	
Nitrobenzene-d5	67	38-120	8/16/10 11:28	
Phenol-d6	28	10-74	8/16/10 11:28	
p-Terphenyl-d14	92	40-133	8/16/10 11:28	

**COLUMBIA ANALYTICAL SERVICES, INC.**

QA/QC Report

**Client:** General Electric Company  
**Project:** GE -Pittsfield NPDES  
**Sample Matrix:** Water

**Service Request:** R1004313  
**Date Analyzed:** 8/11/10

**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:** 212081

**Lab Control Sample**

RQ1006586-04

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	19.0	20.0	95	52 - 162
1,1,2,2-Tetrachloroethane	20.4	20.0	102	46 - 157
1,1,2-Trichloroethane	20.5	20.0	103	52 - 150
1,1-Dichloroethane (1,1-DCA)	24.3	20.0	121	59 - 155
1,1-Dichloroethene (1,1-DCE)	22.1	20.0	110	0 - 234
1,2-Dichlorobenzene	17.9	20.0	90	18 - 190
1,2-Dichloroethane	18.8	20.0	94	49 - 155
1,2-Dichloropropane	23.6	20.0	118	0 - 210
1,3-Dichlorobenzene	18.8	20.0	94	59 - 156
1,4-Dichlorobenzene	19.0	20.0	95	18 - 190
2-Chloroethyl Vinyl Ether	20.4	20.0	102	0 - 305
Acrolein	81.3	100	81	10 - 174
Acrylonitrile	124	100	124	61 - 141
Benzene	21.7	20.0	108	37 - 151
Bromodichloromethane	18.4	20.0	92	35 - 155
Bromoform	15.9	20.0	79	45 - 169
Bromomethane	28.6	20.0	143	0 - 242
Carbon Tetrachloride	17.4	20.0	87	70 - 140
Chlorobenzene	19.9	20.0	100	37 - 160
Chloroethane	28.6	20.0	143	14 - 230
Chloroform	20.7	20.0	104	51 - 138
Chloromethane	31.4	20.0	157	0 - 273
Chlorodibromomethane	16.9	20.0	85	53 - 149
Dichlorodifluoromethane (CFC 12)	31.8	20.0	159 *	47 - 148
Methylene Chloride	22.3	20.0	112	0 - 221
Ethylbenzene	19.3	20.0	97	37 - 162
Tetrachloroethene (PCE)	19.2	20.0	96	64 - 148
Toluene	21.2	20.0	106	47 - 150
Trichloroethene (TCE)	20.9	20.0	105	71 - 157
Trichlorofluoromethane (CFC 11)	20.7	20.0	104	17 - 181
Vinyl Chloride	27.9	20.0	139	0 - 251
cis-1,3-Dichloropropene	19.7	20.0	98	0 - 227

Results flagged with an asterisk (\*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: R1004313  
Date Analyzed: 8/11/10

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: 212081

Lab Control Sample  
RQ1006586-04

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
trans-1,2-Dichloroethene	22.2	20.0	111	54 - 156
trans-1,3-Dichloropropene	18.2	20.0	91	17 - 183

Results flagged with an asterisk (\*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

**COLUMBIA ANALYTICAL SERVICES, INC.**

QA/QC Report

**Client:** General Electric Company  
**Project:** GE -Pittsfield NPDES  
**Sample Matrix:** Water

**Service Request:** R1004313  
**Date Analyzed:** 8/16/10

**Lab Control Sample Summary  
 Semivolatile Organic Compounds by GC/MS**

**Analytical Method:** 625  
**Prep Method:** EPA 3510C

**Units:** µg/L  
**Basis:** NA

**Extraction Lot:** 117303

Analyte Name	Lab Control Sample RQ1006681-02			Duplicate Lab Control Sample RQ1006681-03			% Rec Limits	RPD	RPD Limit
	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
1,2,4-Trichlorobenzene	44.7	100	45	42.7	100	43	29 - 85	5	30
1,2-Diphenylhydrazine	80.9	100	81	84.9	100	85	64 - 114	5	30
2,4,6-Trichlorophenol	83.8	100	84	87.4	100	87	37 - 144	4	30
2,4-Dichlorophenol	83.4	100	83	87.7	100	88	39 - 135	5	30
2,4-Dimethylphenol	53.2	100	53	58.4	100	58	32 - 119	9	30
2,4-Dinitrophenol	108	100	108	120	100	120	0 - 191	10	30
2,4-Dinitrotoluene	93.0	100	93	99.3	100	99	39 - 139	7	30
2,6-Dinitrotoluene	93.5	100	93	98.8	100	99	50 - 158	6	30
2-Chloronaphthalene	60.9	100	61	58.0	100	58 *	60 - 118	5	30
2-Chlorophenol	71.6	100	72	75.5	100	76	23 - 134	5	30
2-Nitrophenol	76.5	100	76	85.2	100	85	29 - 182	11	30
3,3'-Dichlorobenzidine	76.3	100	76	77.3	100	77	0 - 262	1	30
4,6-Dinitro-o-cresol	102	100	102	114	100	114	0 - 181	11	30
4-Bromophenyl Phenyl Ether	87.1	100	87	91.4	100	91	53 - 127	5	30
4-Chloro-m-cresol	93.1	100	93	96.4	100	96	22 - 147	3	30
4-Chlorophenyl Phenyl Ether	80.8	100	81	81.5	100	81	25 - 158	1	30
4-Nitrophenol	46.3	100	46	52.6	100	53	0 - 132	13	30
Acenaphthene	69.9	100	70	69.1	100	69	47 - 145	1	30
Acenaphthylene	73.7	100	74	73.2	100	73	33 - 145	1	30
Anthracene	82.3	100	82	86.8	100	87	27 - 133	5	30
Benz(a)anthracene	92.2	100	92	95.4	100	95	33 - 143	3	30
Benzidine	4.97	99.5	5 *	2.04	99.5	2 *	10 - 78	84 *	30
Benzo(a)pyrene	89.7	100	90	95.1	100	95	17 - 163	6	30
3,4-Benzofluoranthene	95.3	100	95	100	100	100	24 - 159	5	30
Benzo(g,h,i)perylene	95.0	100	95	98.7	100	99	0 - 219	4	30
Benzo(k)fluoranthene	94.3	100	94	96.0	100	96	11 - 162	2	30
Bis(1-chloroisopropyl) Ether	62.5	100	62	62.9	100	63	36 - 166	1	30
Bis(2-chloroethoxy)methane	97.2	100	97	101	100	101	33 - 184	4	30
Bis(2-chloroethyl) Ether	69.0	100	69	72.3	100	72	12 - 158	5	30
Bis(2-ethylhexyl) Phthalate	107	100	107	111	100	111	8 - 158	4	30
Butyl Benzyl Phthalate	96.2	100	96	99.7	100	100	0 - 152	4	30
Chrysene	90.0	100	90	93.0	100	93	17 - 168	3	30

Results flagged with an asterisk (\*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

**COLUMBIA ANALYTICAL SERVICES, INC.**

QA/QC Report

**Client:** General Electric Company  
**Project:** GE -Pittsfield NPDES  
**Sample Matrix:** Water

**Service Request:** R1004313  
**Date Analyzed:** 8/16/10

**Lab Control Sample Summary  
Semivolatile Organic Compounds by GC/MS**

**Analytical Method:** 625  
**Prep Method:** EPA 3510C

**Units:** µg/L  
**Basis:** NA

**Extraction Lot:** 117303

Analyte Name	Lab Control Sample RQ1006681-02			Duplicate Lab Control Sample RQ1006681-03			% Rec Limits	RPD	RPD Limit
	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
Di-n-butyl Phthalate	95.5	100	95	100	100	100	1 - 118	5	30
Di-n-octyl Phthalate	99.5	100	99	104	100	104	4 - 146	4	30
Dibenz(a,h)anthracene	95.4	100	95	101	100	101	0 - 227	5	30
Diethyl Phthalate	90.5	100	90	94.6	100	95	0 - 114	4	30
Dimethyl Phthalate	88.9	100	89	91.8	100	92	0 - 112	3	30
Fluoranthene	87.3	100	87	90.8	100	91	26 - 137	4	30
Fluorene	80.2	100	80	81.6	100	82	59 - 121	2	30
Hexachlorobenzene	86.8	100	87	90.3	100	90	0 - 152	4	30
Hexachlorobutadiene	40.4	100	40	38.6	100	39	24 - 116	5	30
Hexachlorocyclopentadiene	34.3	100	34	35.2	100	35	10 - 79	2	30
Hexachloroethane	38.7	100	39 *	36.6	100	37 *	40 - 113	5	30
Indeno(1,2,3-cd)pyrene	95.3	100	95	100	100	100	0 - 171	5	30
Isophorone	79.7	100	80	83.5	100	83	21 - 196	5	30
N-Nitrosodi-n-propylamine	72.1	100	72	74.7	100	75	0 - 230	4	30
N-Nitrosodimethylamine	42.3	100	42	46.3	100	46	34 - 130	9	30
N-Nitrosodiphenylamine	86.1	100	86	91.2	100	91	50 - 117	6	30
Naphthalene	52.1	100	52	50.8	100	51	21 - 133	2	30
Nitrobenzene	71.3	100	71	77.1	100	77	35 - 180	8	30
Pentachlorophenol (PCP)	98.1	100	98	110	100	110	14 - 176	11	30
Phenanthrene	83.6	100	84	87.1	100	87	54 - 120	4	30
Phenol	36.9	100	37	38.9	100	39	5 - 112	5	30
Pyrene	90.2	100	90	93.6	100	94	52 - 115	4	30

Results flagged with an asterisk (\*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

**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 *[Signature]*

Sampler's Printed Name **Dave Moro**

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

PRESERVATIVE

0 0 1

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  
PCBs  8082  608  CLP  
METALS, TOTAL (List in comments below)  
METALS, DISSOLVED (List in comments below)  
**VOC EPA 624**

**Preservative Key**  
0. NONE  
1. HCL  
2. HNO<sub>3</sub>  
3. H<sub>2</sub>SO<sub>4</sub>  
4. NaOH  
5. Zn. Acetate  
6. MeOH  
7. NaHSO<sub>4</sub>  
8. Other \_\_\_\_\_

REMARKS/  
ALTERNATE DESCRIPTION

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	TIME	MATRIX	NUMBER OF CONTAINERS	ANALYSIS REQUESTED	REMARKS/ ALTERNATE DESCRIPTION
4G-3Q2M-2X-GV	7-001	8-9-10	7:05 AM	H <sub>2</sub> O	3	X	
4G-3Q2M-2X-GV	5-002 <i>offsite</i>	8-9-10	7:05 AM	H <sub>2</sub> O	3		X
4G-3Q2M-2X-GS	-002	8-9-10	7:05 AM	H <sub>2</sub> O	1	X	
TRIP BLANK	-003	8-9-10	7:30 AM	H <sub>2</sub> O	3	X	
TRIP BLANK		8-9-10	7:30 AM	H <sub>2</sub> O	3		X

**SPECIAL INSTRUCTIONS/COMMENTS**

- EPA 624 Acrolein & Acrylonitrile (unpreserved)
- Full EPA 624 list excluding Acrolein & Acrylonitrile (preserved)
- Full EPA 625 list
  - EPA 624 & 625 list incl. with COCs
  - Samples packed in ice

QAPP

**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  
 IV. Data Validation Report with Raw Data  
 V. Specialized Forms / Custom Report  
Edata  Yes  No

**INVOICE INFORMATION**

PO# \_\_\_\_\_  
BILL TO: \_\_\_\_\_  
SERVICE REQUEST # \_\_\_\_\_

AMPLE RECEIPT: CONDITION/COOLER TEMP: 3.2°C

CUSTODY SEALS: (Y) N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY
Signature <i>[Signature]</i>	Signature <i>[Signature]</i>	Signature _____	Signature _____	Signature _____
Name <b>Dave Moro</b>	Name <b>Daniel Wac</b>	Name _____	Name _____	Name _____
Firm <b>VWNA</b>	Firm <b>8/11/10/0937</b>	Firm _____	Firm _____	Firm _____
Date/Time <b>8/9/10 2:00 PM</b>	Date/Time _____	Date/Time _____	Date/Time _____	Date/Time _____

**R1004313**

Veolia Water North America  
GE - Pittsfield NPDES





**Cooler Receipt And Preservation Check Form**

Project/Client GE Pittsfield Submission Number \_\_\_\_\_

**R1004313**

Veolia Water North America  
GE -Pittsfield NPDES



Cooler received on 8/11/10 by: DLW COURIER: CAS UPS ~~FEDEX~~ VELOCITY CL

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~~ Ice packs present? YES NO
6. Where did the bottles originate? CAS/ROC, CLIENT
7. Temperature of cooler(s) upon receipt: 32

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: 8/11/10/0945

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: KB 8/18/10

Cooler Breakdown: Date: 8/11/10 by: MWC

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: \_\_\_\_\_

#	Reagent	Lot Received		Exp	Sample ID	Vol. Added	Lot Added	Final pH
		YES	NO					
12	NaOH							
	HNO <sub>3</sub>							
	H <sub>2</sub> SO <sub>4</sub>							
sidual lorine	For TCN and Phenol			If present, contact PM to add ascorbic acid				
	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	-	-		*Not to be tested before analysis - pH tested and recorded by VOAs or GenChem on a separate worksheet			
	Zn Aceta	-	-					
	HCl	*	*	4109100				

Yes = All samples OK

No = Samples were preserved at lab as listed

PM OK to Adjust

le lot numbers: 0-172-002, 072210-12

Comments: For the first 2 locations, the label the sample ID was not legible. By process of elimination the locations were determined.

Secondary Review: KB 8/18/10

\*significant air bubbles are greater than 5-6 mm

August 10, 2010

Service Request No: R1004105

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

**Laboratory Results for: GE -Pittsfield NPDES**

Dear Mr. Coyle:


Enclosed are the results of the sample(s) submitted to our laboratory on August 3, 2010. For your reference, these analyses have been assigned our service request number **R1004105**.

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](mailto:DPatton@caslab.com).

Respectfully submitted,

**Columbia Analytical Services, Inc.**

  
Deb Patton  
Project Manager

Page 1 of 26

COLUMBIA ANALYTICAL SERVICES, INC.

Client: GE-Pittsfield  
Project: NPDES 8/2010  
Sample Matrix: Water

Service Request No.: R1004105  
Date Received: 8/3/10

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 8/3/10. 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.

The Laboratory Control Sample was outside of the control limits high for Dichlorodifluoromethane and has been flagged with a “\*”. There were no hits in the sample for this compound and no data was affected.

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

Extractable Organics

Benzidine was outside of the control limits low in the Laboratory Control Sample and Laboratory Control Sample Duplicate and the RPD was outside of the limits high. These have 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.

Approved by W. Patten Date 8/10/10

00002

## CASE NARRATIVE

This report contains analytical results for the following samples:

Service Request Number: R1004105

<u>Lab ID</u>	<u>Client ID</u>
R1004105-001	64G-3Q2M-1X-GV
R1004105-003	64G-3Q2M-1X-GS
R1004105-004	TRIP BLANK

## 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/Aroclors).
- 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 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 ( $\geq 100\%$  Difference between two GC columns).
- X See Case Narrative for discussion.



### **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.*



*Director, Division of Environmental Analysis*

*Issued:* 01 JUL 2010

*Expires:* 30 JUN 2011

COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 01 JUL 2010

M-NY032 COLUMBIA ANALYTICAL SERVICES  
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY)	Effective Date	01 JUL 2010	Expiration Date	30 JUN 2011
<u>Analytes</u>			<u>Methods</u>	
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	

June 29, 2010

\*= Provisional Certification

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COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 01 JUL 2010

M-NY032 COLUMBIA ANALYTICAL SERVICES  
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY)      Effective Date      01 JUL 2010      Expiration Date      30 JUN 2011

Analytes

ALKALINITY, TOTAL  
CHLORIDE  
CHLORIDE  
FLUORIDE  
SULFATE  
AMMONIA-N  
NITRATE-N  
NITRATE-N  
KJELDAHL-N  
ORTHOPHOSPHATE  
PHOSPHORUS, TOTAL  
CHEMICAL OXYGEN DEMAND  
BIOCHEMICAL OXYGEN DEMAND  
TOTAL ORGANIC CARBON  
CYANIDE, TOTAL  
NON-FILTERABLE RESIDUE  
OIL AND GREASE  
PHENOLICS, TOTAL  
VOLATILE HALOCARBONS  
VOLATILE HALOCARBONS  
VOLATILE AROMATICS  
VOLATILE AROMATICS  
SVOC-ACID EXTRACTABLES  
SVOC-BASE/NEUTRAL EXTRACTABLES

Methods

SM 2320B  
SM 4500-CL-E  
EPA 300.0  
EPA 300.0  
EPA 300.0  
EPA 350.1  
EPA 300.0  
EPA 353.2  
EPA 351.2  
EPA 365.1  
EPA 365.1  
EPA 410.4  
SM 5210B  
SM 5310C  
EPA 335.4  
SM 2540D  
EPA 1664  
EPA 420.4  
EPA 601  
EPA 624  
EPA 802  
EPA 624  
EPA 625  
EPA 625



## Analytical Report

Client: General Electric Company  
 Project: GE -Pittsfield NPDES  
 Sample Matrix: Water  
 Sample Name: 64G-3Q2M-1X-GV  
 Lab Code: R1004105-001

Service Request: R1004105  
 Date Collected: 8/ 2/10 0705  
 Date Received: 8/ 3/10  
 Units: µg/L  
 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
1,1,1-Trichloroethane (TCA)	0.32	J	1.0	0.23	1	NA	8/3/10 14:44		211053
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.27	1	NA	8/3/10 14:44		211053
1,1,2-Trichloroethane	1.0	U	1.0	0.25	1	NA	8/3/10 14:44		211053
1,1-Dichloroethane (1,1-DCA)	0.85	J	1.0	0.28	1	NA	8/3/10 14:44		211053
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.23	1	NA	8/3/10 14:44		211053
1,2-Dichlorobenzene	1.0	U	1.0	0.23	1	NA	8/3/10 14:44		211053
1,2-Dichloroethane	1.0	U	1.0	0.24	1	NA	8/3/10 14:44		211053
1,2-Dichloropropane	1.0	U	1.0	0.34	1	NA	8/3/10 14:44		211053
1,3-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	8/3/10 14:44		211053
1,4-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	8/3/10 14:44		211053
2-Chloroethyl Vinyl Ether	10	U	10	0.78	1	NA	8/3/10 14:44		211053
Acrolein	10	U	10	2.0	1	NA	8/3/10 14:44		211053
Acrylonitrile	10	U	10	1.8	1	NA	8/3/10 14:44		211053
Benzene	1.0	U	1.0	0.22	1	NA	8/3/10 14:44		211053
Bromodichloromethane	1.0	U	1.0	0.20	1	NA	8/3/10 14:44		211053
Bromoform	1.0	U	1.0	0.17	1	NA	8/3/10 14:44		211053
Bromomethane	1.0	U	1.0	0.37	1	NA	8/3/10 14:44		211053
Carbon Tetrachloride	1.0	U	1.0	0.16	1	NA	8/3/10 14:44		211053
Chlorobenzene	1.0	U	1.0	0.19	1	NA	8/3/10 14:44		211053
Chloroethane	0.83	J	1.0	0.35	1	NA	8/3/10 14:44		211053
Chloroform	1.0	U	1.0	0.20	1	NA	8/3/10 14:44		211053
Chloromethane	1.0	U	1.0	0.53	1	NA	8/3/10 14:44		211053
Chlorodibromomethane	1.0	U	1.0	0.20	1	NA	8/3/10 14:44		211053
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.29	1	NA	8/3/10 14:44		211053
Methylene Chloride	1.0	U	1.0	0.22	1	NA	8/3/10 14:44		211053
Ethylbenzene	1.0	U	1.0	0.18	1	NA	8/3/10 14:44		211053
Tetrachloroethene (PCE)	1.0	U	1.0	0.25	1	NA	8/3/10 14:44		211053
Toluene	1.0	U	1.0	0.25	1	NA	8/3/10 14:44		211053
Trichloroethene (TCE)	1.0	U	1.0	0.22	1	NA	8/3/10 14:44		211053
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.87	1	NA	8/3/10 14:44		211053
Vinyl Chloride	1.0	U	1.0	0.33	1	NA	8/3/10 14:44		211053
cis-1,3-Dichloropropene	1.0	U	1.0	0.20	1	NA	8/3/10 14:44		211053
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	1	NA	8/3/10 14:44		211053
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	NA	8/3/10 14:44		211053

## Analytical Report

**Client:** General Electric Company  
**Project:** GE -Pittsfield NPDES  
**Sample Matrix:** Water  
**Sample Name:** 64G-3Q2M-1X-GV  
**Lab Code:** R1004105-001

**Service Request:** R1004105  
**Date Collected:** 8/ 2/10 0705  
**Date Received:** 8/ 3/10  
**Units:** Percent  
**Basis:** NA

**Volatile Organic Compounds by GC/MS with 3 Day Holding Time for Acrolein, Unpreserved****Analytical Method:** 624

<b>Surrogate Name</b>	<b>%Rec</b>	<b>Control Limits</b>	<b>Date Analyzed</b>	<b>Q</b>
1,2-Dichloroethane-d4	94	79-123	8/3/10 14:44	
4-Bromofluorobenzene	101	79-119	8/3/10 14:44	
Toluene-d8	108	83-120	8/3/10 14:44	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

**Client:** General Electric Company  
**Project:** GE -Pittsfield NPDES  
**Sample Matrix:** Water

**Service Request:** R1004105  
**Date Collected:** 8/2/10  
**Date Received:** 8/3/10  
**Date Analyzed:** 8/3/10 1444

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

**Sample Name:** 64G-3Q2M-1X-GV  
**Lab Code:** R1004105-001

**Units:** µg/L  
**Basis:** NA

**Analytical Method:** 624

CAS #	Analyte Name	RT	Result	Q
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No Tentatively Identified Compounds Detected.

**Comments:** \_\_\_\_\_

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## Analytical Report

Client: General Electric Company  
 Project: GE -Pittsfield NPDES  
 Sample Matrix: Water  
 Sample Name: 64G-3Q2M-1X-GS  
 Lab Code: R1004105-003

Service Request: R1004105  
 Date Collected: 8/ 2/10 0705  
 Date Received: 8/ 3/10

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
1,2,4-Trichlorobenzene	4.7	U	4.7	0.73	1	8/ 4/10	8/6/10 22:07	116745	211637
1,2-Diphenylhydrazine	4.7	U	4.7	0.71	1	8/ 4/10	8/6/10 22:07	116745	211637
2,4,6-Trichlorophenol	4.7	U	4.7	1.1	1	8/ 4/10	8/6/10 22:07	116745	211637
2,4-Dichlorophenol	4.7	U	4.7	0.91	1	8/ 4/10	8/6/10 22:07	116745	211637
2,4-Dimethylphenol	4.7	U	4.7	1.6	1	8/ 4/10	8/6/10 22:07	116745	211637
2,4-Dinitrophenol	47	U	47	34	1	8/ 4/10	8/6/10 22:07	116745	211637
2,4-Dinitrotoluene	4.7	U	4.7	1.2	1	8/ 4/10	8/6/10 22:07	116745	211637
2,6-Dinitrotoluene	4.7	U	4.7	1.3	1	8/ 4/10	8/6/10 22:07	116745	211637
2-Chloronaphthalene	4.7	U	4.7	0.97	1	8/ 4/10	8/6/10 22:07	116745	211637
2-Chlorophenol	4.7	U	4.7	1.3	1	8/ 4/10	8/6/10 22:07	116745	211637
2-Nitrophenol	4.7	U	4.7	1.2	1	8/ 4/10	8/6/10 22:07	116745	211637
3,3'-Dichlorobenzidine	4.7	U	4.7	1.5	1	8/ 4/10	8/6/10 22:07	116745	211637
4,6-Dinitro-2-methylphenol	47	U	47	22	1	8/ 4/10	8/6/10 22:07	116745	211637
4-Bromophenyl Phenyl Ether	4.7	U	4.7	0.84	1	8/ 4/10	8/6/10 22:07	116745	211637
4-Chloro-3-methylphenol	4.7	U	4.7	0.76	1	8/ 4/10	8/6/10 22:07	116745	211637
4-Chlorophenyl Phenyl Ether	4.7	U	4.7	0.73	1	8/ 4/10	8/6/10 22:07	116745	211637
4-Nitrophenol	47	U	47	9.4	1	8/ 4/10	8/6/10 22:07	116745	211637
Acenaphthene	4.7	U	4.7	1.2	1	8/ 4/10	8/6/10 22:07	116745	211637
Acenaphthylene	4.7	U	4.7	0.97	1	8/ 4/10	8/6/10 22:07	116745	211637
Anthracene	4.7	U	4.7	0.60	1	8/ 4/10	8/6/10 22:07	116745	211637
Benz(a)anthracene	4.7	U	4.7	0.73	1	8/ 4/10	8/6/10 22:07	116745	211637
Benzidine	94	U	94	53	1	8/ 4/10	8/6/10 22:07	116745	211637
Benzo(a)pyrene	4.7	U	4.7	0.50	1	8/ 4/10	8/6/10 22:07	116745	211637
Benzo(b)fluoranthene	4.7	U	4.7	0.75	1	8/ 4/10	8/6/10 22:07	116745	211637
Benzo(g,h,i)perylene	4.7	U	4.7	0.79	1	8/ 4/10	8/6/10 22:07	116745	211637
Benzo(k)fluoranthene	4.7	U	4.7	1.1	1	8/ 4/10	8/6/10 22:07	116745	211637
2,2'-Oxybis(1-chloropropane)	4.7	U	4.7	1.4	1	8/ 4/10	8/6/10 22:07	116745	211637
Bis(2-chloroethoxy)methane	4.7	U	4.7	1.3	1	8/ 4/10	8/6/10 22:07	116745	211637
Bis(2-chloroethyl) Ether	4.7	U	4.7	1.0	1	8/ 4/10	8/6/10 22:07	116745	211637
Bis(2-ethylhexyl) Phthalate	4.7	U	4.7	1.2	1	8/ 4/10	8/6/10 22:07	116745	211637
Butyl Benzyl Phthalate	4.7	U	4.7	0.87	1	8/ 4/10	8/6/10 22:07	116745	211637
Chrysene	4.7	U	4.7	1.2	1	8/ 4/10	8/6/10 22:07	116745	211637
Di-n-butyl Phthalate	4.7	U	4.7	0.91	1	8/ 4/10	8/6/10 22:07	116745	211637
Di-n-octyl Phthalate	4.7	U	4.7	1.1	1	8/ 4/10	8/6/10 22:07	116745	211637
Dibenz(a,h)anthracene	4.7	U	4.7	0.82	1	8/ 4/10	8/6/10 22:07	116745	211637

## Analytical Report

Client: General Electric Company  
 Project: GE -Pittsfield NPDES  
 Sample Matrix: Water  
 Sample Name: 64G-3Q2M-1X-GS  
 Lab Code: R1004105-003

Service Request: R1004105  
 Date Collected: 8/ 2/10 0705  
 Date Received: 8/ 3/10

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
Diethyl Phthalate	4.7	U	4.7	0.89	1	8/ 4/10	8/6/10 22:07	116745	211637
Dimethyl Phthalate	4.7	U	4.7	0.65	1	8/ 4/10	8/6/10 22:07	116745	211637
Fluoranthene	4.7	U	4.7	0.98	1	8/ 4/10	8/6/10 22:07	116745	211637
Fluorene	4.7	U	4.7	1.1	1	8/ 4/10	8/6/10 22:07	116745	211637
Hexachlorobenzene	4.7	U	4.7	1.1	1	8/ 4/10	8/6/10 22:07	116745	211637
Hexachlorobutadiene	4.7	U	4.7	1.3	1	8/ 4/10	8/6/10 22:07	116745	211637
Hexachlorocyclopentadiene	4.7	U	4.7	2.0	1	8/ 4/10	8/6/10 22:07	116745	211637
Hexachloroethane	4.7	U	4.7	1.3	1	8/ 4/10	8/6/10 22:07	116745	211637
Indeno(1,2,3-cd)pyrene	4.7	U	4.7	0.77	1	8/ 4/10	8/6/10 22:07	116745	211637
Isophorone	4.7	U	4.7	1.4	1	8/ 4/10	8/6/10 22:07	116745	211637
N-Nitrosodi-n-propylamine	4.7	U	4.7	1.6	1	8/ 4/10	8/6/10 22:07	116745	211637
N-Nitrosodimethylamine	4.7	U	4.7	0.88	1	8/ 4/10	8/6/10 22:07	116745	211637
N-Nitrosodiphenylamine	4.7	U	4.7	1.2	1	8/ 4/10	8/6/10 22:07	116745	211637
Naphthalene	4.7	U	4.7	1.1	1	8/ 4/10	8/6/10 22:07	116745	211637
Nitrobenzene	4.7	U	4.7	1.3	1	8/ 4/10	8/6/10 22:07	116745	211637
Pentachlorophenol (PCP)	47	U	47	23	1	8/ 4/10	8/6/10 22:07	116745	211637
Phenanthrene	4.7	U	4.7	0.85	1	8/ 4/10	8/6/10 22:07	116745	211637
Phenol	4.7	U	4.7	0.40	1	8/ 4/10	8/6/10 22:07	116745	211637
Pyrene	4.7	U	4.7	0.85	1	8/ 4/10	8/6/10 22:07	116745	211637

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	97	28-157	8/6/10 22:07	
2-Fluorobiphenyl	79	37-118	8/6/10 22:07	
2-Fluorophenol	41	12-84	8/6/10 22:07	
Nitrobenzene-d5	74	38-120	8/6/10 22:07	
Phenol-d6	26	10-74	8/6/10 22:07	
p-Terphenyl-d14	95	40-133	8/6/10 22:07	

## COLUMBIA ANALYTICAL SERVICES, INC.

## Analytical Report

Client: General Electric Company  
 Project: GE -Pittsfield NPDES  
 Sample Matrix: Water  
 Sample Name: TRIP BLANK  
 Lab Code: R1004105-004

Service Request: R1004105  
 Date Collected: 8/ 2/10 0730  
 Date Received: 8/ 3/10  
 Units: µg/L  
 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
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.23	1	NA	8/3/10 14:07		211053
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.27	1	NA	8/3/10 14:07		211053
1,1,2-Trichloroethane	1.0 U	1.0	0.25	1	NA	8/3/10 14:07		211053
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.28	1	NA	8/3/10 14:07		211053
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.23	1	NA	8/3/10 14:07		211053
1,2-Dichlorobenzene	1.0 U	1.0	0.23	1	NA	8/3/10 14:07		211053
1,2-Dichloroethane	1.0 U	1.0	0.24	1	NA	8/3/10 14:07		211053
1,2-Dichloropropane	1.0 U	1.0	0.34	1	NA	8/3/10 14:07		211053
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	NA	8/3/10 14:07		211053
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	NA	8/3/10 14:07		211053
2-Chloroethyl Vinyl Ether	10 U	10	0.78	1	NA	8/3/10 14:07		211053
Acrolein	10 U	10	2.0	1	NA	8/3/10 14:07		211053
Acrylonitrile	10 U	10	1.8	1	NA	8/3/10 14:07		211053
Benzene	1.0 U	1.0	0.22	1	NA	8/3/10 14:07		211053
Bromodichloromethane	1.0 U	1.0	0.20	1	NA	8/3/10 14:07		211053
Bromoform	1.0 U	1.0	0.17	1	NA	8/3/10 14:07		211053
Bromomethane	1.0 U	1.0	0.37	1	NA	8/3/10 14:07		211053
Carbon Tetrachloride	1.0 U	1.0	0.16	1	NA	8/3/10 14:07		211053
Chlorobenzene	1.0 U	1.0	0.19	1	NA	8/3/10 14:07		211053
Chloroethane	1.0 U	1.0	0.35	1	NA	8/3/10 14:07		211053
Chloroform	1.0 U	1.0	0.20	1	NA	8/3/10 14:07		211053
Chloromethane	1.0 U	1.0	0.53	1	NA	8/3/10 14:07		211053
Chlorodibromomethane	1.0 U	1.0	0.20	1	NA	8/3/10 14:07		211053
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.29	1	NA	8/3/10 14:07		211053
Methylene Chloride	0.51 J	1.0	0.22	1	NA	8/3/10 14:07		211053
Ethylbenzene	1.0 U	1.0	0.18	1	NA	8/3/10 14:07		211053
Tetrachloroethene (PCE)	1.0 U	1.0	0.25	1	NA	8/3/10 14:07		211053
Toluene	1.0 U	1.0	0.25	1	NA	8/3/10 14:07		211053
Trichloroethene (TCE)	1.0 U	1.0	0.22	1	NA	8/3/10 14:07		211053
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.87	1	NA	8/3/10 14:07		211053
Vinyl Chloride	1.0 U	1.0	0.33	1	NA	8/3/10 14:07		211053
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	NA	8/3/10 14:07		211053
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	NA	8/3/10 14:07		211053
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	NA	8/3/10 14:07		211053

## Analytical Report

**Client:** General Electric Company  
**Project:** GE -Pittsfield NPDES  
**Sample Matrix:** Water  
**Sample Name:** TRIP BLANK  
**Lab Code:** R1004105-004

**Service Request:** R1004105  
**Date Collected:** 8/ 2/10 0730  
**Date Received:** 8/ 3/10  
**Units:** Percent  
**Basis:** NA

**Volatile Organic Compounds by GC/MS with 3 Day Holding Time for Acrolein, Unpreserved****Analytical Method:** 624

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	98	79-123	8/3/10 14:07	
4-Bromofluorobenzene	102	79-119	8/3/10 14:07	
Toluene-d8	111	83-120	8/3/10 14:07	

Analytical Report

**Client:** General Electric Company  
**Project:** GE -Pittsfield NPDES  
**Sample Matrix:** Water

**Service Request:** R1004105  
**Date Collected:** 8/2/10  
**Date Received:** 8/3/10  
**Date Analyzed:** 8/3/10 1407

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

**Sample Name:** TRIP BLANK  
**Lab Code:** R1004105-004

**Units:** µg/L  
**Basis:** NA

**Analytical Method:** 624

CAS #	Analyte Name	RT	Result	Q
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No Tentatively Identified Compounds Detected.

**Comments:** \_\_\_\_\_



## Analytical Report

Client: General Electric Company  
 Project: GE -Pittsfield NPDES  
 Sample Matrix: Water  
 Sample Name: Method Blank  
 Lab Code: RQ1006358-01

Service Request: R1004105  
 Date Collected: NA  
 Date Received: NA  
 Units: µg/L  
 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
1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.23	1	NA	8/3/10 13:12		211053
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.27	1	NA	8/3/10 13:12		211053
1,1,2-Trichloroethane	1.0	U	1.0	0.25	1	NA	8/3/10 13:12		211053
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.28	1	NA	8/3/10 13:12		211053
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.23	1	NA	8/3/10 13:12		211053
1,2-Dichlorobenzene	1.0	U	1.0	0.23	1	NA	8/3/10 13:12		211053
1,2-Dichloroethane	1.0	U	1.0	0.24	1	NA	8/3/10 13:12		211053
1,2-Dichloropropane	1.0	U	1.0	0.34	1	NA	8/3/10 13:12		211053
1,3-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	8/3/10 13:12		211053
1,4-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	8/3/10 13:12		211053
2-Chloroethyl Vinyl Ether	10	U	10	0.78	1	NA	8/3/10 13:12		211053
Acrolein	10	U	10	2.0	1	NA	8/3/10 13:12		211053
Acrylonitrile	10	U	10	1.8	1	NA	8/3/10 13:12		211053
Benzene	1.0	U	1.0	0.22	1	NA	8/3/10 13:12		211053
Bromodichloromethane	1.0	U	1.0	0.20	1	NA	8/3/10 13:12		211053
Bromoform	1.0	U	1.0	0.17	1	NA	8/3/10 13:12		211053
Bromomethane	1.0	U	1.0	0.37	1	NA	8/3/10 13:12		211053
Carbon Tetrachloride	1.0	U	1.0	0.16	1	NA	8/3/10 13:12		211053
Chlorobenzene	1.0	U	1.0	0.19	1	NA	8/3/10 13:12		211053
Chloroethane	1.0	U	1.0	0.35	1	NA	8/3/10 13:12		211053
Chloroform	1.0	U	1.0	0.20	1	NA	8/3/10 13:12		211053
Chloromethane	1.0	U	1.0	0.53	1	NA	8/3/10 13:12		211053
Chlorodibromomethane	1.0	U	1.0	0.20	1	NA	8/3/10 13:12		211053
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.29	1	NA	8/3/10 13:12		211053
Methylene Chloride	1.0	U	1.0	0.22	1	NA	8/3/10 13:12		211053
Ethylbenzene	1.0	U	1.0	0.18	1	NA	8/3/10 13:12		211053
Tetrachloroethene (PCE)	1.0	U	1.0	0.25	1	NA	8/3/10 13:12		211053
Toluene	1.0	U	1.0	0.25	1	NA	8/3/10 13:12		211053
Trichloroethene (TCE)	1.0	U	1.0	0.22	1	NA	8/3/10 13:12		211053
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.87	1	NA	8/3/10 13:12		211053
Vinyl Chloride	1.0	U	1.0	0.33	1	NA	8/3/10 13:12		211053
cis-1,3-Dichloropropene	1.0	U	1.0	0.20	1	NA	8/3/10 13:12		211053
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	1	NA	8/3/10 13:12		211053
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	NA	8/3/10 13:12		211053

## Analytical Report

**Client:** General Electric Company  
**Project:** GE -Pittsfield NPDES  
**Sample Matrix:** Water  
**Sample Name:** Method Blank  
**Lab Code:** RQ1006358-01

**Service Request:** R1004105  
**Date Collected:** NA  
**Date Received:** NA  
**Units:** Percent  
**Basis:** NA

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

**Analytical Method:** 624

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	97	79-123	8/3/10 13:12	
4-Bromofluorobenzene	103	79-119	8/3/10 13:12	
Toluene-d8	110	83-120	8/3/10 13:12	

## Analytical Report

**Client:** General Electric Company  
**Project:** GE -Pittsfield NPDES  
**Sample Matrix:** Water

**Service Request:** R1004105  
**Date Collected:** NA  
**Date Received:** NA  
**Date Analyzed:** 8/3/10 1312

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

**Sample Name:** Method Blank  
**Lab Code:** RQ1006358-01

**Units:** µg/L  
**Basis:** NA

**Analytical Method:** 624

CAS #	Analyte Name	RT	Result Q
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No Tentatively Identified Compounds Detected.

**Comments:** \_\_\_\_\_

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## Analytical Report

Client: General Electric Company  
 Project: GE -Pittsfield NPDES  
 Sample Matrix: Water  
 Sample Name: Method Blank  
 Lab Code: RQ1006367-01

Service Request: R1004105  
 Date Collected: NA  
 Date Received: NA  
 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
1,2,4-Trichlorobenzene	5.0	U	5.0	0.73	1	8/ 4/10	8/6/10 20:03	116745	211637
1,2-Diphenylhydrazine	5.0	U	5.0	0.71	1	8/ 4/10	8/6/10 20:03	116745	211637
2,4,6-Trichlorophenol	5.0	U	5.0	1.1	1	8/ 4/10	8/6/10 20:03	116745	211637
2,4-Dichlorophenol	5.0	U	5.0	0.91	1	8/ 4/10	8/6/10 20:03	116745	211637
2,4-Dimethylphenol	5.0	U	5.0	1.6	1	8/ 4/10	8/6/10 20:03	116745	211637
2,4-Dinitrophenol	50	U	50	34	1	8/ 4/10	8/6/10 20:03	116745	211637
2,4-Dinitrotoluene	5.0	U	5.0	1.2	1	8/ 4/10	8/6/10 20:03	116745	211637
2,6-Dinitrotoluene	5.0	U	5.0	1.3	1	8/ 4/10	8/6/10 20:03	116745	211637
2-Chloronaphthalene	5.0	U	5.0	0.97	1	8/ 4/10	8/6/10 20:03	116745	211637
2-Chlorophenol	5.0	U	5.0	1.3	1	8/ 4/10	8/6/10 20:03	116745	211637
2-Nitrophenol	5.0	U	5.0	1.2	1	8/ 4/10	8/6/10 20:03	116745	211637
3,3'-Dichlorobenzidine	5.0	U	5.0	1.5	1	8/ 4/10	8/6/10 20:03	116745	211637
4,6-Dinitro-2-methylphenol	50	U	50	22	1	8/ 4/10	8/6/10 20:03	116745	211637
4-Bromophenyl Phenyl Ether	5.0	U	5.0	0.84	1	8/ 4/10	8/6/10 20:03	116745	211637
4-Chloro-3-methylphenol	5.0	U	5.0	0.76	1	8/ 4/10	8/6/10 20:03	116745	211637
4-Chlorophenyl Phenyl Ether	5.0	U	5.0	0.73	1	8/ 4/10	8/6/10 20:03	116745	211637
4-Nitrophenol	50	U	50	9.4	1	8/ 4/10	8/6/10 20:03	116745	211637
Acenaphthene	5.0	U	5.0	1.2	1	8/ 4/10	8/6/10 20:03	116745	211637
Acenaphthylene	5.0	U	5.0	0.97	1	8/ 4/10	8/6/10 20:03	116745	211637
Anthracene	5.0	U	5.0	0.60	1	8/ 4/10	8/6/10 20:03	116745	211637
Benz(a)anthracene	5.0	U	5.0	0.73	1	8/ 4/10	8/6/10 20:03	116745	211637
Benzidine	100	U	100	53	1	8/ 4/10	8/6/10 20:03	116745	211637
Benzo(a)pyrene	5.0	U	5.0	0.50	1	8/ 4/10	8/6/10 20:03	116745	211637
Benzo(b)fluoranthene	5.0	U	5.0	0.75	1	8/ 4/10	8/6/10 20:03	116745	211637
Benzo(g,h,i)perylene	5.0	U	5.0	0.79	1	8/ 4/10	8/6/10 20:03	116745	211637
Benzo(k)fluoranthene	5.0	U	5.0	1.1	1	8/ 4/10	8/6/10 20:03	116745	211637
2,2'-Oxybis(1-chloropropane)	5.0	U	5.0	1.4	1	8/ 4/10	8/6/10 20:03	116745	211637
Bis(2-chloroethoxy)methane	5.0	U	5.0	1.3	1	8/ 4/10	8/6/10 20:03	116745	211637
Bis(2-chloroethyl) Ether	5.0	U	5.0	1.0	1	8/ 4/10	8/6/10 20:03	116745	211637
Bis(2-ethylhexyl) Phthalate	5.0	U	5.0	1.2	1	8/ 4/10	8/6/10 20:03	116745	211637
Butyl Benzyl Phthalate	5.0	U	5.0	0.87	1	8/ 4/10	8/6/10 20:03	116745	211637
Chrysene	5.0	U	5.0	1.2	1	8/ 4/10	8/6/10 20:03	116745	211637
Di-n-butyl Phthalate	5.0	U	5.0	0.91	1	8/ 4/10	8/6/10 20:03	116745	211637
Di-n-octyl Phthalate	5.0	U	5.0	1.1	1	8/ 4/10	8/6/10 20:03	116745	211637
Dibenz(a,h)anthracene	5.0	U	5.0	0.82	1	8/ 4/10	8/6/10 20:03	116745	211637

## Analytical Report

Client: General Electric Company  
 Project: GE -Pittsfield NPDES  
 Sample Matrix: Water  
 Sample Name: Method Blank  
 Lab Code: RQ1006367-01

Service Request: R1004105  
 Date Collected: NA  
 Date Received: NA  
 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
Diethyl Phthalate	5.0	U	5.0	0.89	1	8/ 4/10	8/6/10 20:03	116745	211637
Dimethyl Phthalate	5.0	U	5.0	0.65	1	8/ 4/10	8/6/10 20:03	116745	211637
Fluoranthene	5.0	U	5.0	0.98	1	8/ 4/10	8/6/10 20:03	116745	211637
Fluorene	5.0	U	5.0	1.1	1	8/ 4/10	8/6/10 20:03	116745	211637
Hexachlorobenzene	5.0	U	5.0	1.1	1	8/ 4/10	8/6/10 20:03	116745	211637
Hexachlorobutadiene	5.0	U	5.0	1.3	1	8/ 4/10	8/6/10 20:03	116745	211637
Hexachlorocyclopentadiene	5.0	U	5.0	2.0	1	8/ 4/10	8/6/10 20:03	116745	211637
Hexachloroethane	5.0	U	5.0	1.3	1	8/ 4/10	8/6/10 20:03	116745	211637
Indeno(1,2,3-cd)pyrene	5.0	U	5.0	0.77	1	8/ 4/10	8/6/10 20:03	116745	211637
Isophorone	5.0	U	5.0	1.4	1	8/ 4/10	8/6/10 20:03	116745	211637
N-Nitrosodi-n-propylamine	5.0	U	5.0	1.6	1	8/ 4/10	8/6/10 20:03	116745	211637
N-Nitrosodimethylamine	5.0	U	5.0	0.88	1	8/ 4/10	8/6/10 20:03	116745	211637
N-Nitrosodiphenylamine	5.0	U	5.0	1.2	1	8/ 4/10	8/6/10 20:03	116745	211637
Naphthalene	5.0	U	5.0	1.1	1	8/ 4/10	8/6/10 20:03	116745	211637
Nitrobenzene	5.0	U	5.0	1.3	1	8/ 4/10	8/6/10 20:03	116745	211637
Pentachlorophenol (PCP)	50	U	50	23	1	8/ 4/10	8/6/10 20:03	116745	211637
Phenanthrene	5.0	U	5.0	0.85	1	8/ 4/10	8/6/10 20:03	116745	211637
Phenol	5.0	U	5.0	0.40	1	8/ 4/10	8/6/10 20:03	116745	211637
Pyrene	5.0	U	5.0	0.85	1	8/ 4/10	8/6/10 20:03	116745	211637

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	89	28-157	8/6/10 20:03	
2-Fluorobiphenyl	72	37-118	8/6/10 20:03	
2-Fluorophenol	46	12-84	8/6/10 20:03	
Nitrobenzene-d5	75	38-120	8/6/10 20:03	
Phenol-d6	30	10-74	8/6/10 20:03	
p-Terphenyl-d14	103	40-133	8/6/10 20:03	

**COLUMBIA ANALYTICAL SERVICES, INC.**

QA/QC Report

**Client:** General Electric Company  
**Project:** GE -Pittsfield NPDES  
**Sample Matrix:** Water

**Service Request:** R1004105  
**Date Analyzed:** 8/ 3/10

**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:** 211053

**Lab Control Sample**  
**RQ1006358-02**

<b>Analyte Name</b>	<b>Result</b>	<b>Spike Amount</b>	<b>% Rec</b>	<b>% Rec Limits</b>
1,1,1-Trichloroethane (TCA)	19.8	20.0	99	52 - 162
1,1,2,2-Tetrachloroethane	21.3	20.0	106	46 - 157
1,1,2-Trichloroethane	21.3	20.0	106	52 - 150
1,1-Dichloroethane (1,1-DCA)	24.6	20.0	123	59 - 155
1,1-Dichloroethene (1,1-DCE)	23.2	20.0	116	0 - 234
1,2-Dichlorobenzene	19.5	20.0	98	18 - 190
1,2-Dichloroethane	19.7	20.0	99	49 - 155
1,2-Dichloropropane	24.9	20.0	124	0 - 210
1,3-Dichlorobenzene	19.8	20.0	99	59 - 156
1,4-Dichlorobenzene	20.0	20.0	100	18 - 190
2-Chloroethyl Vinyl Ether	21.7	20.0	109	0 - 305
Acrolein	82.3	100	82	10 - 174
Acrylonitrile	129	100	129	61 - 141
Benzene	22.4	20.0	112	37 - 151
Bromodichloromethane	19.4	20.0	97	35 - 155
Bromoform	16.4	20.0	82	45 - 169
Bromomethane	28.6	20.0	143	0 - 242
Carbon Tetrachloride	19.2	20.0	96	70 - 140
Chlorobenzene	21.1	20.0	105	37 - 160
Chloroethane	31.1	20.0	155	14 - 230
Chloroform	21.6	20.0	108	51 - 138
Chloromethane	32.4	20.0	162	0 - 273
Chlorodibromomethane	18.2	20.0	91	53 - 149
Dichlorodifluoromethane (CFC 12)	33.0	20.0	165 *	47 - 148
Methylene Chloride	22.0	20.0	110	0 - 221
Ethylbenzene	20.9	20.0	104	37 - 162
Tetrachloroethene (PCE)	20.3	20.0	102	64 - 148
Toluene	22.3	20.0	111	47 - 150
Trichloroethene (TCE)	21.6	20.0	108	71 - 157
Trichlorofluoromethane (CFC 11)	21.8	20.0	109	17 - 181
Vinyl Chloride	30.0	20.0	150	0 - 251
cis-1,3-Dichloropropene	20.6	20.0	103	0 - 227

Results flagged with an asterisk (\*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

**Client:** General Electric Company  
**Project:** GE -Pittsfield NPDES  
**Sample Matrix:** Water

**Service Request:** R1004105  
**Date Analyzed:** 8/ 3/10

**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:** 211053

**Lab Control Sample**  
RQ1006358-02

<b>Analyte Name</b>	<b>Result</b>	<b>Spike Amount</b>	<b>% Rec</b>	<b>% Rec Limits</b>
trans-1,2-Dichloroethene	23.1	20.0	115	54 - 156
trans-1,3-Dichloropropene	18.8	20.0	94	17 - 183

Results flagged with an asterisk (\*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: R1004105  
 Date Analyzed: 8/6/10

Lab Control Sample Summary  
 Semivolatile Organic Compounds by GC/MS

Analytical Method: 625  
 Prep Method: EPA 3510C

Units: µg/L  
 Basis: NA

Extraction Lot: 116745

Analyte Name	Lab Control Sample RQ1006367-02			Duplicate Lab Control Sample RQ1006367-03			% Rec Limits	RPD	RPD Limit
	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
1,2,4-Trichlorobenzene	61.9	100	62	64.7	100	65	29 - 85	5	30
1,2-Diphenylhydrazine	96.6	100	97	96.6	100	97	64 - 114	0	30
2,4,6-Trichlorophenol	87.0	100	87	91.5	100	92	37 - 144	5	30
2,4-Dichlorophenol	84.5	100	84	89.4	100	89	39 - 135	6	30
2,4-Dimethylphenol	62.6	100	63	62.6	100	63	32 - 119	0	30
2,4-Dinitrophenol	85.4	100	85	98.6	100	99	0 - 191	14	30
2,4-Dinitrotoluene	103	100	103	109	100	109	39 - 139	6	30
2,6-Dinitrotoluene	101	100	101	100	100	100	50 - 158	1	30
2-Chloronaphthalene	76.0	100	76	77.5	100	78	60 - 118	2	30
2-Chlorophenol	76.4	100	76	85.2	100	85	23 - 134	11	30
2-Nitrophenol	84.0	100	84	93.1	100	93	29 - 182	10	30
3,3'-Dichlorobenzidine	62.5	100	62	62.3	100	62	0 - 262	0	30
4,6-Dinitro-2-methylphenol	98.3	100	98	101	100	101	0 - 181	3	30
4-Bromophenyl Phenyl Ether	92.2	100	92	92.6	100	93	53 - 127	0	30
4-Chloro-3-methylphenol	90.9	100	91	89.2	100	89	22 - 147	2	30
4-Chlorophenyl Phenyl Ether	89.6	100	90	90.5	100	91	25 - 158	1	30
4-Nitrophenol	34.2	100	34	39.5	100	40	0 - 132	14	30
Acenaphthene	83.7	100	84	87.5	100	87	47 - 145	4	30
Acenaphthylene	86.2	100	86	88.8	100	89	33 - 145	3	30
Anthracene	96.2	100	96	94.4	100	94	27 - 133	2	30
Benz(a)anthracene	105	100	105	104	100	104	33 - 143	2	30
Benzidine	2.37	99.5	2 *	100 U	99.5	0 *	10 - 78	200 *	30
Benzo(a)pyrene	96.6	100	97	99.5	100	100	17 - 163	3	30
Benzo(b)fluoranthene	102	100	102	104	100	104	24 - 159	3	30
Benzo(g,h,i)perylene	107	100	107	107	100	107	0 - 219	0	30
Benzo(k)fluoranthene	101	100	101	105	100	105	11 - 162	4	30
2,2'-Oxybis(1-chloropropane)	68.8	100	69	75.6	100	76	36 - 166	9	30
Bis(2-chloroethoxy)methane	88.1	100	88	86.2	100	86	33 - 184	2	30
Bis(2-chloroethyl) Ether	79.1	100	79	84.5	100	85	12 - 158	7	30
Bis(2-ethylhexyl) Phthalate	115	100	115	115	100	115	8 - 158	0	30
Butyl Benzyl Phthalate	116	100	116	115	100	115	0 - 152	0	30
Chrysene	107	100	107	107	100	107	17 - 168	1	30

Results flagged with an asterisk (\*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.



**COLUMBIA ANALYTICAL SERVICES, INC.**

QA/QC Report

**Client:** General Electric Company  
**Project:** GE -Pittsfield NPDES  
**Sample Matrix:** Water

**Service Request:** R1004105  
**Date Analyzed:** 8/ 6/10

**Lab Control Sample Summary  
 Semivolatile Organic Compounds by GC/MS**

**Analytical Method:** 625  
**Prep Method:** EPA 3510C

**Units:** µg/L  
**Basis:** NA

**Extraction Lot:** 116745

Analyte Name	Lab Control Sample RQ1006367-02			Duplicate Lab Control Sample RQ1006367-03			% Rec Limits	RPD	RPD Limit
	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
Di-n-butyl Phthalate	108	100	108	109	100	109	1 - 118	2	30
Di-n-octyl Phthalate	110	100	110	114	100	114	4 - 146	4	30
Dibenz(a,h)anthracene	107	100	107	110	100	110	0 - 227	3	30
Diethyl Phthalate	100	100	100	103	100	103	0 - 114	3	30
Dimethyl Phthalate	97.6	100	98	101	100	101	0 - 112	3	30
Fluoranthene	102	100	102	104	100	104	26 - 137	2	30
Fluorene	90.2	100	90	92.7	100	93	59 - 121	3	30
Hexachlorobenzene	95.4	100	95	93.7	100	94	0 - 152	2	30
Hexachlorobutadiene	61.0	100	61	64.4	100	64	24 - 116	5	30
Hexachlorocyclopentadiene	31.8	100	32	38.0	100	38	10 - 79	18	30
Hexachloroethane	55.9	100	56	60.4	100	60	40 - 113	8	30
Indeno(1,2,3-cd)pyrene	108	100	108	107	100	107	0 - 171	0	30
Isophorone	92.4	100	92	94.2	100	94	21 - 196	2	30
N-Nitrosodi-n-propylamine	72.2	100	72	81.2	100	81	0 - 230	12	30
N-Nitrosodimethylamine	46.9	100	47	50.4	100	50	34 - 130	7	30
N-Nitrosodiphenylamine	96.3	100	96	94.4	100	94	50 - 117	2	30
Naphthalene	66.2	100	66	68.1	100	68	21 - 133	3	30
Nitrobenzene	78.8	100	79	80.9	100	81	35 - 180	3	30
Pentachlorophenol (PCP)	99.9	100	100	97.1	100	97	14 - 176	3	30
Phenanthrene	99.7	100	100	99.5	100	99	54 - 120	0	30
Phenol	32.5	100	33	35.2	100	35	5 - 112	8	30
Pyrene	108	100	108	105	100	105	52 - 115	3	30

Results flagged with an asterisk (\*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

**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: *[Signature]* Sampler's Printed Name: **Dave Moro**

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING		MATRIX	NUMBER OF CONTAINERS	ANALYSIS REQUESTED (Include Method Number and Container Preservative)												REMARKS/ ALTERNATE DESCRIPTION	
		DATE	TIME			PRESERVATIVE	GC/MS VOA's 8260 624 CLP	GC/MS SVOA's 8270 625 CLP	GC VOA's 8021 601/602	PESTICIDES 8081 608 CLP	PCB's 8082 608 CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	VOC 624					
① 64G-3Q2M-1X-GV		8-2-10	7:05 AM	H <sub>2</sub> O	3	<input checked="" type="checkbox"/>													
② 64G-3Q2M-1X-GV		8-2-10	7:05 AM	H <sub>2</sub> O	3														
③ 64G-3Q2M-1X-GS		8-2-10	7:05 AM	H <sub>2</sub> O	1			<input checked="" type="checkbox"/>											
① Trip BLANK		8-2-10	7:30 AM	H <sub>2</sub> O	3	<input checked="" type="checkbox"/>													
② Trip BLANK		8-2-10	7:30 AM	H <sub>2</sub> O	3														

**SPECIAL INSTRUCTIONS/COMMENTS**

- EPA 624 Acrolein & Acrylonitrile (unpreserved)
- Full EPA 624 list excluding Acrolein & Acrylonitrile (preserved)
- Full EPA 625 list
  - EPA 624 & 625 list incl. with COCs
  - Samples packed in ice

See QAPP

**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  
 IV. Data Validation Report with Raw Data   
 V. Specialized Forms / Custom Report

**INVOICE INFORMATION**  
 PO# \_\_\_\_\_  
 BILL TO: \_\_\_\_\_

SAMPLE RECEIPT: CONDITION/COOLER TEMP: \_\_\_\_\_ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i>	Signature: _____	Signature: _____	Signature: _____	Signature: _____
Printed Name: <b>Dave Moro</b>	Printed Name: <b>David White</b>	Printed Name: _____	Printed Name: _____	Printed Name: _____	Printed Name: _____
Firm: <b>UWNA</b>	Firm: <b>813/10/0940</b>	Firm: _____	Firm: _____	Firm: _____	Firm: _____
Date/Time: <b>8/2/10 2:00pm</b>	Date/Time: _____	Date/Time: _____	Date/Time: _____	Date/Time: _____	Date/Time: _____

**R1004105**  
 Veolia Water North America  
 GE - Pittsfield NPDES





Cooler Receipt And Preservation Check Form

Project/Client GE-Pittsfield Submission Number R10-4105

Cooler received on 8/3/10 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: 40°

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: 8/3/10/0950

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: [Signature]

Cooler Breakdown: Date: 8/3/10 by: MWS

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 <sub>3</sub>								
≤2	H <sub>2</sub> SO <sub>4</sub>								
Residual Chlorine (-)	For TCN and Phenol			If present, contact PM to add ascorbic acid					
	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	-	-			*Not to be tested before analysis - pH tested and recorded by VOAs or GenChem on a separate worksheet			
	Zn Aceta	-	-						
	HCl	*	*	<u>4/10/10</u>					

Yes = All samples OK  
No = Samples were preserved at lab as listed  
PM OK to Adjust: \_\_\_\_\_

Bottle lot numbers: 0-122-002, 032210-1L

Other Comments: \_\_\_\_\_  
  
[Signature]

\*significant air bubbles are greater than 5-6 mm

PC Secondary Review: \_\_\_\_\_

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 08/01/2010	TO 08/31/2010

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 00400 IM 0 Internal Monitoring Point	SAMPLE MEASUREMENT	*****	*****	*****	NOD(9)	*****	NOD(9)				
	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM	SU		Twice Every Month	GRAB
Solids, total suspended 00530 IM 0 Internal Monitoring Point	SAMPLE MEASUREMENT	NOD(9)	NOD(9)		NOD(9)	*****	NOD(9)				
	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 00556 IM 0 Internal Monitoring Point	SAMPLE MEASUREMENT	NOD(9)	NOD(9)		*****	*****	NOD(9)				
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	*****	*****	15 DAILY MX	mg/L		Twice Every Month	GRAB
Polychlorinated biphenyls (PCBs) 39516 IM 0 Internal Monitoring Point	SAMPLE MEASUREMENT	NOD(9)	NOD(9)		NOD(9)	*****	NOD(9)				
	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 50050 IM 0 Internal Monitoring Point	SAMPLE MEASUREMENT	0.0012	0.0022	MGD	*****	*****	*****	*****	0	WEEKLY	ESTIMA
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Weekly	ESTIMA
Flow, total 82220 IM 0 Internal Monitoring Point	SAMPLE MEASUREMENT	NOD(9)	NOD(9)		*****	*****	*****	*****			
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Weekly	ESTIMA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER MICHAEL T CARROLL MGR. PITTSFIELD REMEDIATION PROG. TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Michael T Carroll</i>	TELEPHONE		DATE
			AREA Code	NUMBER	MM/DD/YYYY
			(413) 448-5902	09/22/2010	

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
08/01/10	0.0007	0.00	0.00
08/02/10		0.00	0.00
08/03/10		0.00	0.00
08/04/10		0.00	0.00
08/05/10		0.00	0.00
08/06/10		0.02	0.02
08/07/10		0.00	0.00
08/08/10	0.0022	0.00	0.00
08/09/10		0.00	0.00
08/10/10		0.01	0.01
08/11/10		0.00	0.00
08/12/10		0.00	0.00
08/13/10		0.00	0.00
08/14/10		0.00	0.00
08/15/10	0.0004	0.00	0.00
08/16/10		0.15	0.09
08/17/10		0.29	0.29
08/18/10		0.00	0.00
08/19/10		0.00	0.00
08/20/10		0.06	0.06
08/21/10		0.00	0.00
08/22/10	0.0022	0.00	0.00
08/23/10		0.30	0.08
08/24/10		0.00	0.00
08/25/10		0.02	0.02
08/26/10		0.00	0.00
08/27/10		0.00	0.00
08/28/10		0.00	0.00
08/29/10	0.0007	0.00	0.00
08/30/10		0.00	0.00
08/31/10		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  
PERMIT NUMBER

005-A  
DISCHARGE NUMBER

DMR Mailing ZIP CODE: 01201

MAJOR  
(SUBR W)  
OUTFALL 005  
External Outfall

MONITORING PERIOD			
MM/DD/YYYY		MM/DD/YYYY	
FROM	08/01/2010	TO	08/31/2010

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	.....	.....	.....	7.66	.....	7.68	SU	0	2/MO	GRAB
	PERMIT REQUIREMENT	.....	.....	.....	6.5 MINIMUM	.....	9 MAXIMUM	SU		Twice Per Month	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	0	0	lbs/d	0	.....	0	mg/L	0	2/MO	COMP24
	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 00556 1 0 Effluent Gross	SAMPLE MEASUREMENT	.....	0	lbs/d	.....	.....	0	mg/L	0	2/MO	GRAB
	PERMIT REQUIREMENT	.....	135 DAILY MX	lb/d	.....	.....	15 DAILY MX	mg/L		Twice Per Month	GRAB
Polychlorinated biphenyls (PCBs) 39516 1 0 Effluent Gross	SAMPLE MEASUREMENT	0.000008	0.000011	lb/d	0.0088	.....	0.0103	ug/L	0	2/MO	COMP24
	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 46529 1 0 Effluent Gross	SAMPLE MEASUREMENT	0.00	0.00	in	.....	.....	.....	.....	0	CONT	RECORD
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	.....	.....	.....	.....		Continuous	RECORD
Flow, in conduit or thru treatment plant 50050 1 0 Effluent Gross	SAMPLE MEASUREMENT	0.1128	0.2990	MGD	.....	.....	.....	.....	0	CONT	RECORD
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	.....	.....	.....	.....		Continuous	RECORD
Flow, total 82220 1 0 Effluent Gross	SAMPLE MEASUREMENT	0.1120	0.1304	MGD	.....	.....	.....	.....	0	CONT	RECORD
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	.....	.....	.....	.....		Continuous	RECORD

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PAOL. TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Michael T. Carroll</i>		TELEPHONE (413)448-5902	DATE 04/22/2010
		AREA Code	NUMBER	MM/DD/YYYY	

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
08/01/10								0.0975	NO	0.00	0.00
08/02/10	7.66	U1.00	1,C	U4.20	1,G	0.0103	C	0.1304	NO	0.00	0.00
08/03/10								0.1331	NO	0.00	0.00
08/04/10								0.0963	NO	0.00	0.00
08/05/10								0.1206	NO	0.00	0.00
08/06/10								0.1196	NO	0.02	0.02
08/07/10								0.1039	NO	0.00	0.00
08/08/10								0.1186	NO	0.00	0.00
08/09/10	7.68	U1.00	1,C	U4.10	1,G	0.0072	C	0.0936	NO	0.00	0.00
08/10/10								0.1240	NO	0.01	0.01
08/11/10								0.1212	NO	0.00	0.00
08/12/10								0.0782	NO	0.00	0.00
08/13/10								0.1149	NO	0.00	0.00
08/14/10								0.1271	NO	0.00	0.00
08/15/10								0.0806	NO	0.00	0.00
08/16/10								0.1663	NO	0.15	0.09
08/17/10								0.1826	NO	0.29	0.29
08/18/10								0.0771	NO	0.00	0.00
08/19/10								0.0888	NO	0.00	0.00
08/20/10								0.1385	NO	0.06	0.06
08/21/10								0.0821	NO	0.00	0.00
08/22/10								0.1160	NO	0.00	0.00
08/23/10								0.2990	NO	0.30	0.08
08/24/10								0.0965	NO	0.00	0.00
08/25/10								0.1149	NO	0.02	0.02
08/26/10								0.1220	NO	0.00	0.00
08/27/10								0.0797	NO	0.00	0.00
08/28/10								0.0773	NO	0.00	0.00
08/29/10								0.0742	NO	0.00	0.00
08/30/10								0.0490	NO	0.00	0.00
08/31/10								0.0728	NO	0.00	0.00

FN 1 - (U) Indicates compound analyzed 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

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

MONITORING PERIOD			
MM/DD/YYYY		MM/DD/YYYY	
FROM 08/01/2010	TO	08/31/2010	

No Discharge

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER MICHAEL T. CARROLL M.T. CARROLL M.T. CARROLL 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.	TELEPHONE		DATE
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Michael T. Carroll</i>		(413) 448-5907
		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.



DISCHARGE MONITORING REPORT (DMR)

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
<b>MONITORING PERIOD</b>	
MM/DD/YYYY	MM/DD/YYYY
FROM 08/01/2010	TO 08/31/2010

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 00400 Y 0 Effluent Gross (Supplementary)	SAMPLE MEASUREMENT	*****	*****	*****	NODI(9)	*****	NODI(9)				
	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM	SU		Twice Per Month	GRAB
Solids, total suspended 00530 Y 0 Effluent Gross (Supplementary)	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	*****	NODI(9)				
	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 00556 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	NODI(9)	*****	NODI(9)				
	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AVG	*****	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs) 39516 Y 0 Effluent Gross (Supplementary)	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	*****	NODI(9)				
	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 50050 Y 0 Effluent Gross (Supplementary)	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		*****	*****	*****	*****			
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Weekly	ESTIMA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION DIV. TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Michael T. Carroll</i>		TELEPHONE (413) 448-5902	DATE 09/22/2010
		AREA Code	NUMBER	MM/DD/YYYY	

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
08/01/10		0.00	0.00	NO
08/02/10		0.00	0.00	NO
08/03/10		0.00	0.00	NO
08/04/10		0.00	0.00	NO
08/05/10		0.00	0.00	NO
08/06/10		0.02	0.02	NO
08/07/10		0.00	0.00	NO
08/08/10		0.00	0.00	NO
08/09/10		0.00	0.00	NO
08/10/10		0.01	0.01	NO
08/11/10		0.00	0.00	NO
08/12/10		0.00	0.00	NO
08/13/10		0.00	0.00	NO
08/14/10		0.00	0.00	NO
08/15/10		0.00	0.00	NO
08/16/10		0.15	0.09	NO
08/17/10		0.29	0.29	NO
08/18/10		0.00	0.00	NO
08/19/10		0.00	0.00	NO
08/20/10		0.06	0.06	NO
08/21/10		0.00	0.00	NO
08/22/10		0.00	0.00	NO
08/23/10		0.30	0.08	NO
08/24/10		0.00	0.00	NO
08/25/10		0.02	0.02	NO
08/26/10		0.00	0.00	NO
08/27/10		0.00	0.00	NO
08/28/10		0.00	0.00	NO
08/29/10		0.00	0.00	NO
08/30/10		0.00	0.00	NO
08/31/10		0.00	0.00	NO

DISCHARGE MONITORING REPORT (DMR)

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  
PERMIT NUMBER

W05A-A  
DISCHARGE NUMBER

DMR Mailing ZIP CODE: 01201

MAJOR (SUBR W)  
OUTFALL 05A WET WEATHER  
External Outfall

MONITORING PERIOD  
FROM MM/DD/YYYY TO MM/DD/YYYY  
08/01/2010 TO 08/31/2010

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	NOD1(9)	*****	NOD1(9)				
	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	NOD1(9)	NOD1(9)		NOD1(9)	*****	NOD1(9)				
	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 00556 1 0 Effluent Gross	SAMPLE MEASUREMENT	NOD1(9)	NOD1(9)		*****	*****	NOD1(9)				
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	*****	*****	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs) 39516 1 0 Effluent Gross	SAMPLE MEASUREMENT	NOD1(9)	NOD1(9)		NOD1(9)	*****	NOD1(9)				
	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 46529 1 0 Effluent Gross	SAMPLE MEASUREMENT	NOD1(9)	NOD1(9)		*****	*****	*****	*****			
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	*****	*****	*****	*****		Daily When Discharging	TOTALZ
Flow, in conduit or thru treatment plant 50050 1 0 Effluent Gross	SAMPLE MEASUREMENT	0.0589	0.1198	MGD	*****	*****	*****	*****	0	COST	RECORDR
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Continuous	RECORDR
Number of Events 51484 1 0 Effluent Gross	SAMPLE MEASUREMENT	4	*****	#	*****	*****	*****	*****	0	DAILY WHEN DISCHARGING	VISUAL
	PERMIT REQUIREMENT	Req. Mon. TOTAL	*****	#	*****	*****	*****	*****		Daily When Discharging	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER MICHAEL T CARROLL MGR. PITTSFIELD REMEDIATION DIV. TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Michael T. Carroll</i>	TELEPHONE		DATE
			AREA Code	NUMBER	MM/DD/YYYY
			(413) 447-3902		09/22/2010

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

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

MONITORING PERIOD			
MM/DD/YYYY		MM/DD/YYYY	
08/01/2010	FROM	08/31/2010	TO

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	N001(9)	N001(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  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.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  <i>Michael T. Carroll</i>	TELEPHONE	DATE
			AREA Code	NUMBER
			(413) 448-5902	08/22/2010

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
08/01/10										NO	0.00	0.00
08/02/10										NO	0.00	0.00
08/03/10										NO	0.00	0.00
08/04/10										NO	0.00	0.00
08/05/10										NO	0.00	0.00
08/06/10										NO	0.02	0.02
08/07/10										NO	0.00	0.00
08/08/10										NO	0.00	0.00
08/09/10										NO	0.00	0.00
08/10/10										NO	0.01	0.01
08/11/10										NO	0.00	0.00
08/12/10										NO	0.00	0.00
08/13/10										NO	0.00	0.00
08/14/10										NO	0.00	0.00
08/15/10										NO	0.00	0.00
08/16/10								0.0001		NO	0.15	0.09
08/17/10								0.1081		NO	0.29	0.29
08/18/10										NO	0.00	0.00
08/19/10										NO	0.00	0.00
08/20/10								0.0075		NO	0.06	0.06
08/21/10										NO	0.00	0.00
08/22/10										NO	0.00	0.00
08/23/10								0.1198		NO	0.30	0.08
08/24/10										NO	0.00	0.00
08/25/10										NO	0.02	0.02
08/26/10										NO	0.00	0.00
08/27/10										NO	0.00	0.00
08/28/10										NO	0.00	0.00
08/29/10										NO	0.00	0.00
08/30/10										NO	0.00	0.00
08/31/10										NO	0.00	0.00

FN 1 - (U) Indicates compound analyzed 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

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

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
FROM 08/01/2010	TO 08/31/2010

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	NOD1(9)	*****	NOD1(9)				
	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	NOD1(9)	*****	NOD1(9)				
	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	mg/L		Quarterly	COMPOS
Oil & grease 00556 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NOD1(9)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs) 39516 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	NOD1(9)	*****	NOD1(9)				
	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	ug/L		Quarterly	COMPOS
Rainfall 46529 1 0 Effluent Gross	SAMPLE MEASUREMENT	NOD1(9)	NOD1(9)		*****	*****	*****	*****			
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	*****	*****	*****	*****		Daily When Discharging	TOTALZ
Flow, in conduit or thru treatment plant 50050 1 0 Effluent Gross	SAMPLE MEASUREMENT	0.0169	0.0169	MGD	*****	*****	*****	*****	0	CONT	RCORDR
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Continuous	RCORDR
Number of Events 51484 1 0 Effluent Gross	SAMPLE MEASUREMENT	1	*****	#	*****	*****	*****	*****	0	DAILY WET DISCHARGE	VISUAL
	PERMIT REQUIREMENT	Req. Mon. TOTAL	*****	#	*****	*****	*****	*****		Daily When Discharging	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER MICHAEL T. CARROLL MUN. PITTSFIELD REMEDIATION PROG. TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Michael T. Carroll</i>	TELEPHONE	DATE
			(413)448-5902	09/22/2010
			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 08/01/2010	TO 08/31/2010

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

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
08/01/10										0.00	0.00
08/02/10										0.00	0.00
08/03/10										0.00	0.00
08/04/10										0.00	0.00
08/05/10										0.00	0.00
08/06/10										0.02	0.02
08/07/10										0.00	0.00
08/08/10										0.00	0.00
08/09/10										0.00	0.00
08/10/10										0.01	0.01
08/11/10										0.00	0.00
08/12/10										0.00	0.00
08/13/10										0.00	0.00
08/14/10										0.00	0.00
08/15/10										0.00	0.00
08/16/10										0.15	0.09
08/17/10								0.0169		0.29	0.29
08/18/10										0.00	0.00
08/19/10										0.00	0.00
08/20/10										0.06	0.06
08/21/10										0.00	0.00
08/22/10										0.00	0.00
08/23/10										0.30	0.08
08/24/10										0.00	0.00
08/25/10										0.02	0.02
08/26/10										0.00	0.00
08/27/10										0.00	0.00
08/28/10										0.00	0.00
08/29/10										0.00	0.00
08/30/10										0.00	0.00
08/31/10										0.00	0.00

FN 1 - (U) Indicates compound analyzed 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

DMR Mailing ZIP CODE: 01201

MAJOR (SUBR W)  
OUTFALL 006 DRY WEATHER  
External Outfall

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
08/01/2010	08/31/2010

FROM

TO

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	NOD(9)	*****	NOD(9)				
	PERMIT REQUIREMENT	*****	*****	*****	8.3 MINIMUM	*****	9 MAXIMUM	SU		Twice Every Month	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	NOD(9)	NOD(9)		NOD(9)	*****	NOD(9)				
	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 00556 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NOD(9)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	15 DAILY MX	mg/L		Twice Every Month	GRAB
Polychlorinated biphenyls (PCBs) 39516 1 0 Effluent Gross	SAMPLE MEASUREMENT	NOD(9)	NOD(9)		NOD(9)	*****	NOD(9)				
	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 50050 1 0 Effluent Gross	SAMPLE MEASUREMENT	0	0	MGD	*****	*****	*****	*****	0	WEEKLY	ESTIMA
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Weekly	ESTIMA
Volatile Organic Compound (VOC) 51415 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	NOD(9)	*****	NOD(9)				
	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	ug/L		Twice Every Month	GRAB
Volatile fraction organics (EPA 624) 78733 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	NOD(9)	*****	NOD(9)				
	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	ug/L		Twice Every Month	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PROG. TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Michael T. Carroll</i>	TELEPHONE		DATE
			AREA Code	NUMBER	MM/DD/YYYY
			(413) 448-5502		09/22/2010

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

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

MONITORING PERIOD			
MM/DD/YYYY		MM/DD/YYYY	
08/01/2010	FROM	08/31/2010	TO

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	NODIC9	NODIC9		*****	*****	*****	*****			
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Weekly	ESTIMA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER MICHAEL T CARROLL MGR. PITTSFIELD REMEDIATION P/W TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Michael T. Carroll</i>	TELEPHONE	DATE
			AREA Code	NUMBER
			(413) 448-5902	09/22/2010

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
08/01/10	0	0.00	0.00
08/02/10		0.00	0.00
08/03/10		0.00	0.00
08/04/10		0.00	0.00
08/05/10		0.00	0.00
08/06/10		0.02	0.02
08/07/10		0.00	0.00
08/08/10	0	0.00	0.00
08/09/10		0.00	0.00
08/10/10		0.01	0.01
08/11/10		0.00	0.00
08/12/10		0.00	0.00
08/13/10		0.00	0.00
08/14/10		0.00	0.00
08/15/10	0	0.00	0.00
08/16/10		0.15	0.09
08/17/10		0.29	0.29
08/18/10		0.00	0.00
08/19/10		0.00	0.00
08/20/10		0.06	0.06
08/21/10		0.00	0.00
08/22/10	0	0.00	0.00
08/23/10		0.30	0.08
08/24/10		0.00	0.00
08/25/10		0.02	0.02
08/26/10		0.00	0.00
08/27/10		0.00	0.00
08/28/10		0.00	0.00
08/29/10	0	0.00	0.00
08/30/10		0.00	0.00
08/31/10		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  
PERMIT NUMBER

W006-A  
DISCHARGE NUMBER

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

MONITORING PERIOD  
MM/DD/YYYY TO MM/DD/YYYY  
FROM 08/01/2010 TO 08/31/2010

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	NODI(9)	*****	NODI(9)				
	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	*****	NODI(9)				
	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 00556 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI(9)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs) 39516 1 0 Effluent Gross	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	*****	NODI(9)				
	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 46529 1 0 Effluent Gross	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		*****	*****	*****	*****			
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	*****	*****	*****	*****		Daily When Discharging	TOTALZ
Flow, total 82220 1 0 Effluent Gross	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		*****	*****	*****	*****			
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION DEPT. TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Michael T. Carroll</i>	TELEPHONE		DATE
			AREA Code	NUMBER	MM/DD/YYYY
			(413) 448-5902	09/22/2010	

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)

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FACILITY: GENERAL ELECTRIC COMPANY  
LOCATION: 159 PLASTICS AVE  
PITTSFIELD, MA 01201  
ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	W06A-A
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
FROM 08/01/2010	TO 08/31/2010

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	NODI(9)	*****	NODI(9)				
	PERMIT REQUIREMENT	*****	*****	*****	0.5 MINIMUM	*****	g MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	*****	NODI(9)				
	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 00556 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI(9)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs) 39516 1 0 Effluent Gross	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	*****	NODI(9)				
	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 46529 1 0 Effluent Gross	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		*****	*****	*****	*****			
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	*****	*****	*****	*****		Daily When Discharging	TOTALZ
Flow, in conduit or thru treatment plant 50050 1 0 Effluent Gross	SAMPLE MEASUREMENT	0.0103	0.0103	MGD	*****	*****	*****	*****	0	CONT	RECORD
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Continuous	RCORDR
Number of Events 51484 1 0 Effluent Gross	SAMPLE MEASUREMENT	1	*****	#	*****	*****	*****	*****	0	DAILY WHEN DISCHARGING	VISUAL
	PERMIT REQUIREMENT	Req. Mon. TOTAL	*****	#	*****	*****	*****	*****		Daily When Discharging	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PAX- TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Michael T. Carroll</i>	TELEPHONE		DATE
			AREA Code	NUMBER	MM/DD/YYYY
			(413) 444-5502		09/22/2010

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  
PERMIT NUMBER

W06A-A  
DISCHARGE NUMBER

MONITORING PERIOD  
MM/DD/YYYY TO MM/DD/YYYY  
FROM 08/01/2010 TO 08/31/2010

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	NODI (9)	NODI (9)		*****	*****	*****	*****			
82220 10 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER MICHAEL T. CARROLL MGR PITTSFIELD DECONTAMINATION 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.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Michael T. Carroll</i>	TELEPHONE		DATE
			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
08/01/10											0.00	0.00
08/02/10											0.00	0.00
08/03/10											0.00	0.00
08/04/10											0.00	0.00
08/05/10											0.00	0.00
08/06/10											0.02	0.02
08/07/10											0.00	0.00
08/08/10											0.00	0.00
08/09/10											0.00	0.00
08/10/10											0.01	0.01
08/11/10											0.00	0.00
08/12/10											0.00	0.00
08/13/10											0.00	0.00
08/14/10											0.00	0.00
08/15/10											0.00	0.00
08/16/10											0.15	0.09
08/17/10								0.0103			0.29	0.29
08/18/10											0.00	0.00
08/19/10											0.00	0.00
08/20/10											0.06	0.06
08/21/10											0.00	0.00
08/22/10											0.00	0.00
08/23/10											0.30	0.08
08/24/10											0.00	0.00
08/25/10											0.02	0.02
08/26/10											0.00	0.00
08/27/10											0.00	0.00
08/28/10											0.00	0.00
08/29/10											0.00	0.00
08/30/10											0.00	0.00
08/31/10											0.00	0.00

FN 1 - (U) Indicates compound analyzed 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
<b>MONITORING PERIOD</b>	
MM/DD/YYYY	MM/DD/YYYY
FROM 08/01/2010	TO 08/31/2010

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	0.29	0.29	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
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
Flow, total	SAMPLE MEASUREMENT	0.0792	0.0792	MGD	*****	*****	*****	*****	0	DAILY WHEN DISCHARGING	RCORDR
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 MICHAEL T CARROLL MGR. PITTSFIELD REMEDIATION DIV. 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.	TELEPHONE		DATE
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Michael T. Carroll</i>		(413) 448-5502
		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
08/01/10		0.00	0.00
08/02/10		0.00	0.00
08/03/10		0.00	0.00
08/04/10		0.00	0.00
08/05/10		0.00	0.00
08/06/10		0.02	0.02
08/07/10		0.00	0.00
08/08/10		0.00	0.00
08/09/10		0.00	0.00
08/10/10		0.01	0.01
08/11/10		0.00	0.00
08/12/10		0.00	0.00
08/13/10		0.00	0.00
08/14/10		0.00	0.00
08/15/10		0.00	0.00
08/16/10		0.15	0.09
08/17/10	0.0792	0.29	0.29
08/18/10		0.00	0.00
08/19/10		0.00	0.00
08/20/10		0.06	0.06
08/21/10		0.00	0.00
08/22/10		0.00	0.00
08/23/10		0.30	0.08
08/24/10		0.00	0.00
08/25/10		0.02	0.02
08/26/10		0.00	0.00
08/27/10		0.00	0.00
08/28/10		0.00	0.00
08/29/10		0.00	0.00
08/30/10		0.00	0.00
08/31/10		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

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

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
FROM 08/01/2010	TO 08/31/2010

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	NODI(9)	*****	NODI(9)				
	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	*****	NODI(9)				
	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 00556 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****			*****	*****	NODI(9)				
	PERMIT REQUIREMENT	*****	438 DAILY MX	lb/d	*****	*****	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs) 39516 1 0 Effluent Gross	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	*****	NODI(9)				
	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 46529 1 0 Effluent Gross	SAMPLE MEASUREMENT	0.15	0.15	IN	*****	*****	*****	*****	0	CONT	RCORDR
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	*****	*****	*****	*****		Continuous	RCORDR
Flow, in conduit or thru treatment plant 50050 1 0 Effluent Gross	SAMPLE MEASUREMENT	0.0057	0.0704	MGD	*****	*****	*****	*****	0	CONT	RCORDR
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Continuous	RCORDR
Flow, total 82220 1 0 Effluent Gross	SAMPLE MEASUREMENT	0.0178	0.0178	MGD	*****	*****	*****	*****	0	CONT	RCORDR
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER MICHAEL T. CARROLL MUN. 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.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Michael T. Carroll</i>	TELEPHONE	DATE
			(413) 446-5902	09/22/2010
			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 MGL	FN	PCB UG/L	FN	Metered Flow - MGD	Calculated Flow - MGD	FN	Rainfall Total - In	Rainfall Peak - In
08/01/10											0.00	0.00
08/02/10											0.00	0.00
08/03/10											0.00	0.00
08/04/10											0.00	0.00
08/05/10											0.00	0.00
08/06/10											0.02	0.02
08/07/10											0.00	0.00
08/08/10											0.00	0.00
08/09/10								0.0016			0.00	0.00
08/10/10								0.0018			0.01	0.01
08/11/10											0.00	0.00
08/12/10								0.0005			0.00	0.00
08/13/10											0.00	0.00
08/14/10								0.0001			0.00	0.00
08/15/10								0.0033			0.00	0.00
08/16/10		7.30	C			0.0207	C	0.0178			0.15	0.09
08/17/10								0.0704			0.29	0.29
08/18/10											0.00	0.00
08/19/10								0.0002			0.00	0.00
08/20/10								0.0142			0.06	0.06
08/21/10								0.0026			0.00	0.00
08/22/10								0.0005			0.00	0.00
08/23/10								0.0570			0.30	0.08
08/24/10											0.00	0.00
08/25/10								0.0077			0.02	0.02
08/26/10											0.00	0.00
08/27/10											0.00	0.00
08/28/10											0.00	0.00
08/29/10								0.00003			0.00	0.00
08/30/10								0.00002			0.00	0.00
08/31/10											0.00	0.00

FN 1 - (U) Indicates compound analyzed 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  
PERMIT NUMBER

D009-A  
DISCHARGE NUMBER

DMR Mailing ZIP CODE: 01201

MAJOR  
(SUBR W)  
OUTFALL 009 DRY WEATHER  
External Outfall

MONITORING PERIOD			
MM/DD/YYYY		MM/DD/YYYY	
FROM	08/01/2010	TO	08/31/2010

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)				
	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM	SU		Twice Every Month	GRAB
00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	*****	NODI(9)				
	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
Solids, total suspended	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	*****	NODI(9)				
	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	*****	*****	*****	NODI(9)	*****	NODI(9)				
	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AVG	*****	15 DAILY MX	mg/L		Twice Every Month	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	*****	NODI(9)				
	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
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Weekly	ESTIMA
50050 1 0 Effluent Gross	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		*****	*****	*****	*****			
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Twice Every Month	ESTIMA
Flow, total	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		*****	*****	*****	*****			
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Twice Every Month	ESTIMA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER MICHAEL T CARROLL MGR., PITTSFIELD REMEDIATION PACT TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Michael T. Carroll</i>	TELEPHONE	DATE
			(413) 444-5902	09/22/2010
			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
08/01/10	0	0.00	0.00
08/02/10		0.00	0.00
08/03/10		0.00	0.00
08/04/10		0.00	0.00
08/05/10		0.00	0.00
08/06/10		0.02	0.02
08/07/10		0.00	0.00
08/08/10	0	0.00	0.00
08/09/10		0.00	0.00
08/10/10		0.01	0.01
08/11/10		0.00	0.00
08/12/10		0.00	0.00
08/13/10		0.00	0.00
08/14/10		0.00	0.00
08/15/10	0	0.00	0.00
08/16/10		0.15	0.09
08/17/10		0.29	0.29
08/18/10		0.00	0.00
08/19/10		0.00	0.00
08/20/10		0.06	0.06
08/21/10		0.00	0.00
08/22/10	0	0.00	0.00
08/23/10		0.30	0.08
08/24/10		0.00	0.00
08/25/10		0.02	0.02
08/26/10		0.00	0.00
08/27/10		0.00	0.00
08/28/10		0.00	0.00
08/29/10	0	0.00	0.00
08/30/10		0.00	0.00
08/31/10		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)

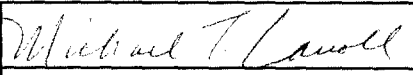
NAME: GENERAL ELECTRIC PITTSFIELD  
ADDRESS: 159 PLASTICS AVE  
PITTSFIELD, MA 01201  
FACILITY: GENERAL ELECTRIC COMPANY  
LOCATION: 159 PLASTICS AVE  
PITTSFIELD, MA 01201  
ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	W009-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
FROM 08/01/2010	TO 08/31/2010

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	*****	*****	*****	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
Flow, total	SAMPLE MEASUREMENT	NODI(9)	NODI(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 MICHAEL T CARROLL MGR, PITTSFIELD RECREATION PAUL TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
			AREA Code	NUMBER

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

SEE PAGE 14 OF PERMIT TOTAL FLOW SEE FOOTNOTE 4

**GE/CEP Internal Chain of Custody Form**

Pittsfield, MA

Grab Samples

NPDES Permit Number: MA0003891

COC# 01-9/13-10

Sampler: Dave Moro (DM)

Date: 9/13/10

Sampler: Jason Webster JW

64G ✓	Time <u>7:00 AM</u>	05A Wet	Time _____	009 Wet	Time _____
	Initials <u>DM</u>		Initials _____		Initials _____
	Eff. Flow (gpm) <u>91 GPM</u>		Eff. Flow (gpm) _____		Eff. Flow (gpm) _____
	O&G EPA 1664 <u>64G-3Q3M-2X-GO</u>		pH / Temp _____		pH / Temp _____
	O&G EPA 1664 (A) <u>64G-3Q3M-2X-GOA</u>		O&G EPA 1664 _____		O&G EPA 1664 _____
	VOC 624 <u>64G-3Q3M-2X-GV</u>	O&G EPA 1664 (A) _____	O&G EPA 1664 (A) _____		
	SVOC 625 <u>64G-3Q3M-2X-GS</u>				
005 ✓	Time <u>7:00 AM</u>	05B Wet	Time _____	09B	Time _____
	Initials <u>JW</u>		Initials _____		Initials _____
	005 Eff. Flow (gpm) <u>92</u>		Eff. Flow (gpm) _____		Eff. Flow (gpm) _____
	pH / Temp <u>7.82 @ 16.1°C</u>		pH / Temp _____		pH / Temp _____
	O&G EPA 1664 <u>005-3Q3M-2X-GO</u>		O&G EPA 1664 _____		O&G EPA 1664 _____
	O&G EPA 1664 (A) <u>005-3Q3M-2X-GOA</u>	O&G EPA 1664 (A) _____	O&G EPA 1664 (A) _____		
If Flooded	64G Eff. Flow (gpm) _____	006 Wet	Time _____	Comments:	
	64T Eff. Flow (gpm) _____		Initials _____		
	64G O&G EPA 1664 _____		Eff. Flow (gpm) _____		
	64G O&G EPA 1664 (A) _____		pH / Temp _____		
			O&G EPA 1664 _____		
		O&G EPA 1664 (A) _____			
005 Wet	Time _____	06A Wet	Time _____		
	Initials _____		Initials _____		
	005 Eff. Flow (gpm) _____		Eff. Flow (gpm) _____		
	pH / Temp _____		pH / Temp _____		
	O&G EPA 1664 _____		O&G EPA 1664 _____		
	O&G EPA 1664 (A) _____	O&G EPA 1664 (A) _____			
If Flooded	64G Eff. Flow (gpm) _____				
	64T Eff. Flow (gpm) _____				
	64G O&G EPA 1664 _____				
	64G O&G EPA 1664 (A) _____				

**GE CEP Internal Chain of Custody Form**

Pittsfield, MA

Grab Samples

NPDES Permit Number: MA0003891

COC# 01-9-7-10

Date: 7/7/10

Sampler: Dave Moro DM

Sampler: Joseph C. Hamling JCH

<b>64G</b> <input checked="" type="checkbox"/>	Time <u>7:00 AM</u>	<b>05A</b> Wet	Time _____	<b>009</b> Wet	Time _____
	Initials <u>DM</u>		Initials _____		Initials _____
	Eff. Flow (gpm) <u>61</u>		Eff. Flow (gpm) _____		Eff. Flow (gpm) _____
	O&G EPA 1664 <u>005-303M-1K-G0</u>		pH / Temp _____		pH / Temp _____
O&G EPA 1664 (A) <u>005-303M-1K-G0A</u>	O&G EPA 1664 _____	O&G EPA 1664 _____	O&G EPA 1664 _____	O&G EPA 1664 _____	
VOC 62 <u>005-303M-1K-GV</u>	O&G EPA 1664 (A) _____	O&G EPA 1664 (A) _____	O&G EPA 1664 (A) _____	O&G EPA 1664 (A) _____	
SVOC 62 <u>005-303M-1K-GS</u>					
<b>005</b> <input checked="" type="checkbox"/>	Time <u>7:05 AM</u>	<b>05B</b> Wet	Time _____	<b>09B</b>	Time _____
	Initials <u>JCH</u>		Initials _____		Initials _____
	005 Eff. Flow (gpm) <u>67</u>		Eff. Flow (gpm) _____		Eff. Flow (gpm) _____
	pH / Temp <u>7.96 @ 16.1°C</u>		pH / Temp _____		pH / Temp _____
O&G EPA 1664 <u>005-303M-1K-G0</u>	O&G EPA 1664 _____	O&G EPA 1664 _____	O&G EPA 1664 _____	O&G EPA 1664 _____	
O&G EPA 1664 (A) <u>005-303M-1K-G0A</u>	O&G EPA 1664 (A) _____	O&G EPA 1664 (A) _____	O&G EPA 1664 (A) _____	O&G EPA 1664 (A) _____	
If Flooded	64G Eff. Flow (gpm) _____	<b>006</b> Wet	Time _____	Comments:	
	64T Eff. Flow (gpm) _____		Initials _____		
	64G O&G EPA 1664 _____		Eff. Flow (gpm) _____		
	64G O&G EPA 1664 (A) _____		pH / Temp _____		
<b>005</b> Wet	Time _____	<b>06A</b> Wet	Time _____		
	Initials _____		Initials _____		
	005 Eff. Flow (gpm) _____		Eff. Flow (gpm) _____		
	pH / Temp _____		pH / Temp _____		
O&G EPA 1664 _____	O&G EPA 1664 _____				
O&G EPA 1664 (A) _____	O&G EPA 1664 (A) _____				
If Flooded	64G Eff. Flow (gpm) _____	O&G EPA 1664 _____	O&G EPA 1664 _____		
	64T Eff. Flow (gpm) _____		O&G EPA 1664 (A) _____		
	64G O&G EPA 1664 _____				
	64G O&G EPA 1664 (A) _____				