



GE  
159 Plastics Avenue  
Pittsfield, MA 01201  
USA

*Transmitted via Overnight Courier*

August 9, 2011

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 July 2011 (GECD900)**

Dear Mr. Tagliaferro and Mr. Gorski:

Enclosed are copies of General Electric's (GE's) monthly progress report for July 2011 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 / DGN*

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)  
R. Leitch, 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 (CD-ROM of report)  
Nancy E. Harper, MA AG  
Susan Peterson, CT DEP  
Field Supervisor, US FWS, DOI  
Kenneth Finkelstein, Ph.D., NOAA (Items 13, 14, and 15 only)  
Mayor James Ruberto, City of Pittsfield  
Corydon L. Thurston, 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)*

*July 2011*

**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  
(GEC900)  
JULY 2011**

**a. Activities Undertaken/Completed**

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

**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 June 1 through June 30, 2011, are provided in Attachment B to this report.

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

Submitted a Baseline Monitoring Plan Semi-Annual Interim Status Report for 2011 under GE's NPDES Permit.

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

- Continue NPDES Permit-related sampling and monitoring activities.
- Attend public and Citizens Coordinating Council (CCC) meetings, as appropriate.
- Continue development of a 64G Method Limit (ML) Study Work Plan to study the laboratory limitations associated with use of Modified Method 8082 to analyze PCBs in discharge water from the Building 64G Groundwater Treatment Facility, and the repeatability of the MLs achieved during the 64G Optimization Study.

**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 remains under EPA review.

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

None

**ITEM 1  
PLANT AREA  
20s, 30s, 40s COMPLEXES  
(GECD120)  
JULY 2011**

**a. Activities Undertaken/Completed**

None

**b. Sampling/Test Results Received**

None

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

None

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

- Upcoming activities relating to a draft Grant of Environmental Restriction and Easement (ERE) covering the portion of Woodlawn Avenue adjacent to the former 20s Complex, combined with the portion of that road within East Street Area 2-North, are discussed further under Item 3 (East Street Area 2-North).\*
- The Pittsfield Economic Development Authority (PEDA) is working with MDEP on draft amended EREs for the former 20s Complex and the former 30s Complex.\*
- Perform the annual ERE inspections for the former 20s and former 30s Complexes (scheduled for August 16, 2011).\*
- Perform the annual inspection of the temporary stockpile area at the 40s Complex (scheduled for September 13, 2011).\*

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

See Item 3.e below regarding the draft ERE covering the portion of Woodlawn Avenue adjacent to the former 20s Complex (combined with the portion of that road within East Street Area 2-North).\*

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

None

**ITEM 2  
PLANT AREA  
EAST STREET AREA 2-SOUTH  
(GEC150)  
JULY 2011**

**a. Activities Undertaken/Completed**

- Continued remediation activities.\* (No water was collected and transferred during remediation activities to the Building 64G Groundwater Treatment Facility for treatment.)
- Performed ambient air monitoring for PCBs and particulate matter in conjunction with remediation actions, as indicated in Table 2-1.\*
- Initiated repair of riverbank/drainage swale in accordance with GE's proposal dated June 24, 2011, approved by EPA on June 28, 2011.\*
- Collected a drum sample of water associated with routine well maintenance and tool cleaning, as indicated in Table 2-1.
- Conducted Liquid Phase Carbon Absorption (LPCA) sampling at Building 64G Groundwater Treatment Facility, as indicated in Table 2-1.
- Performed July 2011 dry weather flow inspection activities associated with Drainage Basin 005 under GE's NPDES Permit.

**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 remediation activities.\*
- Perform August 2011 dry weather flow inspection activities associated with Drainage Basins 005 and 006 under GE's NPDES Permit.
- Perform annual post-remediation inspection of cover at City Recreational Area (scheduled for September 13, 2011).\*



**ITEM 2  
(cont'd)  
PLANT AREA  
EAST STREET AREA 2-SOUTH  
(GECD150)  
JULY 2011**

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

No issues.

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

None

**TABLE 2-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JULY 2011**

**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	F11-64G-01	6/26/11	Water	Columbia	VOC	7/7/11
Building 64G LPCA Monitoring	F11-64G-02	6/26/11	Water	Columbia	VOC	7/7/11
Building 64G LPCA Monitoring	F11-64G-03	6/26/11	Water	Columbia	VOC	7/7/11
Building 64G LPCA Monitoring	F11-64G-04	6/26/11	Water	Columbia	VOC	7/7/11
Building 64G LPCA Monitoring	F11-64G-05	6/26/11	Water	Columbia	SVOC	7/7/11
Building 64G LPCA Monitoring	F11-64G-06	6/26/11	Water	Columbia	SVOC	7/7/11
Building 64G LPCA Monitoring	F11-64G-07	6/26/11	Water	Columbia	SVOC	7/7/11
Building 64G LPCA Monitoring	F11-64G-08	6/26/11	Water	Columbia	SVOC	7/7/11
Building 64G LPCA Monitoring	F11-64G-PC-13	6/26/11	Water	SGS	PCB	7/5/11
Building 64G LPCA Monitoring	F11-64G-PC-14	6/26/11	Water	SGS	PCB	7/5/11
Building 64G LPCA Monitoring	F11-64G-PC-15	6/26/11	Water	SGS	PCB	7/5/11
Building 64G LPCA Monitoring	F11-64G-PC-16	6/26/11	Water	SGS	PCB	7/5/11
Building 64G LPCA Monitoring	F11-64G-PC-17	6/26/11	Water	SGS	PCB	7/5/11
Building 64G LPCA Monitoring	G11-64G-PC-13	7/24/11	Water	SGS	PCB	7/29/11
Building 64G LPCA Monitoring	G11-64G-PC-14	7/24/11	Water	SGS	PCB	7/29/11
Building 64G LPCA Monitoring	G11-64G-PC-15	7/24/11	Water	SGS	PCB	7/29/11
Building 64G LPCA Monitoring	G11-64G-PC-16	7/24/11	Water	SGS	PCB	7/29/11
Building 64G LPCA Monitoring	G11-64G-PC-17	7/24/11	Water	SGS	PCB	7/29/11
Building 64G Vapor Phase Carbon	64G-VPC-1	6/27/11	Carbon	SGS	PCB	7/18/2011
Building 64G Vapor Phase Carbon	64G-VPC-2	6/27/11	Carbon	SGS	TCLP - Excludes Pest, Herb.	7/18/2011
Roll-off Area Sweepings	Sweep-1	6/27/11	Soil	SGS	PCB	7/14/11
Roll-off Area Sweepings	Sweep-2	6/27/11	Soil	SGS	PCB	7/14/11
Roll-off Area Sweepings	Sweep-3	6/27/11	Soil	SGS	PCB	7/14/11
Roll-off Area Sweepings	Sweep-4	6/27/11	Soil	SGS	PCB	7/14/11
Routine Well Maintenance and Tool	DRUME2624	7/5/11	Water	SGS	PCB	7/14/11
Ambient Air Particulate Matter Sampling	ES2S-2R	7/1/2011	Air	Berkshire Environmental	Particulate Matter	7/5/2011
Ambient Air Particulate Matter Sampling	ES2S-33	7/1/2011	Air	Berkshire Environmental	Particulate Matter	7/5/2011
Ambient Air Particulate Matter Sampling	ES2S-6	7/1/2011	Air	Berkshire Environmental	Particulate Matter	7/5/2011
Ambient Air Particulate Matter Sampling	ES2S-7	7/1/2011	Air	Berkshire Environmental	Particulate Matter	7/5/2011
Ambient Air Particulate Matter Sampling	Background Location	7/1/2011	Air	Berkshire Environmental	Particulate Matter	7/5/2011
Ambient Air Particulate Matter Sampling	ES2S-2R	7/5/2011	Air	Berkshire Environmental	Particulate Matter	7/11/2011
Ambient Air Particulate Matter Sampling	ES2S-3	7/5/2011	Air	Berkshire Environmental	Particulate Matter	7/11/2011
Ambient Air Particulate Matter Sampling	ES2S-6	7/5/2011	Air	Berkshire Environmental	Particulate Matter	7/11/2011
Ambient Air Particulate Matter Sampling	ES2S-7	7/5/2011	Air	Berkshire Environmental	Particulate Matter	7/11/2011
Ambient Air Particulate Matter Sampling	Background Location	7/5/2011	Air	Berkshire Environmental	Particulate Matter	7/11/2011
Ambient Air Particulate Matter Sampling	ES2S-2R	7/6/2011	Air	Berkshire Environmental	Particulate Matter	7/11/2011
Ambient Air Particulate Matter Sampling	ES2S-3	7/6/2011	Air	Berkshire Environmental	Particulate Matter	7/11/2011
Ambient Air Particulate Matter Sampling	ES2S-6	7/6/2011	Air	Berkshire Environmental	Particulate Matter	7/11/2011
Ambient Air Particulate Matter Sampling	ES2S-7	7/6/2011	Air	Berkshire Environmental	Particulate Matter	7/11/2011
Ambient Air Particulate Matter Sampling	Background Location	7/6/2011	Air	Berkshire Environmental	Particulate Matter	7/11/2011
Ambient Air Particulate Matter Sampling	ES2S-2R	7/7/2011	Air	Berkshire Environmental	Particulate Matter	7/11/2011

**TABLE 2-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JULY 2011**

**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-3	7/7/2011	Air	Berkshire Environmental	Particulate Matter	7/11/2011
Ambient Air Particulate Matter Sampling	ES2S-6	7/7/2011	Air	Berkshire Environmental	Particulate Matter	7/11/2011
Ambient Air Particulate Matter Sampling	ES2S-7	7/7/2011	Air	Berkshire Environmental	Particulate Matter	7/11/2011
Ambient Air Particulate Matter Sampling	Background Location	7/7/2011	Air	Berkshire Environmental	Particulate Matter	7/11/2011
Ambient Air Particulate Matter Sampling	ES2S-2R	7/8/2011	Air	Berkshire Environmental	Particulate Matter	7/11/2011
Ambient Air Particulate Matter Sampling	ES2S-3	7/8/2011	Air	Berkshire Environmental	Particulate Matter	7/11/2011
Ambient Air Particulate Matter Sampling	ES2S-6	7/8/2011	Air	Berkshire Environmental	Particulate Matter	7/11/2011
Ambient Air Particulate Matter Sampling	ES2S-7	7/8/2011	Air	Berkshire Environmental	Particulate Matter	7/11/2011
Ambient Air Particulate Matter Sampling	Background Location	7/8/2011	Air	Berkshire Environmental	Particulate Matter	7/11/2011
Ambient Air Particulate Matter Sampling	ES2S-2R	7/11/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	ES2S-3	7/11/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	ES2S-6	7/11/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	ES2S-7	7/11/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	Background Location	7/11/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	ES2S-2R	7/12/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	ES2S-3	7/12/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	ES2S-6	7/12/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	ES2S-7	7/12/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	Background Location	7/12/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	ES2S-2R	7/13/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	ES2S-3	7/13/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	ES2S-6	7/13/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	ES2S-7	7/13/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	Background Location	7/13/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	ES2S-2R	7/14/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	ES2S-3	7/14/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	ES2S-6	7/14/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	ES2S-7	7/14/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	Background Location	7/14/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	ES2S-2R	7/15/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	ES2S-3	7/15/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	ES2S-6	7/15/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	ES2S-7	7/15/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	Background Location	7/15/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	ES2S-2R	7/18/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2S-3	7/18/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2S-6	7/18/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2S-7	7/18/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	Background Location	7/18/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2S-2R	7/19/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2S-3	7/19/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011

**TABLE 2-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JULY 2011**

**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-6	7/19/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2S-7	7/19/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	Background Location	7/19/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2S-2R	7/20/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2S-3	7/20/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2S-6	7/20/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2S-7	7/20/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	Background Location	7/20/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2S-2R	7/21/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2S-3	7/21/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2S-6	7/21/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2S-7	7/21/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	Background Location	7/21/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2S-2R	7/22/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2S-3	7/22/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2S-6	7/22/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2S-7	7/22/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	Background Location	7/22/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2S-2R	7/25/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2S-3	7/25/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2S-6	7/25/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2S-7	7/25/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	Background Location	7/25/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2S-2R	7/26/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2S-3	7/26/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2S-6	7/26/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2S-7	7/26/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	Background Location	7/26/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2S-2R	7/27/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2S-3	7/27/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2S-6	7/27/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2S-7	7/27/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	Background Location	7/27/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2S-2R	7/28/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2S-3	7/28/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2S-6	7/28/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2S-7	7/28/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	Background Location	7/28/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2S-2R	7/29/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2S-3	7/29/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2S-6	7/29/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011

**TABLE 2-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JULY 2011**

**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-7	7/29/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	Background Location	7/29/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
PCB Ambient Air Sampling	ES2S-2R	07/19/11-07/20/11	Air	NEA	PCB	7/25/2011
PCB Ambient Air Sampling	ES2S-2RCO (colocated)	07/19/11-07/20/11	Air	NEA	PCB	7/25/2011
PCB Ambient Air Sampling	ES2S-6	07/19/11-07/20/11	Air	NEA	PCB	7/25/2011
PCB Ambient Air Sampling	ES2S-7	07/19/11-07/20/11	Air	NEA	PCB	7/25/2011
PCB Ambient Air Sampling	Background - East of Building 9B	07/19/11-07/20/11	Air	NEA	PCB	7/25/2011

**TABLE 2-2  
DATA RECEIVED DURING JULY 2011**

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

Parameter	Sample ID: Date Collected:	F11-64G-01 06/26/11	F11-64G-02 06/26/11	F11-64G-03 06/26/11	F11-64G-04 06/26/11	F11-64G-05 06/26/11	F11-64G-06 06/26/11	F11-64G-07 06/26/11	F11-64G-08 06/26/11	F11-64G-PC-13 06/26/11	F11-64G-PC-14 06/26/11
<b>Volatile Organics</b>											
1,1,1-Trichloroethane		0.00049 J	0.00056 J	0.00056 J	0.00032 J	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane		0.0012	0.0017	0.0015	0.00093 J	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene		0.00068 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene		0.0055	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene		0.011	0.00032 J	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA	NA	NA
Benzene		0.019	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA	NA	NA
Chlorobenzene		0.0039	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA	NA	NA
Chloroethane		0.0010	0.00084 J	0.00097 J	0.00091 J	NA	NA	NA	NA	NA	NA
Chloroform		ND(0.0010)	0.00011 J	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA	NA	NA
Ethylbenzene		0.0040	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA	NA	NA
Toluene		0.00018 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene		0.00023 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA	NA	NA
Trichloroethene		0.00058 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA	NA	NA
Vinyl Chloride		0.0013	0.00084 J	0.00056 J	0.00039 J	NA	NA	NA	NA	NA	NA
<b>PCBs</b>											
Aroclor-1248		NA	NA	NA	NA	NA	NA	NA	NA	0.00041	0.000029
Aroclor-1254		NA	NA	NA	NA	NA	NA	NA	NA	0.0010	0.000019
Aroclor-1260		NA	NA	NA	NA	NA	NA	NA	NA	0.00047	ND(0.000015)
Total PCBs		NA	NA	NA	NA	NA	NA	NA	NA	0.00188	0.000048
<b>Semivolatile Organics</b>											
1,2,4-Trichlorobenzene		NA	NA	NA	NA	0.0011 J	ND(0.0047)	ND(0.0047)	ND(0.0047)	NA	NA
Acenaphthene		NA	NA	NA	NA	0.032	ND(0.0047)	ND(0.0047)	ND(0.0047)	NA	NA
Anthracene		NA	NA	NA	NA	0.0012 J	ND(0.0047)	ND(0.0047)	ND(0.0047)	NA	NA
Fluoranthene		NA	NA	NA	NA	0.0015 J	ND(0.0047)	ND(0.0047)	ND(0.0047)	NA	NA
Fluorene		NA	NA	NA	NA	0.0064	ND(0.0047)	ND(0.0047)	ND(0.0047)	NA	NA
Phenol		NA	NA	NA	NA	0.0044 J	ND(0.0047)	ND(0.0047)	ND(0.0047)	NA	NA
Pyrene		NA	NA	NA	NA	0.0017 J	ND(0.0047)	ND(0.0047)	ND(0.0047)	NA	NA

**TABLE 2-2  
DATA RECEIVED DURING JULY 2011**

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

Parameter	Sample ID: Date Collected:	F11-64G-PC-15 06/26/11	F11-64G-PC-16 06/26/11	F11-64G-PC-17 06/26/11	G11-64G-PC-13 07/24/11	G11-64G-PC-14 07/24/11	G11-64G-PC-15 07/24/11	G11-64G-PC-16 07/24/11	G11-64G-PC-17 07/24/11
<b>Volatile Organics</b>									
1,1,1-Trichloroethane		NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane		NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene		NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene		NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene		NA	NA	NA	NA	NA	NA	NA	NA
Benzene		NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene		NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane		NA	NA	NA	NA	NA	NA	NA	NA
Chloroform		NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene		NA	NA	NA	NA	NA	NA	NA	NA
Toluene		NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene		NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene		NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride		NA	NA	NA	NA	NA	NA	NA	NA
<b>PCBs</b>									
Aroclor-1248		ND(0.000015)	ND(0.000015)	0.0019	0.00016	0.000020	ND(0.000015)	ND(0.000015)	0.00044
Aroclor-1254		ND(0.000015)	ND(0.000015)	0.0057	0.00011	0.000013 J	ND(0.000015)	ND(0.000015)	0.0010
Aroclor-1260		ND(0.000015)	ND(0.000015)	0.0021	0.000048	ND(0.000015)	ND(0.000015)	ND(0.000015)	0.00065
Total PCBs		ND(0.000015)	ND(0.000015)	0.0097	0.000318	0.000033	ND(0.000015)	ND(0.000015)	0.00209
<b>Semivolatile Organics</b>									
1,2,4-Trichlorobenzene		NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene		NA	NA	NA	NA	NA	NA	NA	NA
Anthracene		NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene		NA	NA	NA	NA	NA	NA	NA	NA
Fluorene		NA	NA	NA	NA	NA	NA	NA	NA
Phenol		NA	NA	NA	NA	NA	NA	NA	NA
Pyrene		NA	NA	NA	NA	NA	NA	NA	NA

Notes:

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

Data Qualifiers:

Organics (volatiles, semivolatiles)

J - Indicates an estimated value between the method detection limit (MDL) and method reporting limit (MRL) - Columbia Analytical Services.

**TABLE 2-3  
PCB DATA RECEIVED DURING JULY 2011**

**ROLL-OFF AREA SWEEPINGS  
EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

<b>Sample ID</b>	<b>Date Collected</b>	<b>Aroclor-1016, 1221, -1232, -1242, -1248</b>	<b>Aroclor-1254</b>	<b>Aroclor-1260</b>	<b>Total PCBs</b>
Sweep-1	6/27/2011	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
Sweep-2	6/27/2011	ND(0.042)	0.24	0.45	0.69
Sweep-3	6/27/2011	ND(0.037)	0.25	0.47	0.72
Sweep-4	6/27/2011	ND(0.035)	0.12	0.17	0.29

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 parentheses is the associated detection limit.



**TABLE 2-4  
PCB DATA RECEIVED DURING JULY 2011**

**ROUTINE WELL MAINTENANCE AND TOOL CLEANING  
EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in parts per million, ppm)**

<b>Sample ID</b>	<b>Date Collected</b>	<b>Aroclor-1016, 1221, -1232, -1242</b>	<b>Aroclor-1248</b>	<b>Aroclor-1254</b>	<b>Aroclor-1260</b>	<b>Total PCBs</b>
DRUME2624	7/5/2011	ND(0.000068)	0.00028	0.00037	0.00011	0.00076

Notes:

1. Sample was 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 parentheses is the associated detection limit.

**TABLE 2-5  
PCB DATA RECEIVED DURING JULY 2011**

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

Sample ID	Date Collected	Aroclor-1016, 1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
64G-VPC-1	6/27/2011	ND(2.1)	13	ND(2.1)	13

Notes:

1. Sample was 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 parentheses is the associated detection limit.

**TABLE 2-6  
TCLP DATA RECEIVED DURING JULY 2011**

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

<b>Parameter</b>	<b>Sample ID: Sample Depth(Feet): Date Collected:</b>	<b>TCLP Regulatory Limits</b>	<b>64G-VPC-2 6/27/2011</b>
<b>Volatile Organics</b>			
1,1-Dichloroethene		0.7	ND(0.010)
1,2-Dichloroethane		0.5	ND(0.010)
1,4-Dichlorobenzene		7.5	0.017
2-Butanone		200	ND(0.25)
Benzene		0.5	0.024
Carbon Tetrachloride		0.5	ND(0.010)
Chlorobenzene		100	0.19
Chloroform		6	ND(0.010)
Tetrachloroethene		0.7	ND(0.010)
Trichloroethene		0.5	ND(0.010)
Vinyl Chloride		0.2	ND(0.010)
<b>Semivolatile Organics</b>			
1,4-Dichlorobenzene		7.5	0.018 J
2,4,5-Trichlorophenol		400	ND(0.050)
2,4,6-Trichlorophenol		2	ND(0.050)
2,4-Dinitrotoluene		0.13	ND(0.050)
2-Methylphenol		200	ND(0.050)
3&4-Methylphenol		200	ND(0.050)
Hexachlorobenzene		0.13	ND(0.050)
Hexachlorobutadiene		0.5	ND(0.050)
Hexachloroethane		3	ND(0.050)
Nitrobenzene		2	ND(0.050)
Pentachlorophenol		100	ND(0.050)
Pyridine		5	ND(0.050)
<b>Inorganics</b>			
Arsenic		5	ND(0.100)
Barium		100	0.643 B
Cadmium		1	0.0343 B
Chromium		5	0.0348 B
Lead		5	0.118
Mercury		0.2	0.000164 B
Selenium		1	0.0886 B
Silver		5	0.0593 B

Notes:

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

Data Qualifiers:

Organics (PCBs, volatiles, semivolatiles)

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

Inorganics

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

**TABLE 2-7  
 AMBIENT AIR PCB DATA RECEIVED DURING JULY 2011**

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

<b>Sampling Event Period</b>	<b>Date Analytical Results Received by Berkshire Environmental Consultants, Inc.</b>	<b>Field Blank (µg/PUF)</b>	<b>ES2S-2R (µg/m<sup>3</sup>)</b>	<b>ES2S-2RCO (colocated) (µg/m<sup>3</sup>)</b>	<b>ES2S-6 (µg/m<sup>3</sup>)</b>	<b>ES2S-7 (µg/m<sup>3</sup>)</b>	<b>Background - East of Building 9B (µg/m<sup>3</sup>)<sup>1</sup></b>
07/19/11-07/20/11	07/26/11	ND (<0.10)	0.0208	0.0218	0.0067	0.0077	0.0023
Notification Level			0.05	0.05	0.05	0.05	0.05

Notes:

ND - Non-Detect

<sup>1</sup> On 07/18/11, the background monitoring location (BK-3) was moved 120 feet north due to site activity in close proximity of the monitor. The monitoring location was renamed BK-3R.

**TABLE 2-8  
 AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING JULY 2011<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
07/01/11	ES2S-2R	0.007	0.006	10:45	NNW
	ES2S-3 <sup>3</sup>	0.027		7:30 <sup>4</sup>	
	ES2S-6	0.048		10:45	
	ES2S-7	0.004 *		11:00	
07/05/11	ES2S-2R	0.010	0.009	10:45	WNW
	ES2S-3	0.018		10:45	
	ES2S-6	0.014		10:45	
	ES2S-7	0.007 *		10:30	
07/06/11	ES2S-2R	0.013	0.012	10:45	WSW, SSW
	ES2S-3	0.023		10:45	
	ES2S-6	0.017		10:45	
	ES2S-7	0.011 *		10:30	
07/07/11	ES2S-2R	0.011	0.009	10:45	WNW
	ES2S-3	0.015		10:45	
	ES2S-6	0.011		10:45	
	ES2S-7	0.010 *		10:15	
07/08/11	ES2S-2R	0.015	0.012	10:45	ENE, ESE
	ES2S-3	0.016		10:45	
	ES2S-6	0.014		10:45	
	ES2S-7	0.016 *		10:30	
07/11/11	ES2S-2R	0.018	0.019	10:45	SSW
	ES2S-3	0.026		10:45	
	ES2S-6	0.022		10:45	
	ES2S-7	0.022 *		10:45	
07/12/11	ES2S-2R	0.022	0.015	10:45	WNW
	ES2S-3	0.020		10:45	
	ES2S-6	0.019		10:45	
	ES2S-7	0.019 *		10:15	
07/13/11	ES2S-2R	0.012	0.013	10:45	WNW
	ES2S-3	0.014		10:45	
	ES2S-6	0.030		10:45	
	ES2S-7	0.010 *		10:45	
07/14/11	ES2S-2R	0.004	0.005	10:45	NNW
	ES2S-3	0.008		10:45	
	ES2S-6	0.007		10:45	
	ES2S-7	0.003 *		10:30	
07/15/11	ES2S-2R	0.009	0.007	10:45	Variable
	ES2S-3	0.012		10:45	
	ES2S-6	0.008		10:45	
	ES2S-7	0.007 *		10:30	
07/18/11	ES2S-2R	0.023	0.020	10:45	WSW
	ES2S-3	0.024		10:45	
	ES2S-6	0.025		10:45	
	ES2S-7	0.019 *		11:00	
07/19/11	ES2S-2R	0.012	0.011	10:45	NNW
	ES2S-3	0.015		10:45	
	ES2S-6	0.012		10:45	
	ES2S-7	0.014 *		11:00	
07/20/11	ES2S-2R	0.019	0.019	10:45	SSW
	ES2S-3	0.023		10:45	
	ES2S-6	0.022		10:45	
	ES2S-7	0.024 *		10:45	
07/21/11	ES2S-2R	0.029	0.030	10:45	WSW
	ES2S-3	0.037		10:45	
	ES2S-6	0.036		10:45	
	ES2S-7	0.043 *		10:15	

**TABLE 2-8  
 AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING JULY 2011<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
07/22/11	ES2S-2R	0.021	0.015	10:45	WNW
	ES2S-3	0.022		10:45	
	ES2S-6	0.019		10:45	
	ES2S-7	0.018 *		11:00	
07/25/11	ES2S-2R	0.011	0.007	10:45	SSE
	ES2S-3	0.008		10:45	
	ES2S-6	0.011		10:45	
	ES2S-7	0.006 *		10:45	
07/26/11	ES2S-2R	0.010	0.008	8:45 <sup>5</sup>	WSW
	ES2S-3	0.014		9:15 <sup>5</sup>	
	ES2S-6	0.012		10:45	
	ES2S-7	0.011 *		10:45	
07/27/11	ES2S-2R	0.010	0.006	10:30	WNW
	ES2S-3	0.009		10:45	
	ES2S-6	0.010		10:45	
	ES2S-7	0.004 *		10:45	
07/28/11	ES2S-2R	0.008	0.008	10:45	Calm
	ES2S-3	0.011		10:45	
	ES2S-6	0.009		10:45	
	ES2S-7	0.005 *		10:15	
07/29/11	ES2S-2R	0.023	0.021	10:45	SSW
	ES2S-3	0.024		10:45	
	ES2S-6	0.024		10:45	
	ES2S-7	0.021 *		10:30	
Notification Level		0.120			

**Notes:**

All concentrations measured with an EBAM unless otherwise noted.

\* Measured with a DR-4000.

The background monitoring station was located east of Building 9B, between Building 9B and New York Avenue (BK-3) through July 18, 2011. The background monitor was relocated 120 feet north following sampling on July 18, 2011, due to site activities in close proximity to BK-3, and was renamed BK-3R.

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 date.

<sup>3</sup> Sampling location reinstated on 7/01/11 due to progression of site activities.

<sup>4</sup> Sampling period shortened due to late notice of site activity.

<sup>5</sup> Sampling period shortened due to a power failure resulting from an afternoon thunderstorm.

**ITEM 3  
PLANT AREA  
EAST STREET AREA 2-NORTH  
(GECD140)  
JULY 2011**

**a. Activities Undertaken/Completed**

- Continued discussions with PEDA relating to activities associated with future transfer of the former 19s Complex and Woodlawn Avenue to PEDA.
- Initiated various paving activities, including (i) paving of certain currently unpaved areas to allow them to be part of the Other Ground-Covering Feature Area under the ERE for East Street Area 2-North, (ii) installation of pavement over the slabs of former Buildings 3B and 7, and (iii) paving of areas where the need for pavement repairs were identified during the May 2011 post-remediation inspection.\*
- Performed July 2011 dry weather flow inspection activities associated with Drainage Basin 005 under GE's NPDES Permit.
- Collected and transferred approximately 136,500 gallons of water from Building 9 to the Building 64G Groundwater Treatment Facility for treatment.
- Collected and transferred approximately 30,000 gallons of pit water from Building 12Y to the Building 64G Groundwater Treatment Facility for treatment.
- Performed a chemical sweep and hazard inventory in the Building 9 and 10 Complexes, during which several small equipment items containing liquid were observed in Building 9. The equipment items were removed and the liquid was sampled for PCBs on July 14, 2011, as indicated in Table 3-1. Sampling results were received on July 18, 2011 and based on the results of such sampling, verbal notifications were made to EPA on July 19, 2011 pursuant to the TSCA Consent Agreement and Order (CAO). Further follow-up actions will be conducted, as discussed in Item 3.e below.
- Performed ambient air monitoring for particulate matter in conjunction with paving work, as indicated in Table 3-1.\*

**b. Sampling/Test Results Received**

See attached tables.

**ITEM 3  
(cont'd)  
PLANT AREA  
EAST STREET AREA 2-NORTH  
(GEC140)  
JULY 2011**

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

- Submitted letter to EPA providing relevant information related to soil removal/backfilling during certain pavement installation activities (July 6, 2011).\*
- Submitted letter to EPA providing notification of upcoming activities related to the disposition of debris associated with Building 14C (July 6, 2011).

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

- Following receipt of EPA's comments on the revised draft Final Completion Report (FCR) for East Street Area 2-North Removal Action, revise and finalize that FCR.\*
- Following receipt of comments from EPA and MDEP on the revised draft EREs for Woodlawn Avenue and the remainder of East Street Area 2-North and associated survey plans, revise and finalize those EREs and plans.\*
- Continue efforts to obtain the remaining necessary subordination agreements for those EREs from encumbrance holders.\*
- Continue discussions with PEDDA relating to activities associated with future transfer of the former 19s Complex and Woodlawn Avenue to PEDDA.
- Complete various paving activities in East Street Area 2-North, as described in Item 3.a above.\*
- Perform August 2011 dry weather flow inspection activities associated with Drainage Basin 005 under GE's NPDES Permit.
- Perform an inspection of the herbaceous vegetation planted in the embankment areas within the former 19s Complex where crushed building materials have been placed (scheduled for September 20, 2011).\*



**ITEM 3  
(cont'd)  
PLANT AREA  
EAST STREET AREA 2-NORTH  
(GEC140)  
JULY 2011**

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

- Awaiting review by EPA and MDEP of the revised draft EREs for Woodlawn Avenue and for remainder of East Street Area 2-North.\*
  
- As noted above, GE identified and removed several equipment items from Building 9 as part of routine pre-demolition activities in the Building 9 and 10 Complexes. The liquid contents of such items were sampled, and the results of such sampling were verbally reported to EPA on July 19, 2011. Based on that notification, as well as subsequent communications between GE and EPA, the formal written follow-up notification will be held in abeyance until the comprehensive pre-demolition work in the Building 9 and 10 Complexes has been completed. If, following completion of that work, additional equipment items requiring notification pursuant to the TSCA CAO are identified, such additional items will be identified, along with the original items (verbally reported on July 19, 2011), in the formal written follow-up report.

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

None

**TABLE 3-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JULY 2011**

**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>
Building 9 Equipment Liquid Sampling	Cap-1	7/14/11	Oil	SGS	PCB	7/18/11
Pittsfield Sand & Gravel Backfill Sampling	PSG-Gravel-C1	6/28/11	Soil	SGS	PCB, VOC, SVOC, Inorganics	7/8/11
Pittsfield Sand & Gravel Backfill Sampling	PSG-Topsoil-C1	6/28/11	Soil	SGS	PCB, VOC, SVOC, Inorganics	7/8/11
Ambient Air Particulate Matter Sampling	ES2N-8	7/13/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	ES2N-9	7/13/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	Background Location	7/13/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	ES2N-8	7/14/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	ES2N-9	7/14/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	Background Location	7/14/2011	Air	Berkshire Environmental	Particulate Matter	7/18/2011
Ambient Air Particulate Matter Sampling	ES2N-10	7/19/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2N-11	7/19/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	Background Location	7/19/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2N-5	7/21/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2N-6	7/21/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2N-7	7/21/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2N-11	7/21/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	Background Location	7/21/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2N-5	7/22/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2N-6	7/22/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2N-7	7/22/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2N-10	7/22/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2N-11	7/22/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	Background Location	7/22/2011	Air	Berkshire Environmental	Particulate Matter	7/25/2011
Ambient Air Particulate Matter Sampling	ES2N-5	7/25/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2N-6	7/25/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2N-7	7/25/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2N-10	7/25/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2N-11	7/25/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	Background Location	7/25/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2N-5	7/26/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2N-6	7/26/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2N-7	7/26/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2N-10	7/26/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	ES2N-11	7/26/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011
Ambient Air Particulate Matter Sampling	Background Location	7/26/2011	Air	Berkshire Environmental	Particulate Matter	8/1/2011

**TABLE 3-2  
DATA RECEIVED DURING JULY 2011**

**PITTSFIELD SAND & GRAVEL BACKFILL SAMPLING  
EAST STREET AREA 2 - NORTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Date Collected:	PSG-Gravel-C1 06/28/11	PSG-Topsoil-C1 06/28/11
<b>Volatile Organics</b>			
Methylene Chloride		ND(0.022)	0.0085 J
<b>PCBs</b>			
None Detected		--	--
<b>Semivolatile Organics</b>			
None Detected		--	--
<b>Inorganics</b>			
Arsenic		1.85	3.56
Barium		4.98 B	42.1
Beryllium		ND(0.897)	1.67
Cadmium		0.334 B	0.960
Chromium		1.64	16.2
Cobalt		1.22	10.3
Copper		2.95	19.4
Lead		2.20	13.4
Mercury		0.00649 B	0.0516
Nickel		4.05	18.4
Selenium		ND(1.79)	0.820 B
Silver		0.475 B	0.253 B
Vanadium		ND(4.48)	21.1
Zinc		27.0	59.7

Notes:

1. Samples were collected by ARCADIS and submitted to SGS Environmental Services, Inc. for analysis of PCBs, volatiles, semivolatiles and metals.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Only those constituents detected in one or more samples are summarized.
4. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics (PCBs, volatiles, semivolatiles)

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

Inorganics

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

**TABLE 3-3  
PCB DATA RECEIVED DURING JULY 2011**

**BUILDING 9 EQUIPMENT LIQUID SAMPLING  
EAST STREET AREA 2 - NORTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in parts per million, ppm)**

<b>Sample ID</b>	<b>Date Collected</b>	<b>Aroclor-1016, 1221, -1232, -1242, -1248</b>	<b>Aroclor-1254</b>	<b>Aroclor-1260</b>	<b>Total PCBs</b>
Cap-1	7/14/2011	ND(100000)	910000	ND(100000)	910000

Notes:

1. Sample was 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 parentheses is the associated detection limit.

**TABLE 3-4  
 AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING JULY 2011<sup>1</sup>**

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

Sampling Date <sup>2</sup>	Sampler Location <sup>3</sup>	Average Site Concentration (mg/m <sup>3</sup> )	Background Site Concentration (mg/m <sup>3</sup> )	Average Period (Hours:Min)	Predominant Wind Direction
07/13/11	ES2N-8	0.015	0.013	10:45	WNW
	ES2N-9	0.019		10:45	
07/14/11	ES2N-8	0.022	0.005	10:45	NNW
	ES2N-9	0.006		10:45	
07/19/11	ES2N-10	0.013 *	0.011	11:15	NNW
	ES2N-11	0.015 *		11:15	
07/21/11	ES2N-5	0.034	0.030	10:45	WSW
	ES2N-6	0.035		10:45	
	ES2N-7	0.056 *		11:15	
	ES2N-11	0.030 *		7:30 <sup>4</sup>	
07/22/11	ES2N-5	0.018	0.015	10:45	WNW
	ES2N-6	0.020		10:45	
	ES2N-7	0.026		10:30	
	ES2N-10 <sup>5</sup>	0.009 *		7:30 <sup>6</sup>	
	ES2N-11 <sup>5</sup>	0.025 *		2:45 <sup>6</sup>	
07/25/11	ES2N-5	0.011	0.007	10:45	SSE
	ES2N-6	0.017		10:45	
	ES2N-7	0.010		10:30	
	ES2N-10	0.010 *		10:30	
	ES2N-11	0.004 *		10:30	
07/26/11	ES2N-5	0.009	0.008	8:45 <sup>7</sup>	WSW
	ES2N-6	0.010		8:45 <sup>7</sup>	
	ES2N-7	0.016		10:30	
	ES2N-10	0.012 *		11:15	
	ES2N-11	0.007 *		11:30	
Notification Level		0.120			

**Notes:**

All concentrations measured with an EBAM unless otherwise noted.

\* Measured with a DR-4000.

The background monitoring station was located east of Building 9B, between Building 9B and New York Avenue (BK-3) through July 18, 2011. The background monitor was relocated 120 feet north following sampling on July 18, 2011, due to site activities in close proximity to BK-3, and was renamed BK-3R.

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 date.

<sup>3</sup> Monitoring locations are modified as necessary on a daily basis depending on the location of site activity and wind direction.

<sup>4</sup> Sampling period shortened due to late notice of site activity.

<sup>5</sup> Sampling location moved from ES2N-11 to ES2N-10 in response to a shift in wind direction.

<sup>6</sup> Sampling period shortened due to monitoring location change following a shift in wind direction.

<sup>7</sup> Sampling period shortened due to a power failure resulting from an afternoon thunderstorm.

**ITEM 5  
PLANT AREA  
HILL 78 & BUILDING 71 CONSOLIDATION AREAS  
(GEC210/220)  
JULY 2011**

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

**a. Activities Undertaken/Completed**

- Conducted ambient air monitoring for PCBs (July 13-14, 2011), as identified in Table 5-1.
- Conducted preliminary data review (PDR) of PCB analytical data for ambient air samples collected from the OPCA air monitors on July 13-14, 2011 (Table 5-3). 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.
- Performed summer 2011 inspection of natural resource restoration/enhancement (NRR/E) measures at Hill 78 OPCA (July 15, 2011).
- Conducted the Pre-Certification Inspection of the OPCAs on July 21, 2011.
- Received EPA’s comments on a revised (June 22, 2011) draft of the OPCA Final Completion Report (FCR), including the Revised Post Removal Site Control (PRSC) Plan (July 25, 2011).
- Note: The MDEP Commissioner signed the executed ERE for the OPCAs on July 29, 2011.

**b. Sampling/Test Results Received**

See attached tables.

**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 during the July 13-14, 2011 air monitoring event (July 29, 2011).

**ITEM 5  
(cont'd)  
PLANT AREA  
HILL 78 & BUILDING 71 CONSOLIDATION AREAS  
(GEC210/220)  
JULY 2011**

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

- Submit report on summer 2011 inspection of NRR/E measures at Hill 78 OPCA.
- Record the executed ERE and associated documents for the OPCAs.
- Submit a revised draft of the OPCA FCR, including the Revised PRSC Plan, to EPA in response to EPA's comments dated July 25, 2011.
- Following receipt of EPA's comments on the above revised draft, submit final version of the OPCA FCR, including the Revised PRSC Plan, to EPA for approval.

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

No issues.

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

None

**TABLE 5-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JULY 2011**

**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	07/13-07/14/11	Air	NEA	PCB	7/21/2011
PCB Ambient Air Sampling	West of OPCAs	07/13-07/14/11	Air	NEA	PCB	7/21/2011
PCB Ambient Air Sampling	West of OPCAs colocated	07/13-07/14/11	Air	NEA	PCB	7/21/2011
PCB Ambient Air Sampling	North of OPCAs	07/13-07/14/11	Air	NEA	PCB	7/21/2011
PCB Ambient Air Sampling	Southeast of OPCAs	07/13-07/14/11	Air	NEA	PCB	7/21/2011
PCB Ambient Air Sampling	Pittsfield Generating (PGE)	07/13-07/14/11	Air	NEA	PCB	7/21/2011
PCB Ambient Air Sampling	Background East of Building 9B	07/13-07/14/11	Air	NEA	PCB	7/21/2011



**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**  
**July 2011**

Month / Year	Total Volume of Leachate Transferred (Gallons)
July 2010	6,000
August 2010	6,000
September 2010	6,000
October 2010	6,000
November 2010	6,000
December 2010	0
January 2011	5,580
February 2011	5,800
March 2011	6,000
April 2011	0
May 2011	4,968
June 2011	4,100
July 2011	0

Note:

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

**TABLE 5-3**  
**SUMMARY OF 2011 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?
07/13/11 - 07/14/11	0.0009	0.0020	0.0015	0.0007	0.0005	0.0007	0.0011	PDR <sup>1</sup>
<b>Exceedances of Notification Level (0.05 µg/m<sup>3</sup>)</b>	None	None	None	None	None	None	None	

Notes:

1. All sampling activities performed by Berkshire Environmental Consultants, Inc. All analytical activities performed by Northeast Analytical, Inc. (A Division of PACE).
2. PDR - Preliminary Data Review

<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 sample recoveries, and surrogate recoveries.

**ITEM 6  
PLANT AREA  
HILL 78 AREA - REMAINDER  
(GECD160)  
JULY 2011**

**a. Activities Undertaken/Completed**

- Conducted the Pre-Certification Inspection of Hill 78 Area-Remainder on July 21, 2011.\*
- Note: The MDEP Commissioner signed the executed ERE for Hill 78 Area-Remainder on July 29, 2011.\*

**b. Sampling/Test Results Received**

None

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

None

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

- Record the executed ERE and associated documents for this area.\*
- Following recording of the ERE for this area, revise the last draft Final Completion Report (FCR) and submit that revised draft to EPA.\*
- Following receipt of EPA's comments on the above revised draft, submit final version of the FCR to EPA for approval.\*

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

No issues.

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

None

**ITEM 7  
PLANT AREA  
UNKAMET BROOK AREA  
(GECD170)  
JULY 2011**

**a. Activities Undertaken/Completed**

- Performed July 2011 dry weather flow inspection activities associated with Drainage Basin 005 under GE's NPDES Permit.
- Performed annual sampling activities at YD10 in accordance with GE's NPDES Permit, as indicated on Table 7-1.
- Continued coordination with General Dynamics regarding General Dynamics' excavation for construction of a new employee entrance structure on the west side of Building OP-2 adjacent to the Building OP-2 parking lot.
- Collected and transferred approximately 9,300 gallons of water from General Dynamics' west entrance excavation to the Building 64G Groundwater Treatment Facility for treatment.

**b. Sampling/Test Results Received**

See attached tables.

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

Submitted a letter to EPA providing notification of upcoming activities related to the demolition and disposition of debris associated with Buildings 52 and 53 (July 6, 2011).

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

- Conduct discussions with EPA regarding GE's interim draft design submittals for Unkamet Brook Area-Remainder.\*
- Continue to develop Final Removal Design/Removal Action (RD/RA) Work Plan for Unkamet Brook Area-Remainder.\*
- Upon receipt of comments from EPA and MDEP on the revised draft EREs for Parcels L12-1-5, L12-1-4, and L12-1-101 (provided to the Agencies on May 27, 2011), finalize those EREs.\*
- Continue efforts to obtain the necessary remaining subordination agreements for the EREs for Parcels L12-1-5 and L12-1-101.\*

**ITEM 7  
(cont'd)  
PLANT AREA  
UNKAMET BROOK AREA  
(GEC170)  
JULY 2011**

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

- Continue development of an ERE and survey plan for GE-owned Parcel K11-7-2 and begin work on requests for subordination agreements for that ERE.\*
- Perform August 2011 dry weather flow inspection activities associated with Drainage Basin 009 under GE's NPDES Permit.
- Continue to coordinate with General Dynamics in its construction of a new employee entrance structure on the west side of Building OP-2 adjacent to the Building OP-2 parking lot.

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

- Based on agreement between GE and EPA, the submittal date for the Final RD/RA Work Plan for Unkamet Brook Area-Remainder has been postponed, and GE has submitted various interim draft design submittals for that area to EPA for review and discussion.\*
- GE is awaiting comments from EPA and MDEP on the revised draft EREs for Parcels L12-1-5, L12-1-4, and L12-1-101 (provided to the Agencies on May 27, 2011).\*
- While preparation of an ERE and survey plan for GE-owned Parcel K11-7-2 has begun, it is anticipated that these documents will not be completed until after proposed excavations on that property by GE have been completed. It is also anticipated that subordination agreements for that ERE will not be obtained until that time.\*
- It is anticipated that the City of Pittsfield will draft an ERE for City-owned Parcel K11-7-9.\*

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

Received EPA's conditional approval of GE's Revised Final RD/RA Work Plan for Unkamet Brook Area-West (July 5, 2011).

**TABLE 7-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JULY 2011**

**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>
General Dynamics OP-2 Parking Lot Excavation	GW-1	6/28/11	Water	SGS	PCB, VOC, SVOC, Total RCRA 8 Metals	7/6/11
NPDES Related 2011 YD Outfall Sampling	YD-10-072511	7/25/11	Water	Columbia	Oil & Grease	
NPDES Related 2011 YD Outfall Sampling	YD-10-072511	7/25/11	Water	Columbia	TSS, Total Zinc	
NPDES Related 2011 YD Outfall Sampling	YD-10-072511	7/25/11	Water	SGS	PCB	

**TABLE 7-2  
DATA RECEIVED DURING JULY 2011**

**GENERAL DYNAMICS OP-2 PARKING LOT EXCAVATION  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in parts per million, ppm)**

Parameter	Sample ID: Date Collected:	GW-1 06/28/11
<b>Volatile Organics</b>		
None Detected		--
<b>PCBs-Unfiltered</b>		
Aroclor-1260		0.00094
Total PCBs		0.00094
<b>Semivolatile Organics</b>		
None Detected		--
<b>Inorganics-Unfiltered</b>		
Barium		0.201
Cadmium		0.00476 B
Chromium		0.00747 B
Lead		0.0201
Mercury		0.000217
Selenium		0.00637 B
Silver		0.00656 B

Notes:

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

Data Qualifiers:

Inorganics

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

**ITEM 8  
FORMER OXBOW AREAS A&C  
(GECD410)  
JULY 2011**

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

**a. Activities Undertaken/Completed**

None

**b. Sampling/Test Results Received**

None

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

None

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

Perform summer 2011 inspection of backfilled/restored areas and certain replanted trees (scheduled for September 13, 2011).

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

No issues.

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

None



**ITEM 9  
LYMAN STREET AREA  
(GEC430)  
JULY 2011**

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

**a. Activities Undertaken/Completed**

Performed summer 2011 inspection of natural resource restoration/enhancement (NRR/E) measures at Lyman Street parking lot area on Parcel I9-8-1 (July 15, 2011).

**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 July 15, 2011 inspection of NRR/E measures at Lyman Street parking lot area on Parcel I9-8-1.
- Perform summer 2011 inspection of engineered barriers, backfilled/restored areas, and certain replanted vegetation (scheduled for September 20, 2011).

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

No issues.

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

None

**ITEM 10  
NEWELL STREET AREA I  
(GEC440)  
JULY 2011**

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

**a. Activities Undertaken/Completed**

None

**b. Sampling/Test Results Received**

None

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

None

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

Perform summer 2011 inspection of engineered barriers and backfilled/restored areas (scheduled for August 16, 2011).

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

No issues.

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

None

**ITEM 11  
NEWELL STREET AREA II  
(GECD450)  
JULY 2011**

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

**a. Activities Undertaken/Completed**

Performed summer 2011 inspection of natural resource restoration/enhancement (NRR/E) measures at Newell Street parking lot area on Parcel J9-23-12 (July 15, 2011).

**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 July 15, 2011 inspection of NRR/E measures at Newell Street parking lot area on Parcel J9-23-12.
- Perform summer 2011 inspection of engineered barriers, backfilled/restored areas, and certain replanted vegetation (scheduled for August 18, 2011).

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

No issues.

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

None

**ITEM 12  
FORMER OXBOW AREAS J & K  
(GEC420)  
JULY 2011**

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

a. **Activities Undertaken/Completed**

None

b. **Sampling/Test Results Received**

None

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

None

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

Perform summer 2011 inspection of backfilled/restored areas and certain replanted vegetation (scheduled for September 22, 2011).

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 will continue efforts, as appropriate, to obtain a long-term access agreement for that property.

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

None

**ITEM 13  
HOUSATONIC RIVER AREA  
UPPER ½ MILE REACH  
(GEC800)  
JULY 2011**

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

a. **Activities Undertaken/Completed**

None

b. **Sampling/Test Results Received**

None

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

None

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

- Repair area of exposed geotextile liner observed in river channel during June 1, 2011 inspection of bank erosion and replace armor stone in that area.
- Perform 2011 inspection of aquatic structures and armor stone.

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  
(GECD820)  
JULY 2011**

**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 on July 26, 2011. 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.)
- GE performed summer 2011 inspection of the restored riverbank vegetation and certain non-riverbank vegetation (July 19, 2011).\*
- A follow-up inspection of certain critical ancillary items identified in EPA's Final Post-Removal Site Control Plan, as well as articulated concrete block (ACB) at the base of the retaining wall on Parcel I8-10-5 and the transition between the ACB and the adjacent riverbed riprap, was conducted by a registered professional engineer in late July 2011.\*

**b. Sampling/Test Results Received**

See attached tables.

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

None

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

- Continue Housatonic River water column monitoring.
- Submit trip report summarizing the performance and results of the summer 2011 inspection of the restored riverbank vegetation and certain non-riverbank vegetation (due by August 18, 2011).\*
- Submit supplemental report on the follow-up investigations of certain critical ancillary items and other non-vegetation items, conducted by a professional engineer on June 24 and in late July 2011.\*

**ITEM 14  
(cont'd)  
HOUSATONIC RIVER AREA  
1½ MILE REACH  
(GECD820)  
JULY 2011**

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

No issues.

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

None

**TABLE 14-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JULY 2011**

**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	7/26/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-4	6/29/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	7/15/11
Monthly Water Column Sampling	Location-6A	7/26/11	Water	NEA	PCB, TSS, VSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-6A	6/29/11	Water	NEA	PCB, TSS, VSS, POC, Chlorophyll-A	7/15/11



**TABLE 14-2  
SAMPLE DATA RECEIVED DURING JULY 2011**

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

Sample ID	Location	Date Collected	Aroclor-1016, 1232, -1242, -1254	Aroclor 1221	Aroclor 1248	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)	VSS
LOCATION-4	Lyman Street Bridge	06/29/11	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.91	10.4	0.00210	NA
LOCATION-6A	Pomeroy Ave. Bridge	06/29/11	ND(0.00000550)	0.0000200 PB	0.00000580 PE	0.00000620 AG	0.0000320	1.1	11.4	0.00200	2.79

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 parentheses is the associated detection limit.

Data Qualifiers:

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

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)**  
**JULY 2011**

**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 July 26, 2011. 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). 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.
- On GE's behalf, the Academy of Natural Sciences of Philadelphia (ANSP) worked on development of a report on its 2010 sampling of fish and benthic insects in the Connecticut portion of the Housatonic River.

**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.
- Continue development of ANSP report on 2010 sampling of fish and benthic insects in the Connecticut portion of the Housatonic River.
- Conduct inspection of Rising Pond Dam by professional engineer.\*

**ITEM 15**  
**(cont'd)**  
**HOUSATONIC RIVER AREA**  
**REST OF THE RIVER**  
**(GEC850)**  
**JULY 2011**

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

GE's Revised Corrective Measures Study Report, submitted in October 2010, is under EPA review.\*

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

None

**TABLE 15-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JULY 2011**

**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)	7/26/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	HR-D1 (Location-12)	6/29/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	7/15/11
Monthly Water Column Sampling	Location-1	6/29/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	7/15/11
Monthly Water Column Sampling	Location-1	7/26/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-10	6/29/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	7/15/11
Monthly Water Column Sampling	Location-10	7/26/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-12	7/26/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-12	6/29/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	7/15/11
Monthly Water Column Sampling	Location-13	6/29/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	7/15/11
Monthly Water Column Sampling	Location-13	7/26/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-2	7/26/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-2	6/29/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	7/15/11
Monthly Water Column Sampling	Location-7	6/29/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	7/15/11
Monthly Water Column Sampling	Location-7	7/26/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-9	7/26/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-9	6/29/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	7/15/11

**Note:**

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

**TABLE 15-2  
SAMPLE DATA RECEIVED DURING JULY 2011**

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

Sample ID	Location	Date Collected	Aroclor-1016, -1221, -1232, -1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-1	Hubbard Avenue Bridge	06/29/11	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.63	8.07	0.00210
LOCATION-2	Newell Street Bridge	06/29/11	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.87	11.1	0.00190
LOCATION-7	Holmes Road Bridge	06/29/11	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.78	20.0	0.00400
LOCATION-9	New Lenox Road Bridge	06/29/11	ND(0.0000220)	0.0000230 PE	0.0000370 AF	0.0000730 AG	0.000133	2.1	18.3	0.0040
LOCATION-10	Headwaters of Woods Pond	06/29/11	ND(0.0000220)	0.0000580 PE	0.0000720 AF	0.000140 AG	0.000270	1.3	14.5	0.00440
LOCATION-12	Schweitzer Bridge	06/29/11	ND(0.0000220)	0.0000260 PE	0.0000380 AF	0.0000730 AG	0.000137	0.45	11.6	0.00340
		06/29/11	[ND(0.0000220)]	[0.0000260 PE]	[0.0000440 AF]	[0.0000860 AG]	[0.000156]	[0.56]	[8.27]	[0.00340]
LOCATION-13	Division Street Bridge	06/29/11	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.0000340 AG	0.0000340	ND(0.063)	8.00	0.00230

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

**Data Qualifiers:**

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

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

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

**ITEMS 16 & 17  
HOUSATONIC RIVER FLOODPLAIN  
RESIDENTIAL AND NON-RESIDENTIAL  
PROPERTIES ADJACENT TO 1½-MILE REACH  
(GECD710 AND GECD720)  
JULY 2011**

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

**a. Activities Undertaken/Completed**

None

**b. Sampling/Test Results Received**

None

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

None

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

- Perform summer 2011 inspection of backfilled/restored areas and replanted tree at the Phase 2 Floodplain Properties (scheduled for September 14, 2011).
- Perform summer 2011 inspection of backfilled/restored areas at the Phase 3 Floodplain Properties (scheduled for September 14, 2011).
- Perform August/September 2011 inspection of backfilled/restored and re-vegetated areas at the Phase 4 (Group 4C) Floodplain Properties (scheduled for September 15, 2011).
- Perform annual invasive species inspection at the Phase 4 (Group 4C) Floodplain Properties.

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

No issues.

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

None

**ITEM 20  
OTHER AREAS  
SILVER LAKE AREA  
(GECD600)  
JULY 2011**

**a. Activities Undertaken/Completed**

- On GE's behalf, ARCADIS performed one round of water column monitoring at the Silver Lake Outfall on July 26, 2011, as noted in Table 20-1, and also obtained a gauge reading (see Item 21.a).
- GE continued discussions with EPA on issues relating to GE's further Revised Final RD/RA Work Plan in response to EPA's conditional approval letter issued on May 31, 2011.\*
- GE continued work on a Request for Proposal (RFP) to be sent to potential Remediation Contractors for the Silver Lake Area Removal Action.\*

**b. Sampling/Test Results Received**

See attached tables.

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

GE provided interim portions of the further Revised Final RD/RA Work Plan to EPA for review and discussion.\*

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

- Continue discussions with EPA on certain issues relating to the further Revised Final RD/RA Work Plan.\*
- Submit further Revised Final RD/RA Work Plan to EPA in response to EPA's May 31, 2011 conditional approval letter (see Item 20.f below).\*
- Continue development of an RFP for potential Remediation Contractors.\*
- Continue efforts to obtain access permission for performance of forthcoming remediation activities.\*
- Continue communications with EPA and other parties, as necessary, regarding a CD Modification to address the plantings to be installed on the northern bank of Silver Lake.\*

**ITEM 20  
(cont'd)  
OTHER AREAS  
SILVER LAKE AREA  
(GECD600)  
JULY 2011**

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

No issues.

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

EPA agreed to extend the date for submission of the further Revised Final RD/RA Work Plan to August 5, 2011.



**TABLE 20-1**  
**DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JULY 2011**  
**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	7/26/11	Water	NEA	PCB, TSS	
Monthly Water Column Sampling	Location-4A	6/29/11	Water	NEA	PCB, TSS	7/15/11

**TABLE 20-2  
SAMPLE DATA RECEIVED DURING JULY 2011**

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

Sample ID	Location	Date Collected	Aroclor-1016,-1232,-1248,-1254,-1260	Aroclor 1221	Aroclor 1242	Total PCBs	TSS
LOCATION-4A	Silver Lake Outlet	6/29/2011	ND(0.0000220)	0.000130 PB	0.0000350 PD	0.000165	1.98

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 parentheses is the associated detection limit.

Data Qualifiers:

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

PD - Aroclor 1242 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1242 is not present in the sample, but is reported to more accurately quantify PCBs present in a sample that has undergone environmental alteration.

**ITEM 21**  
**GROUNDWATER MANAGEMENT AREAS**  
**PLANT SITE 1 (GMA 1)**  
**(GECD310)**  
**JULY 2011**

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

**a. Activities Undertaken/Completed**

**General:**

- Conducted routine groundwater elevation monitoring and non-aqueous-phase-liquid (NAPL) monitoring/recovery activities, including quarterly monitoring round.
- Obtained gauge reading for flow calculation.
- Collected auger wipe samples from well drilling equipment used to install well GMA1-31, as indicated in Table 21-1.

**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 either the North Side Caisson or the South Side Caisson in July.
- Continued routine well monitoring and manual NAPL removal activities. Approximately 0.518 liter (0.137 gallon) of LNAPL was removed from this area during July.

**East Street Area 2-South:**

- Continued automated groundwater and LNAPL removal activities. A total of approximately 5,944,876 gallons of groundwater was recovered from pumping systems 64R, 64S, 64V, 64X, RW-1(S), RW-1(X), RW-2(X), and RW-4 during July. In addition, approximately 753 gallons of LNAPL were removed from pumping systems 17W, 64R, 64V, RW-1(S), RW-4, 64X, and 64S Caisson during July.
- Continued automated DNAPL removal activities. Approximately 18 gallons of DNAPL were removed from pumping system RW-3(X) during July.
- Continued routine well monitoring and manual NAPL removal activities. Approximately 22.146 liters (5.843 gallons) of LNAPL were removed from wells in this area during July. Approximately 4.905 liters (1.294 gallons) of DNAPL were removed from wells in this area during July.

**ITEM 21  
(cont'd)  
GROUNDWATER MANAGEMENT AREAS  
PLANT SITE 1 (GMA 1)  
(GEC310)  
JULY 2011**

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

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

- Treated/discharged approximately 6,710,049 gallons of water through Building 64G Groundwater Treatment Facility.
- Conducted maintenance activities at the following wells: HR-J1-RW-1 (installed new lock) and RF-1 (installed new J-plug and lock).

**East Street Area 2-North:**

- Continued well monitoring and NAPL removal activities. No LNAPL was removed from wells in this area in July.
- Replaced J-plug at well GMA1-4.

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

- Continued well monitoring and NAPL removal activities. No LNAPL was recovered from this area during July.
- Replaced J-plug, standpipe, and pad at well GMA1-12 in the former 30s Complex.

**Lyman Street Area:**

- Continued automated groundwater and NAPL removal activities. Approximately 168,188 gallons of groundwater were recovered from pumping systems RW-1R, RW-2, and RW-3 during July. Approximately 10 gallons of LNAPL were removed from the automated recovery systems during July.
- Continued routine well monitoring and manual NAPL removal activities. No LNAPL was removed from wells in this area during July. Approximately 0.846 liter (0.223 gallon) of DNAPL was removed from wells in this area during July.

**ITEM 21  
(cont'd)  
GROUNDWATER MANAGEMENT AREAS  
PLANT SITE 1 (GMA 1)  
(GECD310)  
JULY 2011**

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

**Newell Street Area II:**

- Continued automated DNAPL removal activities. No DNAPL was removed by System 2 in July.
- Continued routine well monitoring and manual NAPL removal activities. No LNAPL was removed from this area during July. Approximately 0.833 liter (0.220 gallon) of DNAPL was recovered from wells in this area during July.

**Newell Street Area I:**

- None

**Silver Lake Area:**

- Continued routine monitoring of lake level.

**b. Sampling/Test Results Received**

- See attached tables.
- Results received in July 2011 from an additional well sampled for groundwater quality in June 2011 (well GMA1-31) are shown in Table 21-2. These preliminary results have been compared to the Method 1 GW-2 groundwater standards, the Method 1 GW-3 groundwater standards, and the Upper Concentration Limits (UCLs) for groundwater, as set forth in the Massachusetts Contingency Plan (MCP). (Note that under this monitoring program, samples collected for analysis of PCBs are analyzed in filtered form only.) There were no exceedances of any of those groundwater standards or UCLs in the results from this groundwater sample.

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

Submitted the Spring 2011 Groundwater Monitoring Report (July 29, 2011).

**ITEM 21**  
**(cont'd)**  
**GROUNDWATER MANAGEMENT AREAS**  
**PLANT SITE 1 (GMA 1)**  
**(GEC310)**  
**JULY 2011**

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

- Continue routine groundwater and NAPL monitoring/recovery activities.
- Prepare and submit the Spring 2011 NAPL Monitoring Report (due to EPA on August 31, 2011).

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

No issues.

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

Proposed modifications to the GMA 1 NAPL monitoring program included in the Fall 2010 NAPL Monitoring Report, as well as an LNAPL volatilization assessment proposal (for East Street Area 1) contained in that report, are awaiting EPA approval.

**TABLE 21-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JULY 2011**

**GROUNDWATER MANAGEMENT AREA 1  
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>
Parratt-Wolff Auger Wipe Sampling	PWA-GMA1-31-W1	7/1/11	Wipe	SGS	PCB	7/12/11
Parratt-Wolff Auger Wipe Sampling	PWA-GMA1-31-W2	7/1/11	Wipe	SGS	PCB	7/12/11
Parratt-Wolff Auger Wipe Sampling	PWA-GMA1-31-W3	7/1/11	Wipe	SGS	PCB	7/12/11
Semi-Annual Groundwater Sampling	GMA1-31	6/27/11	Groundwater	SGS	PCB (f), VOC-Expanded	7/5/11

**TABLE 21-2  
DATA RECEIVED DURING JULY 2011**

**SEMI-ANNUAL GROUNDWATER SAMPLING  
GROUNDWATER MANAGEMENT AREA 1  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in parts per million, ppm)**

<b>Parameter</b>	<b>Sample ID: Date Collected:</b>	<b>GMA1-31 06/27/11</b>
<b>Volatile Organics</b>		
1,1-Dichloroethane		0.0011
Tetrachloroethene		0.00053 J
Trichloroethene		0.00073 J
Trichlorofluoromethane		0.00032 J
Vinyl Chloride		0.00030 J
Total VOCs		0.0030 J
<b>PCBs-Filtered</b>		
Total PCBs		ND(0.000062)

Notes:

1. Sample was collected by ARCADIS and submitted to SGS Environmental Services, Inc. for analysis of volatiles and PCBs (filtered).
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Only detected constituents are summarized.

Data Qualifiers:

Organics (volatiles, PCBs)

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



**TABLE 21-3  
PCB DATA RECEIVED DURING JULY 2011**

**PARRATT-WOLFF AUGER WIPE SAMPLING  
GROUNDWATER MANAGEMENT AREA 1  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in  $\mu\text{g}/100\text{cm}^2$ )**

<b>Sample ID</b>	<b>Date Collected</b>	<b>Aroclor-1016, -1221, -1232, -1242, -1248</b>	<b>Aroclor-1254</b>	<b>Aroclor-1260</b>	<b>Total PCBs</b>
PWA-GMA1-31-W1	7/1/2011	ND(1.0)	ND(1.0)	0.39 J	0.39 J
PWA-GMA1-31-W2	7/1/2011	ND(1.0)	ND(1.0)	3.6	3.6
PWA-GMA1-31-W3	7/1/2011	ND(1.0)	ND(1.0)	0.11 J	0.11 J

Notes:

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

Data Qualifiers:

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

**TABLE 21-4**  
**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**  
**July 2011**

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	July 2011 Removal (liters)
<b>GMA 1 - East Street Area 1 - South</b>						
72	7/19/2011	6.70	6.68	0.02	0.012	<b>0.012</b>
<b>GMA 1 - East Street Area 1 - North</b>						
105	7/19/2011	7.37	7.35	0.02	0.012	<b>0.012</b>
106	7/19/2011	8.90	8.10	0.80	0.494	<b>0.494</b>

**Total Manual LNAPL Removal for July 2011: 0.518 liters**  
**0.137 gallons**

Note:

1. ft BMP - feet Below Measuring Point.

**TABLE 21-5**  
**AUTOMATED LNAPL & GROUNDWATER RECOVERY SYSTEMS MONTHLY SUMMARY**  
**EAST STREET AREA 1 - NORTH & SOUTH**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**July 2011**

<b>Caisson</b>	<b>Month</b>	<b>Vol. LNAPL Collected (gallon)</b>	<b>Vol. Water Recovered (gallon)</b>	<b>Percent Downtime</b>
Northside	July 2010	0.0	9,600	
	August 2010	0.0	10,450	
	September 2010	0.0	6,650	
	October 2010	0.0	3,650	
	November 2010	0.0	5,150	
	December 2010	0.0	9,750	
	January 2011	0.0	19,050	
	February 2011	0.0	16,200	
	March 2011	0.0	67,750	5.71
	April 2011	0.0	25,050	
	May 2011	0.0	28,750	
	June 2011	0.0	26,750	
	July 2011	0.0	21,550	
Southside	July 2010	0.0	60,650	
	August 2010	0.0	57,480	
	September 2010	0.0	68,070	
	October 2010	0.0	40,452	
	November 2010	2.5	84,230	
	December 2010	0.0	103,880	
	January 2011	0.0	72,170	
	February 2011	0.0	63,652	
	March 2011	0.0	116,748	
	April 2011	0.0	89,650	
	May 2011	0.0	97,810	
	June 2011	0.0	105,830	
	July 2011	0.0	95,880	

**Note:**

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

**TABLE 21-6**  
**ROUTINE WELL MONITORING**  
**EAST STREET AREA 1 - NORTH & SOUTH**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**July 2011**

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>									
ESA1N-25	1,000.70	7/19/2011	6.58	---	0.00	---	17.20	0.00	994.12
105	1,002.85	7/19/2011	7.37	7.35	0.02	---	17.38	0.00	995.50
106	1,004.06	7/19/2011	8.90	8.10	0.80	---	17.60	0.00	995.90
107	1,003.86	7/19/2011	7.25	---	0.00	---	17.60	0.00	996.61
118	1,001.50	7/5/2011	3.54	---	0.00	---	8.24	0.00	997.96
118	1,001.50	7/12/2011	3.75	---	0.00	---	8.24	0.00	997.75
118	1,001.50	7/19/2011	4.01	---	0.00	---	8.24	0.00	997.49
118	1,001.50	7/27/2011	4.21	---	0.00	---	8.20	0.00	997.29
131	1,001.18	7/19/2011	Well is submerged under water				NA	NA	NA
140	1,000.62	7/19/2011	8.58	---	0.00	---	17.26	0.00	992.04
ES1-08	1,000.93	7/19/2011	5.50	---	0.00	---	13.70	0.00	995.43
North Caisson	997.84	7/7/2011	17.43	17.42	0.01	---	19.80	0.00	980.42
North Caisson	997.84	7/13/2011	18.51	18.14	0.37	---	19.80	0.00	979.67
North Caisson	997.84	7/20/2011	18.41	18.40	0.01	---	19.80	0.00	979.44
North Caisson	997.84	7/27/2011	18.30	18.29	0.01	---	19.80	0.00	979.55
<b>GMA 1 - East Street Area 1 - South</b>									
ESA1S-31R	1,000.23	7/19/2011	8.80	---	0.00	---	14.90	0.00	991.43
ESA1S-33	999.50	7/19/2011	5.38	---	0.00	---	21.04	0.00	994.12
ESA1S-34	999.90	7/19/2011	6.00	---	0.00	---	21.80	0.00	993.90
72	1,000.59	7/19/2011	6.70	6.68	0.02	---	22.44	0.00	993.91
72R	1,000.75	7/19/2011	6.30	---	0.00	---	13.05	0.00	994.45
75	1,000.65	7/19/2011	6.35	---	0.00	---	22.60	0.00	994.30
76	1,000.45	7/19/2011	6.80	6.79	0.01	---	22.84	0.00	993.66
ES1-13R	1,000.07	7/19/2011	6.32	---	0.00	---	13.90	0.00	993.75
South Caisson	1,001.11	7/7/2011	14.02	13.99	0.03	---	15.00	0.00	987.12
South Caisson	1,001.11	7/13/2011	14.00	13.96	0.04	---	15.00	0.00	987.15
South Caisson	1,001.11	7/20/2011	14.02	13.98	0.04	---	15.00	0.00	987.13
South Caisson	1,001.11	7/27/2011	13.99	13.95	0.04	---	15.00	0.00	987.16

Notes:

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

**TABLE 21-7**  
**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**  
**July 2011**

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
17W	July 2010	1		
	August 2010	1		
	September 2010	2		
	October 2010	1		
	November 2010	1		
	December 2010	1		
	January 2011	1		
	February 2011	1		
	March 2011	1		
	April 2011	0		
	May 2011	0		
	June 2011	1		
	July 2011	1		
	64R	July 2010	13	2,449
August 2010		0	234	
September 2010		0	78	
October 2010		0	74	
November 2010		0	756	
December 2010		0	58,709	
January 2011		0	13,863	
February 2011		0	165	
March 2011		0	409,404	
April 2011		0	396,903	
May 2011		75	883,487	
June 2011		100	972,532	
July 2011		75	866,512	
64S System	July 2010	13	192,941	
	August 2010	0	125,196	
	September 2010	25	135,731	
	October 2010	0	241,520	
	November 2010	0	53,364	
	December 2010	50	370,789	
	January 2011	0	379,311	
	February 2011	13	207,582	
	March 2011	625	1,231,933	
	April 2011	488	1,005,678	
	May 2011	463	1,431,499	
	June 2011	338	1,010,762	
	July 2011	445	808,035	
64V	July 2010	473	729,500	
	August 2010	308	635,100	
	September 2010	452	710,000	
	October 2010	488	671,500	
	November 2010	660	698,300	
	December 2010	693	946,200	
	January 2011	398	754,100	
	February 2011	191	673,700	
	March 2011	376	1,172,300	
	April 2011	303	984,300	
	May 2011	196	903,200	
	June 2011	166	1,070,100	3.3
	July 2011	158	863,400	

**TABLE 21-7**  
**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**  
**July 2011**

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64X	July 2010	123	417,600	
	August 2010	244	403,200	
	September 2010	80	489,600	
	October 2010	136	417,600	
	November 2010	12	403,200	
	December 2010	11	504,000	
	January 2011	77	417,600	
	February 2011	223	403,200	
	March 2011	65	504,000	
	April 2011	11	388,800	
	May 2011	2	417,600	
	June 2011	46	489,600	
	July 2011	16	403,200	
RW-2(X)	July 2010	0	836,449	
	August 2010	18	597,042	
	September 2010	0	650,874	
	October 2010	0	619,283	
	November 2010	0	597,254	
	December 2010	0	728,508	
	January 2011	0	613,128	
	February 2011	0	585,514	
	March 2011	0	814,728	
	April 2011	0	1,070,028	
	May 2011	24	1,390,746	
	June 2011	0	1,389,360	
	July 2011	0	1,073,204	
RW-1(S) <sup>1</sup>	July 2010	43	424,571	
	August 2010	66	354,852	
	September 2010	116	359,626	
	October 2010	96	368,039	
	November 2010	78	395,276	
	December 2010	72	565,709	
	January 2011	41	393,662	
	February 2011	39	325,872	
	March 2011	75	772,552	
	April 2011	30	673,970	
	May 2011	41	706,200	
	June 2011	66	644,586	
	July 2011	53	506,364	
RW-1(X)	July 2010	0	267,373	13.79
	August 2010	0	238,247	
	September 2010	0	265,356	
	October 2010	0	241,721	
	November 2010	4	235,547	
	December 2010	5	298,760	
	January 2011	0	202,061	
	February 2011	0	236,214	
	March 2011	0	349,375	
	April 2011	6	271,872	
	May 2011	0	355,090	
	June 2011	0	365,705	
	July 2011	0	348,337	

**TABLE 21-7  
 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  
 July 2011**

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
RW-4	July 2010	18.7	951,492	
	August 2010	43.8	940,327	
	September 2010	48.4	571,022	
	October 2010	49.9	1,140,980	
	November 2010	31.2	1,097,835	
	December 2010	24.9	1,371,656	
	January 2011	20.9	1,134,138	
	February 2011	22.9	1,075,578	
	March 2011	79	1,372,145	
	April 2011	15	1,064,090	
	May 2011	13	1,114,937	
	June 2011	10	1,248,651	
	July 2011	6	1,075,824	
	RW-3(X)	July 2010	36	
August 2010		32		
September 2010		55		
October 2010		8		
November 2010		16		
December 2010		17		
January 2011		30		
February 2011		25		
March 2011		46		
April 2011		20		
May 2011		37		
June 2011		19		
July 2011		18		

Summary of Total Automated Removal	
<b>Water:</b>	<b>5,944,876 Gallons</b>
<b>LNAPL:</b>	<b>753 Gallons</b>
<b>DNAPL:</b>	<b>18 Gallons</b>

Notes:

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

**TABLE 21-8  
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  
July 2011**

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	July 2011 Removal (liters)
<b>East Street Area 2 - South</b>						
13	7/12/2011	17.21	17.20	0.01	0.006	<b>0.006</b>
25R	7/5/2011	19.20	18.73	0.47	0.290	<b>1.734</b>
	7/11/2011	19.52	18.70	0.82	0.506	
	7/19/2011	19.80	19.02	0.78	0.481	
	7/27/2011	20.11	19.37	0.74	0.457	
48	7/12/2011	16.10	15.09	1.01	0.623	<b>0.623</b>
50	7/12/2011	10.00	9.75	0.25	0.154	<b>0.154</b>
95-04RR	7/12/2011	14.60	13.05	1.55	0.956	<b>0.956</b>
ES2-15R	7/5/2011	16.50	11.34	5.16	3.183	<b>10.167</b>
	7/12/2011	16.05	11.65	4.40	2.715	
	7/19/2011	15.84	12.06	3.78	2.332	
	7/27/2011	15.42	12.28	3.14	1.937	
GMA1-14	7/11/2011	16.92	16.91	0.01	0.006	<b>0.012</b>
	7/19/2011	17.26	17.25	0.01	0.006	
GMA1-15	7/5/2011	15.52	14.83	0.69	0.426	<b>1.548</b>
	7/11/2011	15.61	15.18	0.43	0.265	
	7/19/2011	16.20	15.47	0.73	0.450	
	7/27/2011	16.21	15.55	0.66	0.407	
GMA1-16	7/11/2011	11.65	11.63	0.02	0.012	<b>0.012</b>
GMA1-19	7/5/2011	11.00	10.80	0.20	0.123	<b>1.216</b>
	7/11/2011	11.41	11.20	0.21	0.130	
	7/19/2011	12.27	11.40	0.87	0.537	
	7/27/2011	12.09	11.40	0.69	0.426	
ESA2S-PZ-1	7/5/2011	12.05	11.70	0.35	0.216	<b>2.245</b>
	7/12/2011	12.90	11.94	0.96	0.592	
	7/19/2011	13.18	12.28	0.90	0.555	
	7/27/2011	13.68	12.25	1.43	0.882	
ESA2S-PZ-2	7/5/2011	11.43	11.02	0.41	0.253	<b>1.567</b>
	7/12/2011	11.95	11.34	0.61	0.376	
	7/19/2011	12.44	11.60	0.84	0.518	
	7/27/2011	12.32	11.65	0.67	0.420	
ESA2S-PZ-6	7/5/2011	13.09	13.02	0.07	0.043	<b>0.129</b>
	7/11/2011	13.35	13.33	0.02	0.012	
	7/19/2011	13.65	13.63	0.02	0.012	
	7/27/2011	13.72	13.62	0.10	0.062	
ESA2S-PZ-7	7/5/2011	13.54	12.75	0.79	0.487	<b>1.777</b>
	7/12/2011	13.70	13.05	0.65	0.401	
	7/19/2011	14.10	13.36	0.74	0.457	
	7/27/2011	14.10	13.40	0.70	0.432	

**Total LNAPL Removal East Street Area 2 - South for July 2011: 22.146 liters  
5.843 gallons**

**Total LNAPL Removal for July 2011: 22.146 liters  
5.843 gallons**

Note:

1. ft BMP - feet Below Measuring Point.



**TABLE 21-9**  
**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**  
**July 2011**

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	July 2011 Removal (liters)
<b>East Street Area 2 - South</b>						
E2SC-03I*	7/12/2011	9.40	38.10	7.14	4.405	<b>4.405</b>
ES2-17R	7/12/2011	12.28	20.35	0.81	0.500	<b>0.500</b>

**Total DNAPL Removal East Street Area 2 - South for July 2011: 4.905 liters**  
**1.294 gallons**

**Total DNAPL Removal for July 2011: 4.905 liters**  
**1.294 gallons**

Note:

1. ft BMP - feet Below Measuring Point.

**TABLE 21-10  
64G TREATMENT PLANT DISCHARGE DATA  
GROUNDWATER MANAGEMENT AREA 1  
CONSENT DECREE MONTHLY STATUS REPORT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
July 2011**

<b>Date</b>	<b>Housatonic River Discharge (gallons)</b>	<b>Recharge Pond Discharge (gallons)</b>	<b>Total Discharge (gallons)</b>
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
October 2010	3,666,440	167,594	3,834,034
November 2010	3,589,280	193,924	3,783,204
December 2010	4,148,310	137,854	4,286,164
January 2011	3,891,960	157,751	4,049,711
February 2011	3,285,680	141,166	3,426,846
March 2011	6,220,850	66,247	6,287,097
April 2011	6,817,250	122,552	6,939,802
May 2011	7,231,400	191,546	7,422,946
June 2011	6,220,140	216,594	6,436,734
July 2011	6,483,000	227,049	6,710,049

Note:

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

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

**CONSENT DECREE MONTHLY STATUS REPORT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
July 2011**

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>30's Complex</b>									
GMA1-29	989.72	7/20/2011	12.20	---	0.00	---	19.66	0.00	977.52
GMA1-31	NA	7/20/2011	12.45	---	0.00	---	19.92	0.00	NA
RF-02	983.29	7/20/2011	6.70	---	0.00	---	19.21	0.00	976.59
RF-03S	984.53	7/20/2011	8.62	---	0.00	---	14.95	0.00	975.91
RF-16R	986.37	7/20/2011	10.20	---	0.00	---	16.20	0.00	976.17
<b>East Street Area 2 - North</b>									
09-N	1,011.01	7/19/2011	Well paved over with asphalt				---	---	NA
19-N	1,010.68	7/19/2011	26.85	---	0.00	---	38.60	0.00	983.83
20-N	1,010.66	7/5/2011	26.10	---	0.00	---	38.05	0.00	984.56
20-N	1,010.66	7/12/2011	28.34	---	0.00	---	38.05	0.00	982.32
20-N	1,010.66	7/19/2011	26.84	---	0.00	---	38.04	0.00	983.82
20-N	1,010.66	7/27/2011	27.42	---	0.00	---	38.04	0.00	983.24
<b>East Street Area 2 - South</b>									
13	990.88	7/12/2011	17.21	17.20	0.01	---	22.82	0.00	973.68
14	991.61	7/12/2011	18.00	---	0.00	---	27.82	0.00	973.61
18R	985.27	7/5/2011	12.52	---	0.00	---	18.74	0.00	972.75
18R	985.27	7/11/2011	13.84	---	0.00	---	18.74	0.00	971.43
18R	985.27	7/19/2011	13.09	---	0.00	---	18.74	0.00	972.18
18R	985.27	7/27/2011	13.02	---	0.00	---	18.75	0.00	972.25
19R	985.30	7/5/2011	12.50	---	0.00	---	20.33	0.00	972.80
19R	985.30	7/11/2011	12.81	---	0.00	---	20.34	0.00	972.49
19R	985.30	7/19/2011	13.05	---	0.00	---	20.34	0.00	972.25
19R	985.30	7/27/2011	13.07	---	0.00	---	20.35	0.00	972.23
25R	997.47	7/5/2011	19.20	18.73	0.47	---	30.50	0.00	978.71
25R	997.47	7/11/2011	19.52	18.70	0.82	---	30.50	0.00	978.71
25R	997.47	7/19/2011	19.80	19.02	0.78	---	30.50	0.00	978.40
25R	997.47	7/27/2011	20.11	19.37	0.74	---	30.51	0.00	978.05
26RR	1,000.58	7/12/2011	19.20	---	0.00	---	28.30	0.00	981.38
28	991.72	7/12/2011	15.84	---	0.00	---	21.66	0.00	975.88
29	991.45	7/5/2011	17.22	---	0.00	---	21.44	0.00	974.23
29	991.45	7/12/2011	17.38	---	0.00	---	21.40	0.00	974.07
29	991.45	7/19/2011	17.63	---	0.00	---	21.41	0.00	973.82
29	991.45	7/27/2011	17.85	---	0.00	---	21.41	0.00	973.60
30	989.17	7/12/2011	11.20	---	0.00	---	22.43	0.00	977.97
37	980.37	7/12/2011	5.85	---	0.00	---	11.96	0.00	974.52
40R	991.60	7/11/2011	12.15	---	0.00	---	12.54	0.00	979.45
47	991.09	7/12/2011	17.03	17.01	0.02	---	23.05	0.00	974.08
48	988.79	7/12/2011	16.10	15.09	1.01	---	22.48	0.00	973.63
49R	988.62	7/11/2011	14.80	---	0.00	---	24.87	0.00	973.82
49RR	989.66	7/11/2011	16.18	---	0.00	---	23.20	0.00	973.48
50	985.79	7/12/2011	10.00	9.75	0.25	---	23.40	0.00	976.02
53	986.91	7/12/2011	14.09	---	0.00	---	25.48	0.00	972.82
55	985.97	7/12/2011	12.68	12.65	0.03	---	26.54	0.00	973.32
64R	993.37	7/7/2011	16.54	16.52	0.02	---	20.50	0.00	976.85
64R	993.37	7/13/2011	16.30	16.26	0.04	---	20.50	0.00	977.11
64R	993.37	7/20/2011	16.28	16.25	0.03	---	20.50	0.00	977.12
64R	993.37	7/27/2011	16.38	16.36	0.02	---	20.50	0.00	977.01
64S	984.48	7/7/2011	19.03	---	0.00	---	28.70	0.00	965.45
64S	984.48	7/13/2011	19.20	---	0.00	---	28.70	0.00	965.28
64S	984.48	7/20/2011	19.18	---	0.00	---	28.70	0.00	965.30
64S	984.48	7/27/2011	19.23	---	0.00	---	28.70	0.00	965.25
64S-Caisson	NA	7/7/2011	10.89	10.82	0.07	---	14.55	0.00	NA
64S-Caisson	NA	7/13/2011	10.96	10.79	0.17	---	14.55	0.00	NA
64S-Caisson	NA	7/20/2011	10.96	10.90	0.06	---	14.55	0.00	NA
64S-Caisson	NA	7/27/2011	10.80	10.77	0.03	---	14.55	0.00	NA
64V	987.29	7/7/2011	20.87	20.58	0.29	P	29.60	< 0.01	966.69
64V	987.29	7/13/2011	20.85	20.60	0.25	P	29.60	< 0.01	966.67
64V	987.29	7/20/2011	20.73	20.58	0.15	P	29.60	< 0.01	966.70
64V	987.29	7/27/2011	20.96	20.89	0.07	P	29.60	< 0.01	966.40

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

**CONSENT DECREE MONTHLY STATUS REPORT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
July 2011**

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
64X(N)	984.83	7/7/2011	11.46	11.44	0.02	---	15.85	0.00	973.39
64X(N)	984.83	7/13/2011	11.63	11.61	0.02	---	15.85	0.00	973.22
64X(N)	984.83	7/20/2011	11.69	11.68	0.01	---	15.85	0.00	973.15
64X(N)	984.83	7/27/2011	11.48	11.46	0.02	---	15.85	0.00	973.37
64X(S)	981.56	7/7/2011	15.84	15.73	0.11	---	23.82	0.00	965.82
64X(S)	981.56	7/13/2011	15.57	15.49	0.08	---	23.82	0.00	966.06
64X(S)	981.56	7/20/2011	11.67	11.58	0.09	---	23.82	0.00	969.97
64X(S)	981.56	7/27/2011	15.73	15.65	0.08	---	23.82	0.00	965.90
64X(W)	984.87	7/7/2011	18.34	18.32	0.02	---	24.35	0.00	966.55
64X(W)	984.87	7/13/2011	18.64	18.61	0.03	---	24.35	0.00	966.26
64X(W)	984.87	7/20/2011	18.71	18.69	0.02	---	24.35	0.00	966.18
64X(W)	984.87	7/27/2011	18.73	18.70	0.03	---	24.35	0.00	966.17
95-01R	986.21	7/11/2011	12.91	---	0.00	---	19.52	0.00	973.30
95-04RR	987.75	7/12/2011	14.60	13.05	1.55	---	19.63	0.00	974.59
3-6C-EB-22	986.94	7/11/2011	13.18	---	0.00	---	19.35	0.00	973.76
E2SC-03I*	982.12	7/12/2011	9.40	---	0.00	38.10	45.24	7.14	972.72
E2SC-06	986.00	7/12/2011	14.40	---	0.00	19.8	20.08	0.28	971.60
E2SC-23	992.07	7/11/2011	16.50	---	0.00	---	21.15	0.00	975.57
E2SC-24	987.90	7/11/2011	15.45	---	0.00	---	21.61	0.00	972.45
ES2-15R	986.20	7/5/2011	16.50	11.34	5.16	---	19.47	0.00	974.50
ES2-15R	986.20	7/12/2011	16.05	11.65	4.40	---	19.47	0.00	974.24
ES2-15R	986.20	7/19/2011	15.84	12.06	3.78	---	19.47	0.00	973.88
ES2-15R	986.20	7/27/2011	15.42	12.28	3.14	---	19.48	0.00	973.70
ES2-17R	986.01	7/12/2011	12.28	---	0.00	20.35	21.16	0.81	973.73
GMA1-14	997.43	7/5/2011	16.82	---	0.00	---	22.48	0.00	980.61
GMA1-14	997.43	7/11/2011	16.92	16.91	0.01	---	22.48	0.00	980.52
GMA1-14	997.43	7/19/2011	17.26	17.25	0.01	---	22.48	0.00	980.18
GMA1-14	997.43	7/27/2011	17.60	---	0.00	---	22.48	0.00	979.83
GMA1-15	988.59	7/5/2011	15.52	14.83	0.69	---	17.78	0.00	973.71
GMA1-15	988.59	7/11/2011	15.61	15.18	0.43	---	17.78	0.00	973.38
GMA1-15	988.59	7/19/2011	16.20	15.47	0.73	---	17.78	0.00	973.07
GMA1-15	988.59	7/27/2011	16.21	15.55	0.66	---	17.78	0.00	972.99
GMA1-16	986.65	7/11/2011	11.65	11.63	0.02	---	19.88	0.00	975.02
GMA1-17E	993.03	7/11/2011	14.00	---	0.00	---	17.30	0.00	979.03
GMA1-17W	992.63	7/7/2011	17.31	17.02	0.29	---	NM	0.00	975.59
GMA1-17W	992.63	7/13/2011	NM	NM	NM	NM	NM	NM	NM
GMA1-17W	992.63	7/20/2011	NM	NM	NM	NM	NM	NM	NM
GMA1-17W	992.63	7/27/2011	NM	NM	NM	NM	NM	NM	NM
GMA1-19	984.11	7/5/2011	11.00	10.80	0.20	---	17.14	0.00	973.30
GMA1-19	984.11	7/11/2011	11.41	11.20	0.21	---	17.14	0.00	972.90
GMA1-19	984.11	7/19/2011	12.27	11.40	0.87	---	17.14	0.00	972.65
GMA1-19	984.11	7/27/2011	12.09	11.40	0.69	---	17.14	0.00	972.66
GMA1-20R	984.31	7/5/2011	11.35	---	0.00	---	20.05	0.00	972.96
GMA1-20R	984.31	7/11/2011	11.65	---	0.00	---	20.06	0.00	972.66
GMA1-20R	984.31	7/19/2011	12.02	---	0.00	---	20.05	0.00	972.29
GMA1-20R	984.31	7/27/2011	11.96	---	0.00	---	20.05	0.00	972.35
GMA1-21	985.48	7/5/2011	12.30	---	0.00	---	19.55	0.00	973.18
GMA1-21	985.48	7/11/2011	12.68	---	0.00	---	19.54	0.00	972.80
GMA1-21	985.48	7/19/2011	13.00	---	0.00	---	19.55	0.00	972.48
GMA1-21	985.48	7/27/2011	13.00	---	0.00	---	19.56	0.00	972.48
GMA1-22	988.45	7/5/2011	14.45	---	0.00	---	19.15	0.00	974.00
GMA1-22	988.45	7/11/2011	14.82	---	0.00	---	19.15	0.00	973.63
GMA1-22	988.45	7/19/2011	15.20	---	0.00	---	19.15	0.00	973.25
GMA1-22	988.45	7/27/2011	15.83	---	0.00	---	19.15	0.00	972.62
GMA1-23R	985.67	7/5/2011	12.05	---	0.00	---	19.60	0.00	973.62
GMA1-23R	985.67	7/11/2011	12.32	---	0.00	---	19.60	0.00	973.35
GMA1-23R	985.67	7/19/2011	12.73	---	0.00	---	19.60	0.00	972.94
GMA1-23R	985.67	7/27/2011	12.40	---	0.00	---	19.60	0.00	973.27
GMA1-24R	985.40	7/5/2011	12.35	---	0.00	---	20.16	0.00	973.05
GMA1-24R	985.40	7/11/2011	12.70	---	0.00	---	20.15	0.00	972.70
GMA1-24R	985.40	7/19/2011	12.98	---	0.00	---	20.15	0.00	972.42
GMA1-24R	985.40	7/27/2011	12.92	---	0.00	---	20.16	0.00	972.48

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

**CONSENT DECREE MONTHLY STATUS REPORT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
July 2011**

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)
GMA1-30	985.45	7/11/2011	13.15	---	0.00	---	20.14	0.00	972.30
HR-G1-MW-1	982.01	7/11/2011	10.50	---	0.00	---	20.26	0.00	971.51
HR-G1-MW-2	980.23	7/11/2011	7.93	---	0.00	---	28.38	0.00	972.30
HR-G1-MW-3	980.21	7/11/2011	8.38	---	0.00	---	17.84	0.00	971.83
HR-G2-MW-1	982.60	7/11/2011	10.92	---	0.00	---	18.24	0.00	971.68
HR-G2-MW-2	981.39	7/11/2011	8.46	---	0.00	---	17.66	0.00	972.93
HR-G2-MW-3	987.14	7/11/2011	14.64	---	0.00	---	21.46	0.00	972.50
HR-G2-RW-1	976.88	7/11/2011	6.34	---	0.00	---	18.70	0.00	972.14
HR-G3-MW-1	982.45	7/11/2011	14.75	---	0.00	---	17.72	0.00	967.70
HR-G3-MW-2	987.88	7/11/2011	13.08	---	0.00	---	14.84	0.00	974.80
HR-G3-RW-1	977.78	7/11/2011	6.59	---	0.00	---	9.99	0.00	971.19
HR-J1-MW-1	985.95	7/11/2011	13.38	---	0.00	---	25.85	0.00	972.57
HR-J1-MW-2	983.40	7/11/2011	10.46	---	0.00	---	17.47	0.00	972.94
HR-J1-MW-3	987.68	7/11/2011	14.84	---	0.00	---	26.48	0.00	972.84
HR-J1-RW-1	975.05	7/11/2011	2.72	---	0.00	---	14.80	0.00	972.33
ESA2S-PZ-1	985.04	7/5/2011	12.05	11.70	0.35	---	23.78	0.00	973.32
ESA2S-PZ-1	985.04	7/12/2011	12.90	11.94	0.96	---	23.75	0.00	973.03
ESA2S-PZ-1	985.04	7/19/2011	13.18	12.28	0.90	---	23.76	0.00	972.70
ESA2S-PZ-1	985.04	7/27/2011	13.68	12.25	1.43	---	23.75	0.00	972.69
ESA2S-PZ-2	984.30	7/5/2011	11.43	11.02	0.41	---	22.18	0.00	973.25
ESA2S-PZ-2	984.30	7/12/2011	11.95	11.34	0.61	---	22.10	0.00	972.92
ESA2S-PZ-2	984.30	7/19/2011	12.44	11.60	0.84	---	22.18	0.00	972.64
ESA2S-PZ-2	984.30	7/27/2011	12.32	11.65	0.67	---	22.18	0.00	972.60
ESA2S-PZ-3	986.62	7/5/2011	13.44	---	0.00	---	24.40	0.00	973.18
ESA2S-PZ-3	986.62	7/11/2011	13.74	---	0.00	---	24.40	0.00	972.88
ESA2S-PZ-3	986.62	7/19/2011	14.04	---	0.00	---	24.40	0.00	972.58
ESA2S-PZ-3	986.62	7/27/2011	13.98	---	0.00	---	24.40	0.00	972.64
ESA2S-PZ-4	986.35	7/5/2011	13.35	---	0.00	---	25.10	0.00	973.00
ESA2S-PZ-4	986.35	7/11/2011	13.62	---	0.00	---	25.10	0.00	972.73
ESA2S-PZ-4	986.35	7/19/2011	13.97	---	0.00	---	25.10	0.00	972.38
ESA2S-PZ-4	986.35	7/27/2011	13.93	---	0.00	---	25.08	0.00	972.42
ESA2S-PZ-5	985.90	7/5/2011	12.84	---	0.00	---	25.83	0.00	973.06
ESA2S-PZ-5	985.90	7/11/2011	13.44	---	0.00	---	24.84	0.00	972.46
ESA2S-PZ-5	985.90	7/19/2011	14.47	---	0.00	---	24.84	0.00	971.43
ESA2S-PZ-5	985.90	7/27/2011	13.42	---	0.00	---	24.84	0.00	972.48
ESA2S-PZ-6	986.24	7/5/2011	13.09	13.02	0.07	---	22.10	0.00	973.22
ESA2S-PZ-6	986.24	7/11/2011	13.35	13.33	0.02	---	22.10	0.00	972.91
ESA2S-PZ-6	986.24	7/19/2011	13.65	13.63	0.02	---	22.10	0.00	972.61
ESA2S-PZ-6	986.24	7/27/2011	13.72	13.62	0.10	---	22.10	0.00	972.61
ESA2S-PZ-7	985.99	7/5/2011	13.54	12.75	0.79	---	25.01	0.00	973.18
ESA2S-PZ-7	985.99	7/12/2011	13.70	13.05	0.65	---	25.01	0.00	972.89
ESA2S-PZ-7	985.99	7/19/2011	14.10	13.36	0.74	---	25.01	0.00	972.58
ESA2S-PZ-7	985.99	7/27/2011	14.10	13.40	0.70	---	25.01	0.00	972.54
RW-1(S)	987.23	7/7/2011	17.32	17.28	0.04	---	28.60	0.00	969.95
RW-1(S)	987.23	7/13/2011	18.10	17.92	0.18	---	28.60	0.00	969.30
RW-1(S)	987.23	7/20/2011	18.02	17.88	0.14	---	28.60	0.00	969.34
RW-1(S)	987.23	7/27/2011	17.86	17.61	0.25	---	28.60	0.00	969.60
RW-1(X)	982.68	7/7/2011	14.21	13.97	0.24	---	20.80	0.00	968.69
RW-1(X)	982.68	7/13/2011	14.65	14.24	0.41	---	20.80	0.00	968.41
RW-1(X)	982.68	7/20/2011	14.02	13.61	0.41	---	20.80	0.00	969.04
RW-1(X)	982.68	7/27/2011	14.02	13.70	0.32	---	20.80	0.00	968.96
RW-2(X)	985.96	7/7/2011	15.24	---	0.00	---	22.80	0.00	970.72
RW-2(X)	985.96	7/13/2011	15.05	---	0.00	---	22.80	0.00	970.91
RW-2(X)	985.96	7/20/2011	16.42	---	0.00	---	22.80	0.00	969.54
RW-2(X)	985.96	7/27/2011	15.64	---	0.00	---	22.80	0.00	970.32
RW-3(X)	980.28	7/7/2011	8.18	---	0.00	43.74	44.40	0.66	972.10
RW-3(X)	980.28	7/13/2011	8.62	---	0.00	43.22	44.40	1.18	971.66
RW-3(X)	980.28	7/20/2011	8.70	---	0.00	44.03	44.40	0.37	971.58
RW-3(X)	980.28	7/27/2011	8.64	---	0.00	44.00	44.40	0.40	971.64
RW-4	987.44	7/7/2011	19.48	19.18	0.30	---	29.05	0.00	968.24
RW-4	987.44	7/13/2011	19.92	19.35	0.57	---	29.05	0.00	968.05
RW-4	987.44	7/20/2011	19.86	19.71	0.15	---	29.05	0.00	967.72
RW-4	987.44	7/27/2011	19.46	19.32	0.14	---	29.05	0.00	968.11
TMP-1	990.70	7/11/2011	16.60	---	0.00	---	19.35	0.00	974.10

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

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
July 2011**

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	7/5/2011	19.36	See Note 7 regarding depth to water					971.37
SG-HR-1	990.73	7/12/2011	19.30	See Note 7 regarding depth to water					971.43
SG-HR-1	990.73	7/20/2011	19.82	See Note 7 regarding depth to water					970.91
SG-HR-1	990.73	7/25/2011	19.40	See Note 7 regarding depth to water					971.33

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 21-12**  
**ACTIVE RECOVERY SYSTEMS MONTHLY SUMMARY**  
**LYMAN STREET AREA**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**July 2011**

<b>Month / Year</b>	<b>Volume Water Pumped (gallon)</b>	<b>RW-1R LNAPL Recovered (gallon)</b>	<b>RW-3 LNAPL Recovered (gallon)</b>
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	--	--
October 2010	128,585	--	--
November 2010	128,881	--	--
December 2010	180,517	--	--
January 2011	146,433	--	--
February 2011	127,311	--	--
March 2011	296,067	--	--
April 2011	242,238	--	--
May 2011	228,211	--	5
June 2011	225,630	--	11
July 2011	168,188	--	10

**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.

**TABLE 21-13**  
**MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL**  
**LYMAN STREET AREA**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**July 2011**

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	July 2011 Removal (liters)
LS-31	7/25/2011	15.90	24.92	0.54	0.333	<b>0.333</b>
LSSC-07	7/5/2011	10.50	24.90	0.18	0.111	<b>0.475</b>
	7/12/2011	10.80	24.90	0.18	0.111	
	7/19/2011	10.96	24.85	0.23	0.142	
	7/25/2011	11.03	24.90	0.18	0.111	
LSSC-08I	7/12/2011	12.28	23.20	0.03	0.019	<b>0.038</b>
	7/25/2011	12.45	23.20	0.03	0.019	

**Total Manual DNAPL Removal for July 2011: 0.846 liters**  
**0.223 gallons**

Note:

1. ft BMP - feet Below Measuring Point.



**TABLE 21-14**  
**ROUTINE WELL MONITORING**  
**LYMAN STREET AREA**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**July 2011**

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	7/25/2011	12.70	---	0.00	---	22.65	0.00	970.34
LS-12	985.49	7/25/2011	15.00	---	0.00	---	27.43	0.00	970.49
LS-24	986.58	7/25/2011	18.10	---	0.00	---	19.39	0.00	968.48
LS-30	986.44	7/25/2011	15.60	---	0.00	23.82	23.94	0.12	970.84
LS-31	987.09	7/25/2011	15.90	---	0.00	24.92	25.46	0.54	971.19
LS-34	985.79	7/25/2011	15.15	---	0.00	29.50	29.72	0.22	970.64
LS-38	986.95	7/25/2011	16.83	---	0.00	---	26.05	0.00	970.12
LS-38S	987.82	7/25/2011	16.84	---	0.00	---	18.10	0.00	970.98
LS-43R	981.19	7/25/2011	10.15	---	0.00	---	25.01	0.00	971.04
LS-44	980.78	7/25/2011	9.55	---	0.00	---	19.96	0.00	971.23
LSSC-07	982.47	7/5/2011	10.50	---	0.00	24.90	25.08	0.18	971.97
LSSC-07	982.47	7/12/2011	10.80	---	0.00	24.90	25.08	0.18	971.67
LSSC-07	982.47	7/19/2011	10.96	---	0.00	24.85	25.08	0.23	971.51
LSSC-07	982.47	7/25/2011	11.03	---	0.00	24.90	25.08	0.18	971.44
LSSC-08I	983.13	7/5/2011	12.08	---	0.00	---	23.23	0.00	971.05
LSSC-08I	983.13	7/12/2011	12.28	---	0.00	23.20	23.23	0.03	970.85
LSSC-08I	983.13	7/19/2011	12.52	---	0.00	---	23.22	0.00	970.61
LSSC-08I	983.13	7/25/2011	12.45	---	0.00	23.20	23.23	0.03	970.68
LSSC-08S	983.11	7/25/2011	12.85	---	0.00	---	14.66	0.00	970.26
LSSC-09	985.06	7/25/2011	15.06	---	0.00	---	21.60	0.00	970.00
LSSC-16I	980.84	7/25/2011	9.37	---	0.00	---	28.52	0.00	971.47
LSSC-18	987.32	7/25/2011	18.54	---	0.00	---	22.49	0.00	968.78
LSSC-32	980.69	7/25/2011	9.80	---	0.00	---	35.32	0.00	970.89
LSSC-33	980.57	7/25/2011	9.70	---	0.00	---	29.23	0.00	970.87
LSSC-34I	984.74	7/25/2011	15.68	---	0.00	---	30.72	0.00	969.06
RW-1 (R)	985.07	7/7/2011	17.46	P	< 0.01	P	21.65	< 0.01	967.61
RW-1 (R)	985.07	7/13/2011	17.65	P	< 0.01	P	21.65	< 0.01	967.42
RW-1 (R)	985.07	7/20/2011	17.86	P	< 0.01	P	21.65	< 0.01	967.21
RW-1 (R)	985.07	7/27/2011	17.79	P	< 0.01	P	21.65	< 0.01	967.28
RW-2	985.92	7/7/2011	17.18	---	0.00	---	24.70	0.00	968.74
RW-2	985.92	7/13/2011	17.95	---	0.00	---	24.70	0.00	967.97
RW-2	985.92	7/20/2011	17.92	---	0.00	---	24.70	0.00	968.00
RW-2	985.92	7/27/2011	17.64	---	0.00	---	24.70	0.00	968.28
RW-3	984.08	7/7/2011	15.34	15.20	0.14	---	22.70	0.00	968.87
RW-3	984.08	7/13/2011	15.34	15.22	0.12	---	22.70	0.00	968.85
RW-3	984.08	7/20/2011	15.23	15.20	0.03	---	22.70	0.00	968.88
RW-3	984.08	7/27/2011	15.36	15.32	0.04	---	22.70	0.00	968.76
<b>Housatonic River (Lyman Street Bridge)</b>									
BM-2A	986.32	7/5/2011	16.28	See Note 4 regarding depth to water					970.04
BM-2A	986.32	7/12/2011	16.20	See Note 4 regarding depth to water					970.12
BM-2A	986.32	7/20/2011	16.41	See Note 4 regarding depth to water					969.91
BM-2A	986.32	7/25/2011	16.31	See Note 4 regarding depth to water					970.01

**Notes:**

1. ft BMP - feet Below Measuring Point.
2. --- indicates NAPL was not present in a measurable quantity.
3. P indicates that NAPL is present at a thickness that is < 0.01 feet, the corresponding thickness is recorded as such.
4. A survey reference point (BM-2A) was established on the Lyman Street Bridge. The "Depth to Water" value(s) provided in the above table refer to the vertical distance from the surveyed reference point to the water surface.

**TABLE 21-15**  
**ACTIVE DNAPL RECOVERY SYSTEMS MONTHLY SUMMARY**  
**NEWELL STREET AREA II**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**July 2011**

Recovery System	Date	Total Gallons Recovered
System 2(1)	July 2010	16.2
	August 2010	20.0
	September 2010	16.0
	October 2010	16.0
	November 2010	16.0
	December 2010	0.0
	January 2011	0.0
	February 2011	0.0
	March 2011	25.0
	April 2011	0.0
	May 2011	13.0
	June 2011	0.0
	July 2011	0.0
<b>Total Automated DNAPL Removal for July 2011:</b>		0.0

Note:

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

**TABLE 21-16**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GROUNDWATER MANAGEMENT AREA 1 - NEWELL STREET AREA II**  
**MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL**  
**July 2011**

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	July 2011 Removal (liters)
N2SC-07	7/25/2011	10.53	35.85	0.03	0.019	<b>0.019</b>
N2SC-08	7/25/2011	11.15	39.58	1.26	0.777	<b>0.777</b>
NS-30	7/25/2011	10.55	35.05	0.06	0.037	<b>0.037</b>

**Total DNAPL Removal for July 2011: 0.833 liters**  
**0.220 gallons**

Note:

1. ft BMP - feet Below Measuring Point.

**TABLE 21-17**  
**ROUTINE WELL MONITORING**  
**NEWELL STREET AREA II**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**July 2011**

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)
MW-1D	987.20	7/25/2011	13.84	---	0.00	---	38.74	0.00	973.36
MW-1S	986.60	7/25/2011	13.92	---	0.00	---	22.38	0.00	972.68
N2SC-01I	984.99	7/25/2011	12.11	---	0.00	37.20	40.28	3.08	972.88
N2SC-01I(R)	984.34	7/7/2011	15.00	NM	NM	40.88	42.60	1.72	969.34
N2SC-01I(R)	984.34	7/13/2011	15.38	NM	NM	40.83	42.60	1.77	968.96
N2SC-01I(R)	984.34	7/20/2011	15.41	NM	NM	40.84	42.60	1.76	968.93
N2SC-01I(R)	984.34	7/27/2011	15.63	NM	NM	40.81	42.60	1.79	968.71
N2SC-02	983.18	7/25/2011	11.20	---	0.00	---	38.15	0.00	971.98
N2SC-03I	982.97	7/25/2011	10.60	---	0.00	36.95	37.63	0.68	972.37
N2SC-03I(R)	985.86	7/7/2011	13.10	NM	NM	39.81	41.10	1.29	972.76
N2SC-03I(R)	985.86	7/13/2011	13.52	NM	NM	39.62	41.10	1.48	972.34
N2SC-03I(R)	985.86	7/20/2011	13.40	NM	NM	39.61	41.10	1.49	972.46
N2SC-03I(R)	985.86	7/27/2011	13.56	NM	NM	39.82	41.10	1.28	972.30
N2SC-07	984.61	7/25/2011	10.53	---	0.00	35.85	35.88	0.03	974.08
N2SC-08	986.07	7/25/2011	11.15	---	0.00	39.58	40.84	1.26	974.92
N2SC-14	986.66	7/7/2011	12.89	NM	NM	38.59	40.00	1.41	973.77
N2SC-14	986.66	7/13/2011	14.30	NM	NM	38.31	40.00	1.69	972.36
N2SC-14	986.66	7/20/2011	14.37	NM	NM	38.29	40.00	1.71	972.29
N2SC-14	986.66	7/27/2011	14.42	NM	NM	38.40	40.00	1.60	972.24
NS-9R	983.46	7/25/2011	11.92	---	0.00	---	16.56	0.00	971.54
NS-10	984.59	7/25/2011	13.24	13.20	0.04	---	21.61	0.00	971.39
NS-30	985.99	7/25/2011	10.55	---	0.00	35.05	35.11	0.06	975.44
NS-32	986.20	7/25/2011	11.55	---	0.00	38.00	38.04	0.04	974.65

Notes:

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

**TABLE 21-18**  
**ROUTINE WELL MONITORING**  
**SILVER LAKE AREA**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**July 2011**

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	980.14	7/5/2011	4.40						975.74
BM-SL-5	980.14	7/12/2011	4.48						975.66
BM-SL-5	980.14	7/20/2011	4.58						975.56
BM-SL-5	980.14	7/25/2011	4.32						975.82

Notes:

1. ft BMP - feet Below Measuring Point.
2. 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.
3. 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 21-19  
SILVER LAKE OUTLET CALCULATED DISCHARGE  
SILVER LAKE AREA  
GROUNDWATER MANAGEMENT AREA 1**

**CONSENT DECREE MONTHLY STATUS REPORT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
July 2011**

<b>Date</b>	<b>Gauge Measurement (ft)</b>	<b>Calculated Flow (cfs)</b>
7/26/2011	2.78	7.43

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)  
JULY 2011**

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

**a. Activities Undertaken/Completed**

Conducted 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.
- Prepare and submit the Spring 2011 Monitoring Event Evaluation Report (due to EPA on August 8, 2011 – see Item 22.e below).

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

- GE will confirm property access prior to decommissioning monitoring well OJ-MW-1.
- The Spring 2011 Monitoring Event Evaluation Report is required to be submitted within 60 days of receipt of the final laboratory data packages from the Spring 2011 sampling event. These data packages were received on June 7, 2011, which would have resulted in a due date of August 6, 2011. However, since that date is a Saturday, the actual due date will be Monday August 8, 2011.

**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**  
**July 2011**

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-1R	989.82	7/25/2011	16.94	See Note 3 regarding depth to water					972.88

Notes:

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



**ITEM 23**  
**GROUNDWATER MANAGEMENT AREAS**  
**PLANT SITE 2 (GMA 3)**  
**(GECD330)**  
**JULY 2011**

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

**a. Activities Undertaken/Completed**

- Conducted routine groundwater elevation and NAPL monitoring activities, including quarterly monitoring round. Approximately 1.1 gallons of LNAPL were removed by the automatic skimmer located in well 51-21, and approximately 0.2 gallon of LNAPL was removed by the automatic skimmer located in well GMA3-17 (see Table 23-1). An additional 0.890 liter (0.235 gallon) of LNAPL was manually removed from the wells in this area during July (see Table 23-2).
- Conducted maintenance activities at the following wells: 16A (installed new J-plug and lock); 16B-R (re-labeled well identification); 51-14 (installed new bolts, washers, and lock); 51-17 (installed new J-plug and lock); 51-19 (installed new J-plug); 59-07 (installed new J-plug and lock); and GMA3-10 (installed new bolts, washers, and lock).

**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 well maintenance and/or survey activities identified during the Spring 2011 monitoring event on properties where GE has access permission (see Item 23.e below).
- Prepare and submit the Spring 2011 Groundwater/NAPL Monitoring Report (due to EPA on August 31, 2011).

**ITEM 23  
(cont'd)  
GROUNDWATER MANAGEMENT AREAS  
PLANT SITE 2 (GMA 3)  
(GECD330)  
JULY 2011**

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

GE's existing license from the U.S. Navy allowing GE access to the Navy property (Parcel L12-2-2) for performance of groundwater investigations has expired. On March 29, 2011, GE sent a letter to the Navy requesting reissuance of an access license for that purpose. Until that license is received, GE will not be able to perform groundwater monitoring or maintenance activities at wells GMA3-5 and OBG-2, which are located on Parcel L12-2-2.

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

None

**TABLE 23-1**  
**AUTOMATED LNAPL RECOVERY SYSTEMS MONTHLY SUMMARY**  
**GROUNDWATER MANAGEMENT AREA 3**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**July 2011**

Recovery Well	Month	Vol. LNAPL Collected (gallons)
51-21	July 2010	23.1
	August 2010	35.2
	September 2010	74.5
	October 2010	25.1
	November 2010	9.1
	December 2010	5.3
	January 2011	7.2
	February 2011	13.4
	March 2011	4.8
	April 2011	1.5
	May 2011	0.3
	June 2011	0.3
	July 2011	1.1
GMA3-17	July 2010	0.2
	August 2010	0.5
	September 2010	0.0
	October 2010	5.4
	November 2010	8.9
	December 2010	4.3
	January 2011	0.8
	February 2011	2.5
	March 2011	2.4
	April 2011	1.6
	May 2011	2.0
	June 2011	2.3
	July 2011	0.2

**TABLE 23-2**  
**MEASUREMENT AND REMOVAL OF RECOVERABLE LNAPL**  
**GROUNDWATER MANAGEMENT AREA 3**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**July 2011**

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	July 2011 Removal (liters)
59-03R	7/18/2011	11.43	10.95	0.48	0.296	<b>0.296</b>
GMA3-10	7/18/2011	11.03	10.65	0.38	0.234	<b>0.481</b>
	7/27/2011	11.30	10.90	0.40	0.247	
GMA3-13	7/27/2011	11.12	11.09	0.03	0.019	<b>0.019</b>
UB-PZ-3	7/18/2011	11.80	11.53	0.27	0.094	<b>0.094</b>

**Total LNAPL Removed for July 2011: 0.890 liters**  
**0.235 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  
July 2011**

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	996.38	7/18/2011	9.62	---	0.00	---	10.48	0.00	986.76
51-06	997.32	7/18/2011	10.20	---	0.00	---	14.24	0.00	987.12
51-07	997.18	7/18/2011	10.97	---	0.00	---	12.96	0.00	986.21
51-08	997.18	7/5/2011	10.36	10.20	0.16	---	14.60	0.00	986.97
51-08	997.18	7/12/2011	10.45	10.36	0.09	---	14.60	0.00	986.81
51-08	997.08	7/18/2011	10.63	10.50	0.13	---	14.60	0.00	986.57
51-08	997.08	7/27/2011	10.81	10.73	0.08	---	14.60	0.00	986.34
51-09	997.66	7/18/2011	10.15	---	0.00	---	14.62	0.00	987.51
51-11	994.39	7/18/2011	8.18	---	0.00	---	13.56	0.00	986.21
51-12	996.56	7/18/2011	7.20	---	0.00	---	13.34	0.00	989.36
51-13	997.29	7/18/2011	10.90	---	0.00	---	13.75	0.00	986.39
51-14	996.64	7/18/2011	10.20	---	0.00	---	14.46	0.00	986.44
51-15	996.46	7/18/2011	9.86	---	0.00	---	14.30	0.00	986.60
51-16R	996.44	7/18/2011	9.90	9.80	0.10	---	14.50	0.00	986.63
51-17	996.27	7/18/2011	9.80	9.78	0.02	---	14.48	0.00	986.49
51-18	997.26	7/18/2011	10.65	---	0.00	---	12.54	0.00	986.61
51-19	996.46	7/18/2011	10.03	10.00	0.03	---	13.85	0.00	986.46
51-21	1,001.43	7/7/2011	14.77	---	0.00	---	NM	0.00	986.66
51-21	1,001.43	7/13/2011	14.90	P	< 0.01	---	NM	0.00	986.53
51-21	1,001.43	7/20/2011	14.86	P	< 0.01	---	NM	0.00	986.57
51-21	1,001.43	7/27/2011	15.02	15.00	0.02	---	NM	0.00	986.43
59-01	997.54	7/18/2011	10.85	---	0.00	---	18.10	0.00	986.69
59-03R	997.65	7/18/2011	11.43	10.95	0.48	---	17.05	0.00	986.67
59-07	997.80	7/18/2011	11.23	11.20	0.03	---	23.42	0.00	986.60
078B-R	988.73	7/18/2011	2.60	---	0.00	---	11.74	0.00	986.13
GMA3-7	1,000.36	7/18/2011	13.30	---	0.00	---	19.77	0.00	987.06
GMA3-10	997.52	7/5/2011	10.49	10.40	0.09	---	17.66	0.00	987.11
GMA3-10	997.52	7/12/2011	10.66	10.46	0.20	---	17.65	0.00	987.05
GMA3-10	997.52	7/18/2011	11.03	10.65	0.38	---	17.65	0.00	986.84
GMA3-10	997.52	7/27/2011	11.30	10.90	0.40	---	17.65	0.00	986.59
GMA3-11	997.25	7/18/2011	10.03	---	0.00	---	17.89	0.00	987.22
GMA3-12	997.85	7/5/2011	10.82	10.80	0.02	---	21.17	0.00	987.05
GMA3-12	997.85	7/12/2011	10.94	10.91	0.03	---	21.18	0.00	986.94
GMA3-12	997.85	7/18/2011	10.98	10.94	0.04	---	21.17	0.00	986.91
GMA3-12	997.85	7/27/2011	11.37	11.33	0.04	---	21.15	0.00	986.52
GMA3-13	997.71	7/5/2011	10.50	---	0.00	---	17.35	0.00	987.21
GMA3-13	997.71	7/12/2011	10.64	---	0.00	---	17.35	0.00	987.07
GMA3-13	997.71	7/18/2011	10.84	---	0.00	---	17.37	0.00	986.87
GMA3-13	997.71	7/27/2011	11.12	11.09	0.03	---	17.35	0.00	986.62
GMA3-14	997.42	7/18/2011	10.45	---	0.00	---	16.20	0.00	986.97
GMA3-15	996.74	7/18/2011	11.18	---	0.00	---	17.18	0.00	985.56
GMA3-16	989.17	7/18/2011	2.98	---	0.00	---	12.20	0.00	986.19
GMA3-17	1,003.17	7/7/2011	16.64	P	< 0.01	---	NM	0.00	986.53
GMA3-17	1,003.17	7/13/2011	16.73	---	0.00	---	NM	0.00	986.44
GMA3-17	1,003.17	7/20/2011	16.70	16.64	0.06	---	NM	0.00	986.53
GMA3-17	1,003.17	7/27/2011	16.94	P	< 0.01	---	NM	0.00	986.23
UB-MW-10	996.03	7/18/2011	9.25	---	0.00	---	14.10	0.00	986.78
UB-PZ-3	998.22	7/18/2011	11.80	11.53	0.27	---	13.54	0.00	986.67

**Notes:**

1. ft BMP - feet Below Measuring Point.
2. --- indicates NAPL was not present in a measurable quantity.
3. NM indicates information not measured.
4. P indicates that NAPL is present at a thickness that is < 0.01 feet, the corresponding thickness is recorded as such.
5. 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)  
(GECD340)  
JULY 2011**

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

**a. Activities Undertaken/Completed**

- Conducted quarterly groundwater elevation and NAPL monitoring activities at well GMA4-3.
- Conducted maintenance activities at the following wells: GMA4-3 (installed bolts, washers, and bolt gaskets) and UB-MW-5 (installed J-plug, bolts, washers, and bolt gaskets).

**b. Sampling/Test Results Received**

See attached table.

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

None

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

- Conduct well maintenance and/or survey activities identified during the Spring 2011 monitoring event.
- Prepare and submit the Spring 2011 GMA 4 Groundwater Monitoring Report (due to EPA on August 31, 2011).

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

The Spring 2011 groundwater sampling conducted at this GMA consisted of sampling solely at the OPCA monitoring wells. Although GE submitted a proposal for a separate OPCA Post-Closure Groundwater Monitoring Program in January 2011, that proposal was not conditionally approved by EPA until June 2, 2011. As a result, the Spring 2011 groundwater sampling event was conducted and will be reported under the GMA 4 Interim Groundwater Quality Monitoring Program. The separate OPCA Post-Closure Groundwater Monitoring Program will be initiated in Fall 2011.

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

None

**TABLE 24-1**  
**ROUTINE WELL MONITORING**  
**GROUNDWATER MANAGEMENT AREA 4**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**July 2011**

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA4-3	1,004.36	7/18/2011	17.11	---	0.00	---	26.32	0.00	987.25

Notes:

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



**Attachment A**

NPDES Sampling Records  
and Results – July 2011



**TABLE A-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JULY 2011**

**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	005-3Q1M-1X-CP	7/5/11	Water	SGS	PCB	7/13/11
NPDES Sampling	005-3Q1M-1X-CT	7/5/11	Water	Columbia	TSS	7/14/11
NPDES Sampling	005-3Q1M-1X-GO	7/5/11	Water	Columbia	Oil & Grease	7/14/11
NPDES Sampling	005-3Q1M-2X-CP	7/11/11	Water	SGS	PCB	7/18/11
NPDES Sampling	005-3Q1M-2X-CT	7/11/11	Water	Columbia	TSS	7/22/11
NPDES Sampling	005-3Q1M-2X-GO	7/11/11	Water	Columbia	Oil & Grease	7/22/11
NPDES Sampling	005W-3Q-1X-CP	7/3/11	Water	SGS	PCB	7/13/11
NPDES Sampling	005W-3Q-1X-CT	7/3/11	Water	Columbia	TSS	7/14/11
NPDES Sampling	005W-3Q-1X-GO	7/3/11	Water	Columbia	Oil & Grease	7/14/11
NPDES Sampling	005W-3Q-2X-CP	7/6/11	Water	SGS	PCB	7/15/11
NPDES Sampling	005W-3Q-2X-CT	7/6/11	Water	Columbia	TSS	7/22/11
NPDES Sampling	005W-3Q-3X-CP	7/25/11	Water	SGS	PCB	
NPDES Sampling	005W-3Q-3X-CT	7/25/11	Water	Columbia	TSS	
NPDES Sampling	006W-3Q-1X-CP	7/3/11	Water	SGS	PCB	7/13/11
NPDES Sampling	006W-3Q-1X-CT	7/3/11	Water	Columbia	TSS	7/14/11
NPDES Sampling	006W-3Q-1X-CT	7/25/11	Water	Columbia	TSS	
NPDES Sampling	006W-3Q-1X-GO	7/3/11	Water	Columbia	Oil & Grease	7/14/11
NPDES Sampling	006W-3Q-2X-CP	7/6/11	Water	SGS	PCB	7/15/11
NPDES Sampling	006W-3Q-2X-CT	7/6/11	Water	Columbia	TSS	7/22/11
NPDES Sampling	006W-3Q-3X-CP	7/25/11	Water	SGS	PCB	
NPDES Sampling	009W-3Q-1X-CP	7/3/11	Water	SGS	PCB	7/13/11
NPDES Sampling	009W-3Q-1X-CT	7/3/11	Water	Columbia	TSS	7/14/11
NPDES Sampling	009W-3Q-1X-GO	7/3/11	Water	Columbia	Oil & Grease	7/14/11
NPDES Sampling	009W-3Q-2X-CP	7/25/11	Water	SGS	PCB	
NPDES Sampling	009W-3Q-2X-CT	7/25/11	Water	Columbia	TSS	
NPDES Sampling	05AW-3Q-1X-CP	7/3/11	Water	SGS	PCB	7/13/11
NPDES Sampling	05AW-3Q-1X-CT	7/3/11	Water	Columbia	TSS	7/14/11
NPDES Sampling	05AW-3Q-1X-GO	7/3/11	Water	Columbia	Oil & Grease	7/14/11
NPDES Sampling	05AW-3Q-2X-CP	7/6/11	Water	SGS	PCB	7/15/11
NPDES Sampling	05AW-3Q-2X-CT	7/6/11	Water	Columbia	TSS	7/22/11
NPDES Sampling	05AW-3Q-3X-CP	7/25/11	Water	SGS	PCB	
NPDES Sampling	05AW-3Q-3X-CT	7/25/11	Water	Columbia	TSS	
NPDES Sampling	05BW-3Q-1X-CP	7/25/11	Water	SGS	PCB	
NPDES Sampling	05BW-3Q-1X-CT	7/25/11	Water	Columbia	TSS	
NPDES Sampling	05BW-3Q-1X-GO	7/25/11	Water	Columbia	Oil & Grease	
NPDES Sampling	06AW-3Q-1X-CP	7/25/11	Water	SGS	PCB	
NPDES Sampling	06AW-3Q-1X-CT	7/25/11	Water	Columbia	TSS	
NPDES Sampling	06AW-3Q-1X-GO	7/6/11	Water	Columbia	Oil & Grease	7/22/11
NPDES Sampling	09B-3Q-1X-CP	7/4/11	Water	SGS	PCB	7/13/11

**TABLE A-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JULY 2011**

**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	09B-3Q-1X-CT	7/4/11	Water	Columbia	TSS	7/14/11
NPDES Sampling	09B-3Q-1X-GO	7/3/11	Water	Columbia	Oil & Grease	7/14/11
NPDES Sampling	64G-3Q1M-1X-CP	7/5/11	Water	SGS	PCB	7/13/11
NPDES Sampling	64G-3Q1M-1X-CT	7/5/11	Water	Columbia	TSS	7/14/11
NPDES Sampling	64G-3Q1M-1X-GO	7/5/11	Water	Columbia	Oil & Grease	7/14/11
NPDES Sampling	64G-3Q1M-1X-GS	7/5/11	Water	Columbia	SVOC	7/14/11
NPDES Sampling	64G-3Q1M-1X-GV	7/5/11	Water	Columbia	VOC	7/14/11
NPDES Sampling	64G-3Q1M-2X-CP	7/11/11	Water	SGS	PCB	7/18/11
NPDES Sampling	64G-3Q1M-2X-CT	7/11/11	Water	Columbia	TSS	7/22/11
NPDES Sampling	64G-3Q1M-2X-GO	7/11/11	Water	Columbia	Oil & Grease	7/22/11
NPDES Sampling	64G-3Q1M-2X-GS	7/11/11	Water	Columbia	SVOC	7/22/11
NPDES Sampling	64G-3Q1M-2X-GV	7/11/11	Water	Columbia	VOC	7/22/11

**TABLE A-2  
DATA RECEIVED DURING JULY 2011**

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

Parameter	Sample ID: Date Collected:	005-3Q1M-1X-CP 07/05/11	005-3Q1M-1X-CT 07/05/11	005-3Q1M-1X-GO 07/05/11	005-3Q1M-2X-CP 07/11/11	005-3Q1M-2X-CT 07/11/11	005-3Q1M-2X-GO 07/11/11
<b>Volatile Organics</b>							
1,1-Dichloroethane		NA	NA	NA	NA	NA	NA
Chloroethane		NA	NA	NA	NA	NA	NA
<b>PCBs-Unfiltered</b>							
Aroclor-1248		ND(0.000016)	NA	NA	ND(0.000016)	NA	NA
Aroclor-1254		0.000019	NA	NA	0.000012 J <sup>2</sup>	NA	NA
Aroclor-1260		ND(0.000016)	NA	NA	ND(0.000016)	NA	NA
Total PCBs		0.000019	NA	NA	0.000012 J <sup>2</sup>	NA	NA
<b>Semivolatile Organics</b>							
None Detected		NA	NA	NA	NA	NA	NA
<b>Conventional</b>							
Oil & Grease		NA	NA	ND(3.9)	NA	NA	ND(4.1)
Total Suspended Solids		NA	ND(1.00)	NA	NA	ND(1.00)	NA

TABLE A-2  
DATA RECEIVED DURING JULY 2011

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

Parameter	Sample ID: Date Collected:	05AW-3Q-1X-CP 07/03/11	05AW-3Q-1X-CT 07/03/11	05AW-3Q-1X-GO 07/03/11	05AW-3Q-2X-CP 07/06/11	05AW-3Q-2X-CT 07/06/11	005W-3Q-1X-CP 07/03/11	005W-3Q-1X-CT 07/03/11
<b>Volatile Organics</b>								
1,1-Dichloroethane		NA	NA	NA	NA	NA	NA	NA
Chloroethane		NA	NA	NA	NA	NA	NA	NA
<b>PCBs-Unfiltered</b>								
Aroclor-1248		0.00012 J <sup>2</sup>	NA	NA	ND(0.00031)	NA	0.000034	NA
Aroclor-1254		ND(0.00016)	NA	NA	0.0011	NA	ND(0.000016)	NA
Aroclor-1260		0.0019	NA	NA	0.0036	NA	0.00018	NA
Total PCBs		0.00202	NA	NA	0.0047	NA	0.000214	NA
<b>Semivolatile Organics</b>								
None Detected		NA	NA	NA	NA	NA	NA	NA
<b>Conventional</b>								
Oil & Grease		NA	NA	ND(4.4)	NA	NA	NA	NA
Total Suspended Solids		NA	10.9	NA	NA	52.7	NA	ND(1.00)

TABLE A-2  
DATA RECEIVED DURING JULY 2011

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

Parameter	Sample ID: Date Collected:	005W-3Q-1X-GO 07/03/11	005W-3Q-2X-CP 07/06/11	005W-3Q-2X-CT 07/06/11	06AW-3Q-1X-GO 07/06/11	006W-3Q-1X-CP 07/03/11	006W-3Q-1X-CT 07/03/11
<b>Volatile Organics</b>							
1,1-Dichloroethane		NA	NA	NA	NA	NA	NA
Chloroethane		NA	NA	NA	NA	NA	NA
<b>PCBs-Unfiltered</b>							
Aroclor-1248		NA	ND(0.000016)	NA	NA	0.000053	NA
Aroclor-1254		NA	0.000057	NA	NA	ND(0.000016)	NA
Aroclor-1260		NA	0.00010	NA	NA	0.00026	NA
Total PCBs		NA	0.000157	NA	NA	0.000313	NA
<b>Semivolatile Organics</b>							
None Detected		NA	NA	NA	NA	NA	NA
<b>Conventional</b>							
Oil & Grease		ND(4.1)	NA	NA	ND(4.2)	NA	NA
Total Suspended Solids		NA	NA	ND(1.00)	NA	NA	17.9

**TABLE A-2  
DATA RECEIVED DURING JULY 2011**

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

Parameter	Sample ID: Date Collected:	006W-3Q-1X-GO 07/03/11	006W-3Q-2X-CP 07/06/11	006W-3Q-2X-CT 07/06/11	09B-3Q-1X-CP 07/04/11	09B-3Q-1X-CT 07/04/11	09B-3Q-1X-GO 07/03/11	009W-3Q-1X-CP 07/03/11
<b>Volatile Organics</b>								
1,1-Dichloroethane		NA	NA	NA	NA	NA	NA	NA
Chloroethane		NA	NA	NA	NA	NA	NA	NA
<b>PCBs-Unfiltered</b>								
Aroclor-1248		NA	ND(0.00015)	NA	ND(0.000016)	NA	NA	ND(0.000016)
Aroclor-1254		NA	0.00038	NA	ND(0.000016)	NA	NA	0.000023
Aroclor-1260		NA	0.0011	NA	0.00016	NA	NA	0.000021
Total PCBs		NA	0.00148	NA	0.00016	NA	NA	0.000044
<b>Semivolatile Organics</b>								
None Detected		NA	NA	NA	NA	NA	NA	NA
<b>Conventional</b>								
Oil & Grease		ND(4.0)	NA	NA	NA	NA	ND(3.9)	NA
Total Suspended Solids		NA	NA	80.0	NA	17.2	NA	NA

**TABLE A-2  
DATA RECEIVED DURING JULY 2011**

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

Parameter	Sample ID: Date Collected:	009W-3Q-1X-CT 07/03/11	009W-3Q-1X-GO 07/03/11	64G-3Q1M-1X-CP 07/05/11	64G-3Q1M-1X-CT 07/05/11	64G-3Q1M-1X-GO 07/05/11	64G-3Q1M-1X-GS 07/05/11
<b>Volatile Organics</b>							
1,1-Dichloroethane		NA	NA	NA	NA	NA	NA
Chloroethane		NA	NA	NA	NA	NA	NA
<b>PCBs-Unfiltered</b>							
Aroclor-1248		NA	NA	ND(0.000016)	NA	NA	NA
Aroclor-1254		NA	NA	ND(0.000016)	NA	NA	NA
Aroclor-1260		NA	NA	ND(0.000016)	NA	NA	NA
Total PCBs		NA	NA	ND(0.000016)	NA	NA	NA
<b>Semivolatile Organics</b>							
None Detected		NA	NA	NA	NA	NA	--
<b>Conventional</b>							
Oil & Grease		NA	ND(4.5)	NA	NA	ND(4.2)	NA
Total Suspended Solids		8.00	NA	NA	ND(1.00)	NA	NA

**TABLE A-2  
DATA RECEIVED DURING JULY 2011**

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

Parameter	Sample ID: Date Collected:	64G-3Q1M-1X-GV 07/05/11	64G-3Q1M-2X-CP 07/11/11	64G-3Q1M-2X-CT 07/11/11	64G-3Q1M-2X-GO 07/11/11	64G-3Q1M-2X-GS 07/11/11	64G-3Q1M-2X-GV 07/11/11
<b>Volatil Organics</b>							
1,1-Dichloroethane		0.00017 J <sup>1</sup>	NA	NA	NA	NA	0.00014 J <sup>1</sup>
Chloroethane		0.00026 J <sup>1</sup>	NA	NA	NA	NA	0.00020 J <sup>1</sup>
<b>PCBs-Unfiltered</b>							
Aroclor-1248		NA	ND(0.000016)	NA	NA	NA	NA
Aroclor-1254		NA	ND(0.000016)	NA	NA	NA	NA
Aroclor-1260		NA	ND(0.000016)	NA	NA	NA	NA
Total PCBs		NA	ND(0.000016)	NA	NA	NA	NA
<b>Semivolatile Organics</b>							
None Detected		NA	NA	NA	NA	--	NA
<b>Conventional</b>							
Oil & Grease		NA	NA	NA	ND(4.0)	NA	NA
Total Suspended Solids		NA	NA	1.30	NA	NA	NA

Notes:

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

Data Qualifiers:

Organics (PCBs, volatiles, semivolatiles)

J<sup>1</sup>- Indicates an estimated value between the method detection limit (MDL) and method reporting limit (MRL) - Columbia Analytical Services.





**Attachment B**

NPDES Discharge  
Monitoring Reports  
June 2011

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 06/01/2011	TO 06/30/2011

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	*****	*****	*****	7.40	*****	7.70	SU	0	WEEKLY	CONT
	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	*****	*****	*****	.065 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	0.2073	0.2467	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	*****	*****	*****	0.055	*****	0.110	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 DECONTAMINATION PWS 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		07/26/2011

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

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

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	
FROM 06/01/2011	TO	06/30/2011	

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	0.2028	0.2111	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 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		07/26/2011

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
SEE 64GT FOR TOXICITY; FLOW TOTAL SEE FOOTNOTE 4; 51415 IS REPORT SEMI-VOLITILES.

Attachment E - 64G

Date	Weekly Min - pH	Weekly Max - pH	Oil & Grease MG/L	FN	TSS MG/L	FN	PCB UG/L	FN	VOC	FN	SVOC	FN	Metered Flow - MGD	Rain/Precip Total - In	Rain/Precip Peak - In
06/01/11													0.1850	0.00	0.00
06/02/11													0.2171	0.53	0.49
06/03/11													0.2166	0.00	0.00
06/04/11													0.1845	0.00	0.00
06/05/11	7.50	7.70											0.2182	0.00	0.00
06/06/11			U4.20	1,G	U1.00	1,C	0	C	0	G		0	0.2111	0.00	0.00
06/07/11													0.1845	0.00	0.00
06/08/11													0.2066	0.00	0.00
06/09/11													0.2075	0.44	0.42
06/10/11													0.2000	0.97	0.92
06/11/11													0.1982	0.32	0.25
06/12/11	7.40	7.50											0.1927	0.59	0.32
06/13/11			U4.00	1,G	U1.00	1,C	0	C	0.110	G		0	0.1945	0.03	0.03
06/14/11													0.2339	0.21	0.14
06/15/11													0.2097	0.22	0.09
06/16/11													0.1910	0.00	0.00
06/17/11													0.2085	0.17	0.12
06/18/11													0.2071	0.51	0.44
06/19/11	7.40	7.60											0.2129	0.00	0.00
06/20/11													0.1832	0.00	0.00
06/21/11													0.2059	0.00	0.00
06/22/11													0.2080	0.00	0.00
06/23/11													0.1971	1.17	0.55
06/24/11													0.1849	0.65	0.41
06/25/11													0.2073	0.36	0.30
06/26/11	7.40	7.60											0.2214	0.81	0.46
06/27/11													0.2373	0.00	0.00
06/28/11													0.2382	0.00	0.00
06/29/11													0.2107	0.68	0.54
06/30/11													0.2467	0.00	0.00

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

June 14, 2011

Service Request No: R1103140

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

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

Dear Mr. Coyle:

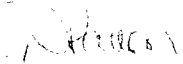
Enclosed are the results of the sample(s) submitted to our laboratory on June 7, 2011. For your reference, these analyses have been assigned our service request number **R1103140**.

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. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

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

COLUMBIA ANALYTICAL SERVICES, INC.

Client: GE-Pittsfield  
Project: NPDES  
Sample Matrix: Water

Service Request No.: R1103140  
Date Received: 6/7/11

CASE NARRATIVE

<u>Lab ID</u>	<u>Client ID</u>
R1103140-001	64G-2Q3M-1X-GV
R1103140-003	64G-2Q3M-1X-GS
R1103140-004	Trip Blank

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

Sample Receipt

Five water samples were received for analysis at Columbia Analytical Services on 6/7/11. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were stored in a refrigerator between 1°C and 6°C upon receipt at the laboratory.

Volatile Organics

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

No analytical or quality control problems were encountered during analysis.

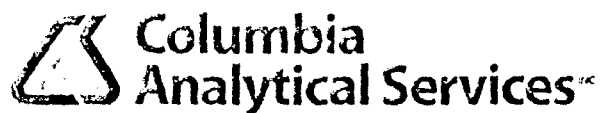
Extractable Organics

The Laboratory Control Sample and Duplicate Laboratory Control Sample for Benzidine were outside of the control limits and have been flagged with a "\*\*". There were no hits in the sample and no data was affected. All other QC was within limits.

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

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature:

Approved by: [Signature] Date: 6/14/11



## 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. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
- H Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
- # 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-8	
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 1664	
PHENOLICS, TOTAL			EPA 420.4	
VOLATILE HALOCARBONS			EPA 601	
VOLATILE HALOCARBONS			EPA 624	
VOLATILE AROMATICS			EPA 602	
VOLATILE AROMATICS			EPA 624	
SVOC-ACID EXTRACTABLES			EPA 625	
SVOC-BASE/NEUTRAL EXTRACTABLES			EPA 625	

## COLUMBIA ANALYTICAL SERVICES, INC.

## Analytical Report

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

Service Request: R1103140  
 Date Collected: 6/ 6/11 07:15  
 Date Received: 6/ 7/11  
 Date Analyzed: 6/7/11 15:16

Sample Name: 64G-2Q3M-1X-GV  
 Lab Code: R1103140-001

Units: µg/L  
 Basis: NA

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

Analytical Method: 624  
 Data File Name: J:\ACQU\DATA\MSVOA5\DATA\060711\F9250.D\

Analysis Lot: 248992  
 Instrument Name: R-MS-05  
 Dilution Factor: 1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.15	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.15	
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.14	
75-34-3	1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.10	
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.17	
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24	
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.19	
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.27	
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.22	
110-75-8	2-Chloroethyl Vinyl Ether	10	U	10	0.45	
107-02-8	Acrolein	10	U	10	2.3	
107-13-1	Acrylonitrile	10	U	10	0.50	
71-43-2	Benzene	1.0	U	1.0	0.14	
75-27-4	Bromodichloromethane	1.0	U	1.0	0.11	
75-25-2	Bromoform	1.0	U	1.0	0.12	
74-83-9	Bromomethane	1.0	U	1.0	0.39	
56-23-5	Carbon Tetrachloride	1.0	U	1.0	0.18	
108-90-7	Chlorobenzene	1.0	U	1.0	0.14	
75-00-3	Chloroethane	1.0	U	1.0	0.18	
67-66-3	Chloroform	1.0	U	1.0	0.10	
74-87-3	Chloromethane	1.0	U	1.0	0.28	
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.13	
75-09-2	Methylene Chloride	1.0	U	1.0	0.18	
100-41-4	Ethylbenzene	1.0	U	1.0	0.22	
127-18-4	Tetrachloroethene (PCE)	1.0	U	1.0	0.21	
108-88-3	Toluene	1.0	U	1.0	0.12	
79-01-6	Trichloroethene (TCE)	1.0	U	1.0	0.13	
75-69-4	Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.10	
75-01-4	Vinyl Chloride	1.0	U	1.0	0.14	
0061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.10	
56-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.16	
0061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.14	

## Analytical Report

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

**Service Request:** R1103140  
**Date Collected:** 6/ 6/11 07:15  
**Date Received:** 6/ 7/11  
**Date Analyzed:** 6/7/11 15:16

**Sample Name:** 64G-2Q3M-1X-GV  
**Lab Code:** R1103140-001

**Units:** Percent  
**Basis:** NA

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

**Analytical Method:** 624  
**Data File Name:** J:\ACQUDATA\MSVOA5\DATA\060711\F9250.D\

**Analysis Lot:** 248992  
**Instrument Name:** R-MS-05  
**Dilution Factor:** 1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	110	79-123	6/7/11 15:16	
4-Bromofluorobenzene	90	79-119	6/7/11 15:16	
Toluene-d8	98	83-120	6/7/11 15:16	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

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

Service Request: R1103140  
Date Collected: 6/6/11  
Date Received: 6/7/11  
Date Analyzed: 6/7/11 1516

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

Sample Name: 64G-2Q3M-1X-GV  
Lab Code: R1103140-001

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

Service Request: R1103140  
 Date Collected: 6/ 6/11 0710  
 Date Received: 6/ 7/11  
 Date Extracted: 6/7/11  
 Date Analyzed: 6/9/11 22.45

Sample Name: 64G-2Q3M-1X-GS  
 Lab Code: R1103140-003

Units: µg/L  
 Basis: NA

## Semivolatile Organic Compounds by GC/MS

Analytical Method: 625  
 Prep Method: EPA 3510C  
 Data File Name: J:\ACQU\DATA\5973D\DATA\060911\AI161.D

Analysis Lot: 249473  
 Extraction Lot: 135346  
 Instrument Name: R-MS-54  
 Dilution Factor: 1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
83-32-9	Acenaphthene	4.7	U	4.7	1.2	
208-96-8	Acenaphthylene	4.7	U	4.7	1.0	
120-12-7	Anthracene	4.7	U	4.7	1.0	
92-87-5	Benzidine	94	U	94	53	
56-55-3	Benz(a)anthracene	4.7	U	4.7	1.0	
50-32-8	Benzo(a)pyrene	4.7	U	4.7	1.0	
205-99-2	Benzo(b)fluoranthene	4.7	U	4.7	1.0	
191-24-2	Benzo(g,h,i)perylene	4.7	U	4.7	1.0	
207-08-9	Benzo(k)fluoranthene	4.7	U	4.7	1.1	
85-68-7	Butyl Benzyl Phthalate	4.7	U	4.7	1.0	
84-74-2	Di-n-butyl Phthalate	4.7	U	4.7	1.0	
193-39-5	Indeno(1,2,3-cd)pyrene	4.7	U	4.7	1.0	
111-91-1	Bis(2-chloroethoxy)methane	4.7	U	4.7	1.3	
111-44-4	Bis(2-chloroethyl) Ether	4.7	U	4.7	1.0	
91-58-7	2-Chloronaphthalene	4.7	U	4.7	1.0	
95-57-8	2-Chlorophenol	4.7	U	4.7	1.3	
108-60-1	2,2'-Oxybis(1-chloropropane)	4.7	U	4.7	1.4	
218-01-9	Chrysene	4.7	U	4.7	1.2	
53-70-3	Dibenz(a,h)anthracene	4.7	U	4.7	1.0	
91-94-1	3,3'-Dichlorobenzidine	4.7	U	4.7	1.5	
120-83-2	2,4-Dichlorophenol	4.7	U	4.7	1.0	
84-66-2	Diethyl Phthalate	4.7	U	4.7	1.0	
131-11-3	Dimethyl Phthalate	4.7	U	4.7	1.0	
105-67-9	2,4-Dimethylphenol	4.7	U	4.7	2.2	
51-28-5	2,4-Dinitrophenol	4.7	U	4.7	34	
121-14-2	2,4-Dinitrotoluene	4.7	U	4.7	1.2	
506-20-2	2,6-Dinitrotoluene	4.7	U	4.7	1.3	
122-66-7	1,2-Diphenylhydrazine	4.7	U	4.7	1.0	
117-81-7	Bis(2-ethylhexyl) Phthalate	4.7	U	4.7	1.2	
206-44-0	Fluoranthene	4.7	U	4.7	1.0	
86-73-7	Fluorene	4.7	U	4.7	1.1	
18-74-1	Hexachlorobenzene	4.7	U	4.7	1.1	

**COLUMBIA ANALYTICAL SERVICES, INC.**

Analytical Report

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

**Service Request:** R1103140  
**Date Collected:** 6/ 6/11 07:10  
**Date Received:** 6/ 7/11  
**Date Extracted:** 6/7/11  
**Date Analyzed:** 6/9/11 22:45

**Sample Name:** 64G-2Q3M-1X-GS  
**Lab Code:** R1103140-003

**Units:** µg/L  
**Basis:** NA

**Semivolatile Organic Compounds by GC/MS**

**Analytical Method:** 625  
**Prep Method:** EPA 3510C  
**Data File Name:** J:\ACQU\DATA\5973D\DATA\060911\AI161.D\

**Analysis Lot:** 249473  
**Extraction Lot:** 135346  
**Instrument Name:** R-MS-54  
**Dilution Factor:** 1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
87-68-3	Hexachlorobutadiene	4.7	U	4.7	1.3	
77-47-4	Hexachlorocyclopentadiene	4.7	U	4.7	2.0	
67-72-1	Hexachloroethane	4.7	U	4.7	1.3	
78-59-1	Isophorone	4.7	U	4.7	1.4	
534-52-1	4,6-Dinitro-2-methylphenol	4.7	U	4.7	22	
59-50-7	4-Chloro-3-methylphenol	4.7	U	4.7	1.0	
91-20-3	Naphthalene	4.7	U	4.7	1.1	
98-95-3	Nitrobenzene	4.7	U	4.7	1.3	
88-75-5	2-Nitrophenol	4.7	U	4.7	1.2	
100-02-7	4-Nitrophenol	4.7	U	4.7	9.4	
62-75-9	N-Nitrosodimethylamine	4.7	U	4.7	1.0	
86-30-6	N-Nitrosodiphenylamine	4.7	U	4.7	1.2	
117-84-0	Di-n-octyl Phthalate	4.7	U	4.7	1.1	
87-86-5	Pentachlorophenol (PCP)	4.7	U	4.7	23	
85-01-8	Phenanthrene	4.7	U	4.7	1.0	
108-95-2	Phenol	4.7	U	4.7	1.0	
101-55-3	4-Bromophenyl Phenyl Ether	4.7	U	4.7	1.0	
7005-72-3	4-Chlorophenyl Phenyl Ether	4.7	U	4.7	1.0	
621-64-7	N-Nitrosodi-n-propylamine	4.7	U	4.7	1.6	
129-00-0	Pyrene	4.7	U	4.7	1.0	
120-82-1	1,2,4-Trichlorobenzene	4.7	U	4.7	1.0	
88-06-2	2,4,6-Trichlorophenol	4.7	U	4.7	1.1	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
p-Terphenyl-d14	82	40-133	6/9/11 22:45	
Nitrobenzene-d5	69	38-120	6/9/11 22:45	
Phenol-d6	25	10-74	6/9/11 22:45	
2-Fluorobiphenyl	68	37-118	6/9/11 22:45	
2-Fluorophenol	40	12-84	6/9/11 22:45	
1,4,6-Tribromophenol	81	28-157	6/9/11 22:45	

## COLUMBIA ANALYTICAL SERVICES, INC.

## Analytical Report

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

Service Request: R1103140  
 Date Collected: 6/ 6/11 0730  
 Date Received: 6/ 7/11  
 Date Analyzed: 6/7/11 15:52

Sample Name: Trip Blank  
 Lab Code: R1103140-004

Units: µg/L  
 Basis: NA

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

Analytical Method: 624  
 Data File Name: J:\ACQU\DATA\MSVOA5\DATA\060711\F9251.D\

Analysis Lot: 248992  
 Instrument Name: R-MS-05  
 Dilution Factor: 1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.15	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.15	
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.14	
75-34-3	1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.10	
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.17	
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24	
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.19	
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.27	
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.22	
110-75-8	2-Chloroethyl Vinyl Ether	10	U	10	0.45	
107-02-8	Acrolein	10	U	10	2.3	
107-13-1	Acrylonitrile	10	U	10	0.50	
71-43-2	Benzene	1.0	U	1.0	0.14	
75-27-4	Bromodichloromethane	1.0	U	1.0	0.11	
75-25-2	Bromoform	1.0	U	1.0	0.12	
74-83-9	Bromomethane	1.0	U	1.0	0.39	
56-23-5	Carbon Tetrachloride	1.0	U	1.0	0.18	
108-90-7	Chlorobenzene	1.0	U	1.0	0.14	
75-00-3	Chloroethane	1.0	U	1.0	0.18	
67-66-3	Chloroform	1.0	U	1.0	0.10	
74-87-3	Chloromethane	1.0	U	1.0	0.28	
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.13	
75-09-2	Methylene Chloride	0.91	J	1.0	0.18	
100-41-4	Ethylbenzene	1.0	U	1.0	0.22	
127-18-4	Tetrachloroethene (PCE)	1.0	U	1.0	0.21	
108-88-3	Toluene	1.0	U	1.0	0.12	
79-01-6	Trichloroethene (TCE)	1.0	U	1.0	0.13	
75-69-4	Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.10	
75-01-4	Vinyl Chloride	1.0	U	1.0	0.14	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.10	
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.16	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.14	



**COLUMBIA ANALYTICAL SERVICES, INC.**

Analytical Report

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

**Service Request:** R1103140  
**Date Collected:** 6/ 6/11 0730  
**Date Received:** 6/ 7/11  
**Date Analyzed:** 6/7/11 15:52

**Sample Name:** Trip Blank  
**Lab Code:** R1103140-004

**Units:** Percent  
**Basis:** NA

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

**Analytical Method:** 624  
**Data File Name:** J:\ACQU\DATA\MSVOA5\DATA\060711\F9251.D\

**Analysis Lot:** 248992  
**Instrument Name:** R-MS-05  
**Dilution Factor:** 1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	112	79-123	6/7/11 15:52	
4-Bromofluorobenzene	95	79-119	6/7/11 15:52	
Toluene-d8	103	83-120	6/7/11 15:52	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

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

**Service Request:** R1103140  
**Date Collected:** 6/6/11  
**Date Received:** 6/7/11  
**Date Analyzed:** 6/7/11 1552

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

**Sample Name:** Trip Blank **Units:** µg/L  
**Lab Code:** R1103140-004 **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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## COLUMBIA ANALYTICAL SERVICES, INC.

## Analytical Report

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

**Service Request:** R1103140  
**Date Collected:** NA  
**Date Received:** NA  
**Date Analyzed:** 6/7/11 14:26

**Sample Name:** Method Blank  
**Lab Code:** RQ1105448-04

**Units:** µg/L  
**Basis:** NA

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

**Analytical Method:** 624  
**Data File Name:** J:\ACQUDATA\MSVOA5\DATA\060711\F9249.D\

**Analysis Lot:** 248992  
**Instrument Name:** R-MS-05  
**Dilution Factor:** 1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.15	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.15	
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.14	
75-34-3	1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.10	
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.17	
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24	
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.19	
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.27	
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.22	
110-75-8	2-Chloroethyl Vinyl Ether	10	U	10	0.45	
107-02-8	Acrolein	10	U	10	2.3	
107-13-1	Acrylonitrile	10	U	10	0.50	
71-43-2	Benzene	1.0	U	1.0	0.14	
75-27-4	Bromodichloromethane	1.0	U	1.0	0.11	
75-25-2	Bromoform	1.0	U	1.0	0.12	
74-83-9	Bromomethane	1.0	U	1.0	0.39	
56-23-5	Carbon Tetrachloride	1.0	U	1.0	0.18	
108-90-7	Chlorobenzene	1.0	U	1.0	0.14	
75-00-3	Chloroethane	1.0	U	1.0	0.18	
67-66-3	Chloroform	1.0	U	1.0	0.10	
74-87-3	Chloromethane	1.0	U	1.0	0.28	
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.13	
75-09-2	Methylene Chloride	1.0	U	1.0	0.18	
100-41-4	Ethylbenzene	1.0	U	1.0	0.22	
127-18-4	Tetrachloroethene (PCE)	1.0	U	1.0	0.21	
108-88-3	Toluene	1.0	U	1.0	0.12	
79-01-6	Trichloroethene (TCE)	1.0	U	1.0	0.13	
75-69-4	Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.10	
75-01-4	Vinyl Chloride	1.0	U	1.0	0.14	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.10	
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.16	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.14	

## Analytical Report

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

**Service Request:** R1103140  
**Date Collected:** NA  
**Date Received:** NA  
**Date Analyzed:** 6/7/11 14:26

**Sample Name:** Method Blank  
**Lab Code:** RQ1105448-04

**Units:** Percent  
**Basis:** NA

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

**Analytical Method:** 624  
**Data File Name:** J:\ACQU\DATA\MSVOA5\DATA\060711\F9249.D\

**Analysis Lot:** 248992  
**Instrument Name:** R-MS-05  
**Dilution Factor:** 1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	114	79-123	6/7/11 14:26	
4-Bromofluorobenzene	94	79-119	6/7/11 14:26	
Toluene-d8	100	83-120	6/7/11 14:26	

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

**Service Request:** R1103140  
**Date Collected:** NA  
**Date Received:** NA  
**Date Analyzed:** 6/7/11 1426

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

**Sample Name:** Method Blank **Units:** µg/L  
**Lab Code:** RQ1105448-04 **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

Service Request: R1103140  
 Date Collected: NA  
 Date Received: NA  
 Date Extracted: 6/7/11  
 Date Analyzed: 6/9/11 16:35

Sample Name: Method Blank  
 Lab Code: RQ1105464-01

Units: µg/L  
 Basis: NA

## Semivolatile Organic Compounds by GC/MS

Analytical Method: 625  
 Prep Method: EPA 3510C  
 Data File Name: J:\ACQUDATA\5973D\DATA\060911\A1152.D\

Analysis Lot: 249473  
 Extraction Lot: 135346  
 Instrument Name: R-MS-54  
 Dilution Factor: 1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
83-32-9	Acenaphthene	5.0	U	5.0	1.2	
208-96-8	Acenaphthylene	5.0	U	5.0	1.0	
120-12-7	Anthracene	5.0	U	5.0	1.0	
92-87-5	Benzidine	100	U	100	53	
56-55-3	Benz(a)anthracene	5.0	U	5.0	1.0	
50-32-8	Benzo(a)pyrene	5.0	U	5.0	1.0	
205-99-2	Benzo(b)fluoranthene	5.0	U	5.0	1.0	
191-24-2	Benzo(g,h,i)perylene	5.0	U	5.0	1.0	
207-08-9	Benzo(k)fluoranthene	5.0	U	5.0	1.1	
85-68-7	Butyl Benzyl Phthalate	5.0	U	5.0	1.0	
84-74-2	Di-n-butyl Phthalate	5.0	U	5.0	1.0	
193-39-5	Indeno(1,2,3-cd)pyrene	5.0	U	5.0	1.0	
111-91-1	Bis(2-chloroethoxy)methane	5.0	U	5.0	1.3	
111-44-4	Bis(2-chloroethyl) Ether	5.0	U	5.0	1.0	
91-58-7	2-Chloronaphthalene	5.0	U	5.0	1.0	
95-57-8	2-Chlorophenol	5.0	U	5.0	1.3	
108-60-1	2,2'-Oxybis(1-chloropropane)	5.0	U	5.0	1.4	
218-01-9	Chrysene	5.0	U	5.0	1.2	
53-70-3	Dibenz(a,h)anthracene	5.0	U	5.0	1.0	
91-94-1	3,3'-Dichlorobenzidine	5.0	U	5.0	1.5	
120-83-2	2,4-Dichlorophenol	5.0	U	5.0	1.0	
84-66-2	Diethyl Phthalate	5.0	U	5.0	1.0	
131-11-3	Dimethyl Phthalate	5.0	U	5.0	1.0	
105-67-9	2,4-Dimethylphenol	5.0	U	5.0	2.2	
51-28-5	2,4-Dinitrophenol	50	U	50	34	
121-14-2	2,4-Dinitrotoluene	5.0	U	5.0	1.2	
606-20-2	2,6-Dinitrotoluene	5.0	U	5.0	1.3	
122-66-7	1,2-Diphenylhydrazine	5.0	U	5.0	1.0	
117-81-7	Bis(2-ethylhexyl) Phthalate	5.0	U	5.0	1.2	
206-44-0	Fluoranthene	5.0	U	5.0	1.0	
86-73-7	Fluorene	5.0	U	5.0	1.1	
118-74-1	Hexachlorobenzene	5.0	U	5.0	1.1	

**COLUMBIA ANALYTICAL SERVICES, INC.**

Analytical Report

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

**Service Request:** R1103140  
**Date Collected:** NA  
**Date Received:** NA  
**Date Extracted:** 6/7/11  
**Date Analyzed:** 6/9/11 16:35

**Sample Name:** Method Blank  
**Lab Code:** RQ1105464-01

**Units:** µg/L  
**Basis:** NA

**Semivolatile Organic Compounds by GC/MS**

**Analytical Method:** 625  
**Prep Method:** EPA 3510C  
**Data File Name:** J:\ACQU\DATA\5973D\DATA\060911\A1152.D\

**Analysis Lot:** 249473  
**Extraction Lot:** 135346  
**Instrument Name:** R-MS-54  
**Dilution Factor:** 1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
87-68-3	Hexachlorobutadiene	5.0	U	5.0	1.3	
77-47-4	Hexachlorocyclopentadiene	5.0	U	5.0	2.0	
67-72-1	Hexachloroethane	5.0	U	5.0	1.3	
78-59-1	Isophorone	5.0	U	5.0	1.4	
534-52-1	4,6-Dinitro-2-methylphenol	50	U	50	22	
59-50-7	4-Chloro-3-methylphenol	5.0	U	5.0	1.0	
91-20-3	Naphthalene	5.0	U	5.0	1.1	
98-95-3	Nitrobenzene	5.0	U	5.0	1.3	
88-75-5	2-Nitrophenol	5.0	U	5.0	1.2	
100-02-7	4-Nitrophenol	50	U	50	9.4	
62-75-9	N-Nitrosodimethylamine	5.0	U	5.0	1.0	
86-30-6	N-Nitrosodiphenylamine	5.0	U	5.0	1.2	
117-84-0	Di-n-octyl Phthalate	5.0	U	5.0	1.1	
87-86-5	Pentachlorophenol (PCP)	50	U	50	23	
85-01-8	Phenanthrene	5.0	U	5.0	1.0	
108-95-2	Phenol	5.0	U	5.0	1.0	
101-55-3	4-Bromophenyl Phenyl Ether	5.0	U	5.0	1.0	
7005-72-3	4-Chlorophenyl Phenyl Ether	5.0	U	5.0	1.0	
521-64-7	N-Nitrosodi-n-propylamine	5.0	U	5.0	1.6	
129-00-0	Pyrene	5.0	U	5.0	1.0	
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	1.0	
88-06-2	2,4,6-Trichlorophenol	5.0	U	5.0	1.1	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Terphenyl-d14	82	40-133	6/9/11 16:35	
Nitrobenzene-d5	66	38-120	6/9/11 16:35	
Phenol-d6	26	10-74	6/9/11 16:35	
Fluorobiphenyl	65	37-118	6/9/11 16:35	
Fluorophenol	40	12-84	6/9/11 16:35	
1,6-Tribromophenol	75	28-157	6/9/11 16:35	

**COLUMBIA ANALYTICAL SERVICES, INC.**

QA/QC Report

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

**Service Request:** R1103140  
**Date Analyzed:** 6/ 7/11

**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:** 248992

**Lab Control Sample**  
RQ1105448-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	21.5	20.0	107	52 - 162
1,1,2,2-Tetrachloroethane	20.9	20.0	105	46 - 157
1,1,2-Trichloroethane	18.9	20.0	94	52 - 150
1,1-Dichloroethane (1,1-DCA)	20.9	20.0	105	59 - 155
1,1-Dichloroethene (1,1-DCE)	20.6	20.0	103	0 - 234
1,2-Dichlorobenzene	17.0	20.0	85	18 - 190
1,2-Dichloroethane	21.1	20.0	105	49 - 155
1,2-Dichloropropane	20.6	20.0	103	0 - 210
1,3-Dichlorobenzene	17.9	20.0	90	59 - 156
1,4-Dichlorobenzene	17.8	20.0	89	18 - 190
2-Chloroethyl Vinyl Ether	19.0	20.0	95	0 - 305
Acrolein	150	100	150	10 - 174
Acrylonitrile	107	100	107	61 - 141
Benzene	19.1	20.0	95	37 - 151
Bromodichloromethane	19.9	20.0	100	35 - 155
Bromoform	18.2	20.0	91	45 - 169
Bromomethane	20.1	20.0	100	0 - 242
Carbon Tetrachloride	19.3	20.0	96	70 - 140
Chlorobenzene	20.1	20.0	101	37 - 160
Chloroethane	20.3	20.0	101	14 - 230
Chloroform	21.2	20.0	106	51 - 138
Chloromethane	20.8	20.0	104	0 - 273
Chlorodibromomethane	18.6	20.0	93	53 - 149
Dichlorodifluoromethane (CFC 12)	20.2	20.0	101	47 - 148
Methylene Chloride	19.4	20.0	97	0 - 221
Ethylbenzene	20.6	20.0	103	37 - 162
Tetrachloroethene (PCE)	18.0	20.0	90	64 - 148
Toluene	18.9	20.0	94	47 - 150
Trichloroethene (TCE)	19.0	20.0	95	71 - 157
Trichlorofluoromethane (CFC 11)	20.7	20.0	103	17 - 181
Vinyl Chloride	22.3	20.0	112	0 - 251
cis-1,3-Dichloropropene	18.5	20.0	93	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.



## Q/VC Report

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

Service Request: R1103140  
 Date Analyzed: 6/7/11

**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: 248992

Lab Control Sample				
RQ1105448-03				
Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
trans-1,2-Dichloroethene	19.7	20.0	98	54 - 156
trans-1,3-Dichloropropene	19.6	20.0	98	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: R1103140  
 Date Analyzed: 6/9/11

Lab Control Sample Summary  
 Semivolatile Organic Compounds by GC/MS

Analytical Method: 625  
 Prep Method: EPA 3510C

Units: µg/L  
 Basis: NA

Extraction Lot: 135346

Analyte Name	Lab Control Sample RQ1105464-02			Duplicate Lab Control Sample RQ1105464-03			% Rec Limits	RPD	RPD Limit
	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
Accnaphthene	83.6	100	84	80.0	100	80	47 - 145	4	30
Acenaphthylene	84.1	100	84	81.5	100	82	33 - 145	3	30
Anthracene	90.4	100	90	85.9	100	86	27 - 133	5	30
Benzidine	100 U	100	0 *	100 U	100	0 *	10 - 78	<1	30
Benz(a)anthracene	94.3	100	94	89.2	100	89	33 - 143	5	30
Benzo(a)pyrene	82.5	100	82	78.1	100	78	17 - 163	5	30
Benzo(b)fluoranthene	96.6	100	97	91.4	100	91	24 - 159	6	30
Benzo(g,h,i)perylene	96.6	100	97	93.4	100	93	0 - 219	3	30
Benzo(k)fluoranthene	98.9	100	99	92.2	100	92	11 - 162	7	30
Butyl Benzyl Phthalate	91.1	100	91	88.2	100	88	0 - 152	3	30
Di-n-butyl Phthalate	97.1	100	97	91.1	100	91	1 - 118	6	30
Indeno(1,2,3-cd)pyrene	97.1	100	97	92.0	100	92	0 - 171	5	30
Bis(2-chloroethoxy)methane	83.0	100	83	81.4	100	81	33 - 184	2	30
Bis(2-chloroethyl) Ether	81.8	100	82	79.3	100	79	12 - 158	3	30
2-Chloronaphthalene	71.0	100	71	69.1	100	69	60 - 118	3	30
2-Chlorophenol	78.4	100	78	75.2	100	75	23 - 134	4	30
2,2'-Oxybis(1-chloropropane)	87.4	100	87	83.9	100	84	36 - 166	4	30
Chrysene	95.1	100	95	89.9	100	90	17 - 168	6	30
Dibenz(a,h)anthracene	98.7	100	99	93.6	100	94	0 - 227	5	30
3,3'-Dichlorobenzidine	61.1	100	61	55.7	100	56	0 - 262	9	30
2,4-Dichlorophenol	85.7	100	86	82.6	100	83	39 - 135	4	30
Diethyl Phthalate	93.0	100	93	89.1	100	89	0 - 114	4	30
Dimethyl Phthalate	90.5	100	91	87.5	100	88	0 - 112	3	30
2,4-Dimethylphenol	60.1	100	60	57.8	100	58	32 - 119	4	30
2,4-Dinitrophenol	85.0	100	85	82.1	100	82	0 - 191	3	30
2,4-Dinitrotoluene	95.0	100	95	90.8	100	91	39 - 139	5	30
2,6-Dinitrotoluene	94.7	100	95	90.3	100	90	50 - 158	5	30
1,2-Diphenylhydrazine	87.4	100	87	83.0	100	83	64 - 114	5	30
3is(2-ethylhexyl) Phthalate	97.9	100	98	93.9	100	94	8 - 158	4	30
Fluoranthene	99.1	100	99	92.6	100	93	26 - 137	7	30
Fluorene	89.3	100	89	85.9	100	86	59 - 121	4	30
Hexachlorobenzene	90.3	100	90	85.0	100	85	0 - 152	6	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.

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

Service Request: R1103140  
 Date Analyzed: 6/9/11

Lab Control Sample Summary  
 Semivolatile Organic Compounds by GC/MS

Analytical Method: 625  
 Prep Method: EPA 3510C

Units: µg/L  
 Basis: NA

Extraction Lot: 135346

Analyte Name	Lab Control Sample RQ1105464-02			Duplicate Lab Control Sample RQ1105464-03			% Rec Limits	RPD	RPD Limit
	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
Hexachlorobutadiene	56.6	100	57	54.9	100	55	24 - 116	3	30
Hexachlorocyclopentadiene	41.0	100	41	40.6	100	41	10 - 79	1	30
Hexachloroethane	53.7	100	54	50.0	100	50	40 - 113	7	30
Isophorone	87.1	100	87	83.9	100	84	21 - 196	4	30
4,6-Dinitro-2-methylphenol	89.6	100	90	85.7	100	86	0 - 181	4	30
4-Chloro-3-methylphenol	90.3	100	90	86.5	100	86	22 - 147	4	30
Naphthalene	66.3	100	66	63.5	100	63	21 - 133	4	30
Nitrobenzene	77.6	100	78	75.6	100	76	35 - 180	3	30
2-Nitrophenol	83.9	100	84	81.5	100	82	29 - 182	3	30
4-Nitrophenol	38.1	100	38	36.5	100	36	0 - 132	4	30
N-Nitrosodimethylamine	51.1	100	51	47.7	100	48	34 - 130	7	30
N-Nitrosodiphenylamine	89.3	100	89	84.6	100	85	50 - 117	5	30
Di-n-octyl Phthalate	94.6	100	95	92.7	100	93	4 - 146	2	30
Pentachlorophenol (PCP)	93.5	100	94	91.4	100	91	14 - 176	2	30
Phenanthrene	96.7	100	97	91.2	100	91	54 - 120	6	30
Phenol	37.7	100	38	35.4	100	35	5 - 112	6	30
4-Bromophenyl Phenyl Ether	90.5	100	90	85.0	100	85	53 - 127	6	30
4-Chlorophenyl Phenyl Ether	85.8	100	86	82.6	100	83	25 - 158	4	30
N-Nitrosodi-n-propylamine	79.4	100	79	76.5	100	77	0 - 230	4	30
Pyrene	95.7	100	96	91.5	100	91	52 - 115	4	30
1,2,4-Trichlorobenzene	57.6	100	58	54.1	100	54	29 - 85	6	30
2,4,6-Trichlorophenol	89.8	100	90	86.3	100	86	37 - 144	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.



Cooler Receipt And Preservation Check Form

Project/Client CE - Pittsfield Folder Number 311-3140

Cooler received on 6/7/11 by: AMT 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 VOA vials, Alkalinity, or Sulfide have significant\* air bubbles? YES NO N/A N/A 6/7/11
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: 2.1°

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: 6/7/11 1009

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: 6/7/11 Time: 1147 by: DPW

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: \_\_\_\_\_

H	Reagent	Lot Received		Exp	Sample ID	Vol. Added	Lot Added	Final pH	Yes = All samples OK
		YES	NO						
12	NaOH								No = Samples were preserved at lab as listed
?	HNO <sub>3</sub>								
!	H <sub>2</sub> SO <sub>4</sub>								
Residual Iodine	For TCN and Phenol			If present, contact PM to add ascorbic acid					PM OK to Adjust:
	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	*	*	411020	312				

File lot numbers: 0-235-003, 090010-155, 0-115201  
 or Comments: \_\_\_\_\_

Secondary Review: [Signature]

\*significant air bubbles: VOA > 5-6 mm : WC > 1 in. diameter

June 22, 2011

Service Request No: R1103303

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

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

Dear Mr. Coyle:

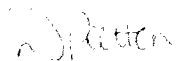
Enclosed are the results of the sample(s) submitted to our laboratory on June 14, 2011. For your reference, these analyses have been assigned our service request number **R1103303**.

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. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

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

COLUMBIA ANALYTICAL SERVICES, INC.

Client: GE-Pittsfield Service Request No.: R1103303  
Project: NPDES Date Received: 6/14/11  
Sample Matrix: Water

CASE NARRATIVE

<u>Lab ID</u>	<u>Client ID</u>
R1103303-001	64G-2Q3M-2X-GV
R1103303-003	64G-2Q3M-2X-GS
R1103303-004	Trip Blank

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

Sample Receipt

Five water samples were received for analysis at Columbia Analytical Services on 6/14/11. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were stored in a refrigerator between 1°C and 6°C upon receipt at the laboratory.

Volatile Organics

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

No analytical or quality control problems were encountered during analysis.

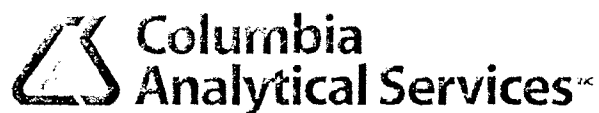
Extractable Organics

The Laboratory Control Sample and Duplicate Laboratory Control Sample for Benzidine were outside of the control limits low and have been flagged with a “\*”. There were no hits in the sample and no data was affected. All other QC was within limits.

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

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature:

Approved by [Signature] Date 6/20/11



## 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. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
- H Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
- # 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: 19 MAY 2011

M-NY032 COLUMBIA ANALYTICAL SERVICES  
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY) Effective Date 19 MAY 2011 Expiration Date 30 JUN 2011

Analytes

Methods

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

COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 19 MAY 2011

M-NY032 COLUMBIA ANALYTICAL SERVICES  
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY)	Effective Date	19 MAY 2011	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 1664	
PHENOLICS, TOTAL			EPA 420.4	
VOLATILE HALOCARBONS			EPA 601	
VOLATILE HALOCARBONS			EPA 624	
VOLATILE AROMATICS			EPA 602	
VOLATILE AROMATICS			EPA 624	
SVOC-ACID EXTRACTABLES			EPA 625	
SVOC-BASE/NEUTRAL EXTRACTABLES			EPA 625	

**COLUMBIA ANALYTICAL SERVICES, INC.**

Analytical Report

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

**Service Request:** R1103303  
**Date Collected:** 6/13/11 0715  
**Date Received:** 6/14/11  
**Date Analyzed:** 6/14/11 14:48

**Sample Name:** 64G-2Q3M-2X-GV  
**Lab Code:** R1103303-001

**Units:** µg/L  
**Basis:** NA

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

**Analytical Method:** 624  
**Data File Name:** J:\ACQUDATA\MSVOA5\DATA\061411\F9338.D\

**Analysis Lot:** 249848  
**Instrument Name:** R-MS-05  
**Dilution Factor:** 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.15	
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.15	
79-00-5	1,1,2-Trichloroethane	1.0 U	1.0	0.14	
75-34-3	1,1-Dichloroethane (1,1-DCA)	0.11 J	1.0	0.10	
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.22	
95-50-1	1,2-Dichlorobenzene	1.0 U	1.0	0.17	
107-06-2	1,2-Dichloroethane	1.0 U	1.0	0.24	
78-87-5	1,2-Dichloropropane	1.0 U	1.0	0.19	
541-73-1	1,3-Dichlorobenzene	1.0 U	1.0	0.27	
106-46-7	1,4-Dichlorobenzene	1.0 U	1.0	0.22	
110-75-8	2-Chloroethyl Vinyl Ether	10 U	10	0.45	
107-02-8	Acrolein	10 U	10	2.3	
107-13-1	Acrylonitrile	10 U	10	0.50	
71-43-2	Benzene	1.0 U	1.0	0.14	
75-27-4	Bromodichloromethane	1.0 U	1.0	0.11	
75-25-2	Bromoform	1.0 U	1.0	0.12	
74-83-9	Bromomethane	1.0 U	1.0	0.39	
56-23-5	Carbon Tetrachloride	1.0 U	1.0	0.18	
108-90-7	Chlorobenzene	1.0 U	1.0	0.14	
75-00-3	Chloroethane	1.0 U	1.0	0.18	
67-66-3	Chloroform	1.0 U	1.0	0.10	
74-87-3	Chloromethane	1.0 U	1.0	0.28	
124-48-1	Chlorodibromomethane	1.0 U	1.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.13	
75-09-2	Methylene Chloride	1.0 U	1.0	0.18	
100-41-4	Ethylbenzene	1.0 U	1.0	0.22	
127-18-4	Tetrachloroethene (PCE)	1.0 U	1.0	0.21	
108-88-3	Toluene	1.0 U	1.0	0.12	
79-01-6	Trichloroethene (TCE)	1.0 U	1.0	0.13	
75-69-4	Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.10	
75-01-4	Vinyl Chloride	1.0 U	1.0	0.14	
10061-01-5	cis-1,3-Dichloropropene	1.0 U	1.0	0.10	
156-60-5	trans-1,2-Dichloroethene	1.0 U	1.0	0.16	
10061-02-6	trans-1,3-Dichloropropene	1.0 U	1.0	0.14	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

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

**Service Request:** R1103303  
**Date Collected:** 6/13/11 07:15  
**Date Received:** 6/14/11  
**Date Analyzed:** 6/14/11 14:48

**Sample Name:** 64G-2Q3M-2X-GV  
**Lab Code:** R1103303-001

**Units:** Percent  
**Basis:** NA

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

**Analytical Method:** 624  
**Data File Name:** J:\ACQUDATA\MSVOA5\DATA\061411\F9338.D\

**Analysis Lot:** 249848  
**Instrument Name:** R-MS-05  
**Dilution Factor:** 1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	117	79-123	6/14/11 14:48	
4-Bromofluorobenzene	98	79-119	6/14/11 14:48	
Toluene-d8	99	83-120	6/14/11 14:48	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

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

**Service Request:** R1103303  
**Date Collected:** 6/13/11  
**Date Received:** 6/14/11  
**Date Analyzed:** 6/14/11 1448

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

**Sample Name:** 64G-2Q3M-2X-GV  
**Lab Code:** R1103303-001

**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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**COLUMBIA ANALYTICAL SERVICES, INC.**

Analytical Report

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

**Service Request:** R1103303  
**Date Collected:** 6/13/11 07:25  
**Date Received:** 6/14/11  
**Date Extracted:** 6/15/11  
**Date Analyzed:** 6/20/11 18:35

**Sample Name:** 64G-2Q3M-2X-GS  
**Lab Code:** R1103303-003

**Units:** µg/L  
**Basis:** NA

**Semivolatile Organic Compounds by GC/MS**

**Analytical Method:** 625  
**Prep Method:** EPA 3510C  
**Data File Name:** J:\ACQUDATA\5973D\DATA\062011\AI282.D\

**Analysis Lot:** 250713  
**Extraction Lot:** 135864  
**Instrument Name:** R-MS-54  
**Dilution Factor:** 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
120-82-1	1,2,4-Trichlorobenzene	4.7 U	4.7	1.0	
122-66-7	1,2-Diphenylhydrazine	4.7 U	4.7	1.0	
88-06-2	2,4,6-Trichlorophenol	4.7 U	4.7	1.1	
120-83-2	2,4-Dichlorophenol	4.7 U	4.7	1.0	
105-67-9	2,4-Dimethylphenol	4.7 U	4.7	2.2	
51-28-5	2,4-Dinitrophenol	47 U	47	34	
121-14-2	2,4-Dinitrotoluene	4.7 U	4.7	1.2	
606-20-2	2,6-Dinitrotoluene	4.7 U	4.7	1.3	
91-58-7	2-Chloronaphthalene	4.7 U	4.7	1.0	
95-57-8	2-Chlorophenol	4.7 U	4.7	1.3	
88-75-5	2-Nitrophenol	4.7 U	4.7	1.2	
91-94-1	3,3'-Dichlorobenzidine	4.7 U	4.7	1.5	
534-52-1	4,6-Dinitro-o-cresol	47 U	47	22	
101-55-3	4-Bromophenyl Phenyl Ether	4.7 U	4.7	1.0	
59-50-7	4-Chloro-m-cresol	4.7 U	4.7	1.0	
7005-72-3	4-Chlorophenyl Phenyl Ether	4.7 U	4.7	1.0	
100-02-7	4-Nitrophenol	47 U	47	9.4	
83-32-9	Acenaphthene	4.7 U	4.7	1.2	
208-96-8	Acenaphthylene	4.7 U	4.7	1.0	
120-12-7	Anthracene	4.7 U	4.7	1.0	
56-55-3	Benz(a)anthracene	4.7 U	4.7	1.0	
92-87-5	Benzidine	94 U	94	53	
50-32-8	Benzo(a)pyrene	4.7 U	4.7	1.0	
205-99-2	3,4-Benzofluoranthene	4.7 U	4.7	1.0	
191-24-2	Benzo(g,h,i)perylene	4.7 U	4.7	1.0	
207-08-9	Benzo(k)fluoranthene	4.7 U	4.7	1.1	
108-60-1	Bis(1-chloroisopropyl) Ether	4.7 U	4.7	1.4	
111-91-1	Bis(2-chloroethoxy)methane	4.7 U	4.7	1.3	
111-44-4	Bis(2-chloroethyl) Ether	4.7 U	4.7	1.0	
117-81-7	Bis(2-ethylhexyl) Phthalate	4.7 U	4.7	1.2	
85-68-7	Butyl Benzyl Phthalate	4.7 U	4.7	1.0	
218-01-9	Chrysene	4.7 U	4.7	1.2	

**COLUMBIA ANALYTICAL SERVICES, INC.**

Analytical Report

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

**Service Request:** R1103303  
**Date Collected:** 6/13/11 07:25  
**Date Received:** 6/14/11  
**Date Extracted:** 6/15/11  
**Date Analyzed:** 6/20/11 18:35

**Sample Name:** 64G-2Q3M-2X-GS  
**Lab Code:** R1103303-003

**Units:** µg/L  
**Basis:** NA

**Semivolatile Organic Compounds by GC/MS**

**Analytical Method:** 625  
**Prep Method:** EPA 3510C  
**Data File Name:** J:\ACQUADATA\5973D\DATA\062011\AI282.D\

**Analysis Lot:** 250713  
**Extraction Lot:** 135864  
**Instrument Name:** R-MS-54  
**Dilution Factor:** 1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
84-74-2	Di-n-butyl Phthalate	4.7	U	4.7	1.0	
117-84-0	Di-n-octyl Phthalate	4.7	U	4.7	1.1	
53-70-3	Dibenz(a,h)anthracene	4.7	U	4.7	1.0	
84-66-2	Diethyl Phthalate	4.7	U	4.7	1.0	
131-11-3	Dimethyl Phthalate	4.7	U	4.7	1.0	
206-44-0	Fluoranthene	4.7	U	4.7	1.0	
86-73-7	Fluorene	4.7	U	4.7	1.1	
118-74-1	Hexachlorobenzene	4.7	U	4.7	1.1	
87-68-3	Hexachlorobutadiene	4.7	U	4.7	1.3	
77-47-4	Hexachlorocyclopentadiene	4.7	U	4.7	2.0	
67-72-1	Hexachloroethane	4.7	U	4.7	1.3	
193-39-5	Indeno(1,2,3-cd)pyrene	4.7	U	4.7	1.0	
78-59-1	Isophorone	4.7	U	4.7	1.4	
621-64-7	N-Nitrosodi-n-propylamine	4.7	U	4.7	1.6	
62-75-9	N-Nitrosodimethylamine	4.7	U	4.7	1.0	
86-30-6	N-Nitrosodiphenylamine	4.7	U	4.7	1.2	
91-20-3	Naphthalene	4.7	U	4.7	1.1	
98-95-3	Nitrobenzene	4.7	U	4.7	1.3	
87-86-5	Pentachlorophenol (PCP)	47	U	47	23	
85-01-8	Phenanthrene	4.7	U	4.7	1.0	
108-95-2	Phenol	4.7	U	4.7	1.0	
129-00-0	Pyrene	4.7	U	4.7	1.0	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	91	28-157	6/20/11 18:35	
2-Fluorobiphenyl	74	37-118	6/20/11 18:35	
2-Fluorophenol	42	12-84	6/20/11 18:35	
Nitrobenzene-d5	76	38-120	6/20/11 18:35	
Phenol-d6	26	10-74	6/20/11 18:35	
p-Terphenyl-d14	92	40-133	6/20/11 18:35	



**COLUMBIA ANALYTICAL SERVICES, INC.**

Analytical Report

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

**Service Request:** R1103303  
**Date Collected:** 6/13/11 0730  
**Date Received:** 6/14/11  
**Date Analyzed:** 6/14/11 14:11

**Sample Name:** TRIP BLANK  
**Lab Code:** R1103303-004

**Units:** µg/L  
**Basis:** NA

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

**Analytical Method:** 624  
**Data File Name:** J:\ACQUDATA\MSVOA5\DATA\061411\F9337.D\

**Analysis Lot:** 249848  
**Instrument Name:** R-MS-05  
**Dilution Factor:** 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.15	
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.15	
79-00-5	1,1,2-Trichloroethane	1.0 U	1.0	0.14	
75-34-3	1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.10	
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.22	
95-50-1	1,2-Dichlorobenzene	1.0 U	1.0	0.17	
107-06-2	1,2-Dichloroethane	1.0 U	1.0	0.24	
78-87-5	1,2-Dichloropropane	1.0 U	1.0	0.19	
541-73-1	1,3-Dichlorobenzene	1.0 U	1.0	0.27	
106-46-7	1,4-Dichlorobenzene	1.0 U	1.0	0.22	
110-75-8	2-Chloroethyl Vinyl Ether	10 U	10	0.45	
107-02-8	Acrolein	10 U	10	2.3	
107-13-1	Acrylonitrile	10 U	10	0.50	
71-43-2	Benzene	1.0 U	1.0	0.14	
75-27-4	Bromodichloromethane	1.0 U	1.0	0.11	
75-25-2	Bromoform	1.0 U	1.0	0.12	
74-83-9	Bromomethane	1.0 U	1.0	0.39	
56-23-5	Carbon Tetrachloride	1.0 U	1.0	0.18	
108-90-7	Chlorobenzene	1.0 U	1.0	0.14	
75-00-3	Chloroethane	1.0 U	1.0	0.18	
67-66-3	Chloroform	1.0 U	1.0	0.10	
74-87-3	Chloromethane	1.0 U	1.0	0.28	
124-48-1	Chlorodibromomethane	1.0 U	1.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.13	
75-09-2	Methylene Chloride	2.3	1.0	0.18	
100-41-4	Ethylbenzene	1.0 U	1.0	0.22	
127-18-4	Tetrachloroethene (PCE)	1.0 U	1.0	0.21	
108-88-3	Toluene	1.0 U	1.0	0.12	
79-01-6	Trichloroethene (TCE)	1.0 U	1.0	0.13	
75-69-4	Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.10	
75-01-4	Vinyl Chloride	1.0 U	1.0	0.14	
10061-01-5	cis-1,3-Dichloropropene	1.0 U	1.0	0.10	
156-60-5	trans-1,2-Dichloroethene	1.0 U	1.0	0.16	
10061-02-6	trans-1,3-Dichloropropene	1.0 U	1.0	0.14	

**COLUMBIA ANALYTICAL SERVICES, INC.**

Analytical Report

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

**Service Request:** R1103303  
**Date Collected:** 6/13/11 0730  
**Date Received:** 6/14/11  
**Date Analyzed:** 6/14/11 14:11

**Sample Name:** TRIP BLANK  
**Lab Code:** R1103303-004

**Units:** Percent  
**Basis:** NA

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

**Analytical Method:** 624  
**Data File Name:** J:\ACQUDATA\MSVOA5\DATA\061411\F9337.D\

**Analysis Lot:** 249848  
**Instrument Name:** R-MS-05  
**Dilution Factor:** 1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	114	79-123	6/14/11 14:11	
4-Bromofluorobenzene	98	79-119	6/14/11 14:11	
Toluene-d8	100	83-120	6/14/11 14:11	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

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

**Service Request:** R1103303  
**Date Collected:** 6/13/11  
**Date Received:** 6/14/11  
**Date Analyzed:** 6/14/11 1411

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

**Sample Name:** TRIP BLANK  
**Lab Code:** R1103303-004

**Units:** µg/L  
**Basis:** NA

**Analytical Method:** 624

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

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

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**COLUMBIA ANALYTICAL SERVICES, INC.**

Analytical Report

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

**Service Request:** R1103303  
**Date Collected:** NA  
**Date Received:** NA  
**Date Analyzed:** 6/14/11 12:57

**Sample Name:** Method Blank  
**Lab Code:** RQ1105703-04

**Units:** µg/L  
**Basis:** NA

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

**Analytical Method:** 624  
**Data File Name:** J:\ACQUDATA\MSVOA5\DATA\061411\F9335.D\

**Analysis Lot:** 249848  
**Instrument Name:** R-MS-05  
**Dilution Factor:** 1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.15	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.15	
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.14	
75-34-3	1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.10	
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.17	
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24	
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.19	
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.27	
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.22	
110-75-8	2-Chloroethyl Vinyl Ether	10	U	10	0.45	
107-02-8	Acrolein	10	U	10	2.3	
107-13-1	Acrylonitrile	10	U	10	0.50	
71-43-2	Benzene	1.0	U	1.0	0.14	
75-27-4	Bromodichloromethane	1.0	U	1.0	0.11	
75-25-2	Bromoform	1.0	U	1.0	0.12	
74-83-9	Bromomethane	1.0	U	1.0	0.39	
56-23-5	Carbon Tetrachloride	1.0	U	1.0	0.18	
108-90-7	Chlorobenzene	1.0	U	1.0	0.14	
75-00-3	Chloroethane	1.0	U	1.0	0.18	
67-66-3	Chloroform	1.0	U	1.0	0.10	
74-87-3	Chloromethane	1.0	U	1.0	0.28	
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.13	
75-09-2	Methylene Chloride	1.0	U	1.0	0.18	
100-41-4	Ethylbenzene	1.0	U	1.0	0.22	
127-18-4	Tetrachloroethene (PCE)	1.0	U	1.0	0.21	
108-88-3	Toluene	1.0	U	1.0	0.12	
79-01-6	Trichloroethene (TCE)	1.0	U	1.0	0.13	
75-69-4	Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.10	
75-01-4	Vinyl Chloride	1.0	U	1.0	0.14	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.10	
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.16	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.14	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

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

**Service Request:** R1103303  
**Date Collected:** NA  
**Date Received:** NA  
**Date Analyzed:** 6/14/11 12:57

**Sample Name:** Method Blank  
**Lab Code:** RQ1105703-04

**Units:** Percent  
**Basis:** NA

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

**Analytical Method:** 624  
**Data File Name:** J:\ACQUDATA\MSVOA5\DATA\061411\F9335.D\

**Analysis Lot:** 249848  
**Instrument Name:** R-MS-05  
**Dilution Factor:** 1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	111	79-123	6/14/11 12:57	
4-Bromofluorobenzene	97	79-119	6/14/11 12:57	
Toluene-d8	99	83-120	6/14/11 12:57	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

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

**Service Request:** R1103303  
**Date Collected:** NA  
**Date Received:** NA  
**Date Analyzed:** 6/14/11 1257

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

**Sample Name:** Method Blank **Units:** µg/L  
**Lab Code:** RQ1105703-04 **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

**Service Request:** R1103303  
**Date Collected:** NA  
**Date Received:** NA  
**Date Extracted:** 6/15/11  
**Date Analyzed:** 6/20/11 16:33

**Sample Name:** Method Blank  
**Lab Code:** RQ1105729-01

**Units:** µg/L  
**Basis:** NA

## Semivolatile Organic Compounds by GC/MS

**Analytical Method:** 625  
**Prep Method:** EPA 3510C  
**Data File Name:** J:\ACQUADATA\5973D\DATA\062011\AI279.D\

**Analysis Lot:** 250713  
**Extraction Lot:** 135864  
**Instrument Name:** R-MS-54  
**Dilution Factor:** 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
120-82-1	1,2,4-Trichlorobenzene	5.0 U	5.0	1.0	
122-66-7	1,2-Diphenylhydrazine	5.0 U	5.0	1.0	
88-06-2	2,4,6-Trichlorophenol	5.0 U	5.0	1.1	
120-83-2	2,4-Dichlorophenol	5.0 U	5.0	1.0	
105-67-9	2,4-Dimethylphenol	5.0 U	5.0	2.2	
51-28-5	2,4-Dinitrophenol	50 U	50	34	
121-14-2	2,4-Dinitrotoluene	5.0 U	5.0	1.2	
606-20-2	2,6-Dinitrotoluene	5.0 U	5.0	1.3	
91-58-7	2-Chloronaphthalene	5.0 U	5.0	1.0	
95-57-8	2-Chlorophenol	5.0 U	5.0	1.3	
88-75-5	2-Nitrophenol	5.0 U	5.0	1.2	
91-94-1	3,3'-Dichlorobenzidine	5.0 U	5.0	1.5	
534-52-1	4,6-Dinitro-o-cresol	50 U	50	22	
101-55-3	4-Bromophenyl Phenyl Ether	5.0 U	5.0	1.0	
59-50-7	4-Chloro-m-cresol	5.0 U	5.0	1.0	
7005-72-3	4-Chlorophenyl Phenyl Ether	5.0 U	5.0	1.0	
100-02-7	4-Nitrophenol	50 U	50	9.4	
83-32-9	Acenaphthene	5.0 U	5.0	1.2	
208-96-8	Acenaphthylene	5.0 U	5.0	1.0	
120-12-7	Anthracene	5.0 U	5.0	1.0	
56-55-3	Benz(a)anthracene	5.0 U	5.0	1.0	
92-87-5	Benzidine	100 U	100	53	
50-32-8	Benzo(a)pyrene	5.0 U	5.0	1.0	
205-99-2	3,4-Benzofluoranthene	5.0 U	5.0	1.0	
191-24-2	Benzo(g,h,i)perylene	5.0 U	5.0	1.0	
207-08-9	Benzo(k)fluoranthene	5.0 U	5.0	1.1	
108-60-1	Bis(1-chloroisopropyl) Ether	5.0 U	5.0	1.4	
111-91-1	Bis(2-chloroethoxy)methane	5.0 U	5.0	1.3	
111-44-4	Bis(2-chloroethyl) Ether	5.0 U	5.0	1.0	
117-81-7	Bis(2-ethylhexyl) Phthalate	5.0 U	5.0	1.2	
85-68-7	Butyl Benzyl Phthalate	5.0 U	5.0	1.0	
218-01-9	Chrysene	5.0 U	5.0	1.2	

**COLUMBIA ANALYTICAL SERVICES, INC.**

Analytical Report

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

**Service Request:** R1103303  
**Date Collected:** NA  
**Date Received:** NA  
**Date Extracted:** 6/15/11  
**Date Analyzed:** 6/20/11 16:33

**Sample Name:** Method Blank  
**Lab Code:** RQ1105729-01

**Units:** µg/L  
**Basis:** NA

**Semivolatile Organic Compounds by GC/MS**

**Analytical Method:** 625  
**Prep Method:** EPA 3510C  
**Data File Name:** J:\ACQUDATA\5973D\DATA\062011\AI279.D\

**Analysis Lot:** 250713  
**Extraction Lot:** 135864  
**Instrument Name:** R-MS-54  
**Dilution Factor:** 1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
84-74-2	Di-n-butyl Phthalate	5.0	U	5.0	1.0	
117-84-0	Di-n-octyl Phthalate	5.0	U	5.0	1.1	
53-70-3	Dibenz(a,h)anthracene	5.0	U	5.0	1.0	
84-66-2	Diethyl Phthalate	5.0	U	5.0	1.0	
131-11-3	Dimethyl Phthalate	5.0	U	5.0	1.0	
206-44-0	Fluoranthene	5.0	U	5.0	1.0	
86-73-7	Fluorene	5.0	U	5.0	1.1	
118-74-1	Hexachlorobenzene	5.0	U	5.0	1.1	
87-68-3	Hexachlorobutadiene	5.0	U	5.0	1.3	
77-47-4	Hexachlorocyclopentadiene	5.0	U	5.0	2.0	
67-72-1	Hexachloroethane	5.0	U	5.0	1.3	
193-39-5	Indeno(1,2,3-cd)pyrene	5.0	U	5.0	1.0	
78-59-1	Isophorone	5.0	U	5.0	1.4	
621-64-7	N-Nitrosodi-n-propylamine	5.0	U	5.0	1.6	
62-75-9	N-Nitrosodimethylamine	5.0	U	5.0	1.0	
86-30-6	N-Nitrosodiphenylamine	5.0	U	5.0	1.2	
91-20-3	Naphthalene	5.0	U	5.0	1.1	
98-95-3	Nitrobenzene	5.0	U	5.0	1.3	
87-86-5	Pentachlorophenol (PCP)	50	U	50	23	
85-01-8	Phenanthrene	5.0	U	5.0	1.0	
108-95-2	Phenol	5.0	U	5.0	1.0	
129-00-0	Pyrene	5.0	U	5.0	1.0	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	78	28-157	6/20/11 16:33	
2-Fluorobiphenyl	70	37-118	6/20/11 16:33	
2-Fluorophenol	43	12-84	6/20/11 16:33	
Nitrobenzene-d5	71	38-120	6/20/11 16:33	
Phenol-d6	29	10-74	6/20/11 16:33	
p-Terphenyl-d14	82	40-133	6/20/11 16:33	



**COLUMBIA ANALYTICAL SERVICES, INC.**

QA/QC Report

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

**Service Request:** R1103303  
**Date Analyzed:** 6/14/11

**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:** 249848

**Lab Control Sample**  
 RQ1105703-03

<b>Analyte Name</b>	<b>Result</b>	<b>Spike Amount</b>	<b>% Rec</b>	<b>% Rec Limits</b>
1,1,1-Trichloroethane (TCA)	22.6	20.0	113	52 - 162
1,1,2,2-Tetrachloroethane	20.5	20.0	102	46 - 157
1,1,2-Trichloroethane	19.4	20.0	97	52 - 150
1,1-Dichloroethane (1,1-DCA)	22.1	20.0	111	59 - 155
1,1-Dichloroethene (1,1-DCE)	21.7	20.0	109	0 - 234
1,2-Dichlorobenzene	17.4	20.0	87	18 - 190
1,2-Dichloroethane	22.9	20.0	114	49 - 155
1,2-Dichloropropane	20.8	20.0	104	0 - 210
1,3-Dichlorobenzene	17.7	20.0	89	59 - 156
1,4-Dichlorobenzene	17.7	20.0	89	18 - 190
2-Chloroethyl Vinyl Ether	20.1	20.0	100	0 - 305
Acrolein	146	100	146	10 - 174
Acrylonitrile	127	100	127	61 - 141
Benzene	19.5	20.0	98	37 - 151
Bromodichloromethane	20.5	20.0	102	35 - 155
Bromoform	19.0	20.0	95	45 - 169
Bromomethane	20.0	20.0	100	0 - 242
Carbon Tetrachloride	20.0	20.0	100	70 - 140
Chlorobenzene	19.3	20.0	97	37 - 160
Chloroethane	20.9	20.0	105	14 - 230
Chloroform	22.9	20.0	114	51 - 138
Chloromethane	20.3	20.0	101	0 - 273
Chlorodibromomethane	19.4	20.0	97	53 - 149
Dichlorodifluoromethane (CFC 12)	18.3	20.0	92	47 - 148
Methylene Chloride	21.1	20.0	105	0 - 221
Ethylbenzene	20.2	20.0	101	37 - 162
Tetrachloroethene (PCE)	18.4	20.0	92	64 - 148
Toluene	19.1	20.0	96	47 - 150
Trichloroethene (TCE)	19.3	20.0	97	71 - 157
Trichlorofluoromethane (CFC 11)	22.6	20.0	113	17 - 181
Vinyl Chloride	22.6	20.0	113	0 - 251
cis-1,3-Dichloropropene	18.9	20.0	95	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:** R1103303  
**Date Analyzed:** 6/14/11

**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:** 249848

**Lab Control Sample**  
RQ1105703-03

<b>Analyte Name</b>	<b>Result</b>	<b>Spike Amount</b>	<b>% Rec</b>	<b>% Rec Limits</b>
trans-1,2-Dichloroethene	20.6	20.0	103	54 - 156
trans-1,3-Dichloropropene	20.4	20.0	102	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:** R1103303  
**Date Analyzed:** 6/20/11

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

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

**Units:** µg/L  
**Basis:** NA

**Extraction Lot:** 135864

Analyte Name	Lab Control Sample RQ1105729-02			Duplicate Lab Control Sample RQ1105729-03			% Rec Limits	RPD	RPD Limit
	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
1,2,4-Trichlorobenzene	47.9	100	48	46.6	100	47	29 - 85	3	30
1,2-Diphenylhydrazine	85.9	100	86	87.1	100	87	64 - 114	1	30
2,4,6-Trichlorophenol	93.1	100	93	90.6	100	91	37 - 144	3	30
2,4-Dichlorophenol	68.3	100	68	67.7	100	68	39 - 135	<1	30
2,4-Dimethylphenol	54.9	100	55	56.0	100	56	32 - 119	2	30
2,4-Dinitrophenol	90.8	100	91	91.2	100	91	0 - 191	<1	30
2,4-Dinitrotoluene	99.2	100	99	98.3	100	98	39 - 139	<1	30
2,6-Dinitrotoluene	99.4	100	99	96.7	100	97	50 - 158	3	30
2-Chloronaphthalene	73.6	100	74	72.0	100	72	60 - 118	2	30
2-Chlorophenol	81.5	100	81	78.9	100	79	23 - 134	3	30
2-Nitrophenol	69.6	100	70	67.5	100	68	29 - 182	3	30
3,3'-Dichlorobenzidine	78.5	100	79	80.7	100	81	0 - 262	3	30
4,6-Dinitro-o-cresol	91.5	100	92	94.2	100	94	0 - 181	3	30
4-Bromophenyl Phenyl Ether	87.1	100	87	89.1	100	89	53 - 127	2	30
4-Chloro-m-cresol	72.5	100	72	71.8	100	72	22 - 147	<1	30
4-Chlorophenyl Phenyl Ether	87.1	100	87	86.3	100	86	25 - 158	<1	30
4-Nitrophenol	41.3	100	41	40.2	100	40	0 - 132	3	30
Acenaphthene	85.9	100	86	85.3	100	85	47 - 145	<1	30
Acenaphthylene	86.3	100	86	85.0	100	85	33 - 145	1	30
Anthracene	91.1	100	91	93.3	100	93	27 - 133	2	30
Benz(a)anthracene	94.8	100	95	96.0	100	96	33 - 143	1	30
Benzidine	100 U	100	0 *	100 U	100	0 *	10 - 78	<1	30
Benzo(a)pyrene	85.4	100	85	87.2	100	87	17 - 163	2	30
3,4-Benzofluoranthene	96.4	100	96	99.6	100	100	24 - 159	3	30
Benzo(g,h,i)perylene	99.2	100	99	103	100	103	0 - 219	4	30
Benzo(k)fluoranthene	98.2	100	98	100	100	100	11 - 162	2	30
Bis(1-chloroisopropyl) Ether	90.6	100	91	86.4	100	86	36 - 166	5	30
Bis(2-chloroethoxy)methane	67.0	100	67	65.7	100	66	33 - 184	2	30
Bis(2-chloroethyl) Ether	82.9	100	83	81.8	100	82	12 - 158	1	30
Bis(2-ethylhexyl) Phthalate	95.4	100	95	97.5	100	98	8 - 158	2	30
Butyl Benzyl Phthalate	90.1	100	90	91.9	100	92	0 - 152	2	30
Chrysene	95.4	100	95	96.5	100	96	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:** R1103303  
**Date Analyzed:** 6/20/11

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

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

**Units:** µg/L  
**Basis:** NA

**Extraction Lot:** 135864

Analyte Name	Lab Control Sample RQ1105729-02			Duplicate Lab Control Sample RQ1105729-03			% Rec Limits	RPD	RPD Limit
	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
Di-n-butyl Phthalate	94.4	100	94	94.7	100	95	1 - 118	<1	30
Di-n-octyl Phthalate	95.2	100	95	96.0	100	96	4 - 146	<1	30
Dibenz(a,h)anthracene	95.3	100	95	97.3	100	97	0 - 227	2	30
Diethyl Phthalate	94.9	100	95	93.4	100	93	0 - 114	2	30
Dimethyl Phthalate	92.0	100	92	91.8	100	92	0 - 112	<1	30
Fluoranthene	98.2	100	98	97.8	100	98	26 - 137	<1	30
Fluorene	92.3	100	92	90.7	100	91	59 - 121	2	30
Hexachlorobenzene	88.9	100	89	90.3	100	90	0 - 152	2	30
Hexachlorobutadiene	48.1	100	48	45.8	100	46	24 - 116	5	30
Hexachlorocyclopentadiene	56.6	100	57	57.0	100	57	10 - 79	<1	30
Hexachloroethane	57.6	100	58	55.5	100	56	40 - 113	4	30
Indeno(1,2,3-cd)pyrene	94.4	100	94	96.9	100	97	0 - 171	3	30
Isophorone	68.9	100	69	68.4	100	68	21 - 196	<1	30
N-Nitrosodi-n-propylamine	85.4	100	85	84.3	100	84	0 - 230	1	30
N-Nitrosodimethylamine	52.3	100	52	51.8	100	52	34 - 130	<1	30
N-Nitrosodiphenylamine	90.3	100	90	91.8	100	92	50 - 117	2	30
Naphthalene	54.6	100	55	52.9	100	53	21 - 133	3	30
Nitrobenzene	63.9	100	64	62.2	100	62	35 - 180	3	30
Pentachlorophenol (PCP)	92.7	100	93	96.8	100	97	14 - 176	4	30
Phenanthrene	95.1	100	95	96.3	100	96	54 - 120	1	30
Phenol	38.5	100	38	36.6	100	37	5 - 112	5	30
Pyrene	93.7	100	94	94.6	100	95	52 - 115	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.



**Cooler Receipt And Preservation Check Form**

Project/Client AE Pittsfield Folder Number 811-3303

Cooler received on 6/14/11 by: (SR) 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 VOA vials, Alkalinity, or Sulfide 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: 3.5° 2.8°

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: 6/14/11 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: (SR)

Cooler Breakdown: Date: 6/14/11 Time: 1208 by: DPW

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	Lot Received		Exp	Sample ID	Vol. Added	Lot Added	Final pH
		YES	NO					
≥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>	-	-					
	Zn Aceta	-	-					
	HCl	*	*	4110020	3/12			

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

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

Bottle lot numbers: 0-235-005, 0-100-155, 0-314-004

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

PC Secondary Review: (SR)

\*significant air bubbles: VOA > 5-6 mm : WC > 1 in. diameter

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-T
PERMIT NUMBER	DISCHARGE NUMBER

DMR Mailing ZIP CODE: 01201

MAJOR  
(SUBR W)  
TOXICITY 64G INTERNAL THROUGH 005  
Internal Outfall

MONITORING PERIOD			
MM/DD/YYYY		MM/DD/YYYY	
06/01/2011	FROM	06/30/2011	TO

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
LC50 Static 48Hr Acute Ceriodaphnia	SAMPLE MEASUREMENT	*****	*****	*****	100	*****	*****	%	0	QTRLY	COMP24
	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AV MN	*****	*****	%		Quarterly	COMP24
TAA3B 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	75	*****	*****	%	0	QTRLY	COMP24
	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AV MN	*****	*****	%		Quarterly	COMP24
Noel Static 7Day Chronic Ceriodaphnia	SAMPLE MEASUREMENT	*****	*****	*****	87	*****	*****	%	0	QTRLY	COMP24
	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AV MN	*****	*****	%		Quarterly	COMP24
TBD3B 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	87	*****	*****	%	0	QTRLY	COMP24
	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AV MN	*****	*****	%		Quarterly	COMP24
IC25 Static Renewal 7 Day Chronic Chrceriodaphnia	SAMPLE MEASUREMENT	*****	*****	*****	87	*****	*****	%	0	QTRLY	COMP24
	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AV MN	*****	*****	%		Quarterly	COMP24
TRP3B 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	87	*****	*****	%	0	QTRLY	COMP24
	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AV MN	*****	*****	%		Quarterly	COMP24

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER MICHAEL T CARROLL AREA: PITTSFIELD PERMITS DIVISION, PFDL 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)

TEST MARCH, JUNE SEPT, DEC., SUBMIT REPORT WITH DMR.

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 06/01/2011	TO 06/30/2011

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	0.0100	0.0259	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 M.T.C. (OFFICE) (P) (DATE) (P) (S) 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  Michael T. Carroll	TELEPHONE		DATE
			AREA Code	NUMBER	MM/DD/YYYY

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

FLOW TOTAL SEE FOOTNOTE 4.



Attachment E - Outfall 64T

Date	Estimated Flow - MGD	Rain/Precip Total - In	Rain/Precip Peak - In
06/01/11		0.00	0.00
06/02/11		0.53	0.49
06/03/11		0.00	0.00
06/04/11		0.00	0.00
06/05/11	0.0010	0.00	0.00
06/06/11		0.00	0.00
06/07/11		0.00	0.00
06/08/11		0.00	0.00
06/09/11		0.44	0.42
06/10/11		0.97	0.92
06/11/11		0.32	0.25
06/12/11		0.59	0.32
06/13/11	0.0058	0.03	0.03
06/14/11		0.21	0.14
06/15/11		0.22	0.09
06/16/11		0.00	0.00
06/17/11		0.17	0.12
06/18/11		0.51	0.44
06/19/11	0.0072	0.00	0.00
06/20/11		0.00	0.00
06/21/11		0.00	0.00
06/22/11		0.00	0.00
06/23/11		1.17	0.55
06/24/11		0.65	0.41
06/25/11		0.36	0.30
06/26/11		0.81	0.46
06/27/11	0.0259	0.00	0.00
06/28/11		0.00	0.00
06/29/11		0.68	0.54
06/30/11		0.00	0.00

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	005-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
FROM 06/01/2011	TO 06/30/2011

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

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	.....	.....	.....	7.77	.....	7.80	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	0	lb/d	0	.....	0	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	0.02	0.03	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	0.7521	0.4280	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	0.7145	0.2230	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 MAJOR DISCHARGE OPERATIONS SUPERVISOR 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) 448-1502		07/26/2011

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	Rain/Precip Total - In	Rain/Precip Peak - In
06/01/11								0.1913	NO	0.00	0.00
06/02/11								0.2471	NO	0.53	0.49
06/03/11								0.2235	NO	0.00	0.00
06/04/11								0.1885	NO	0.00	0.00
06/05/11								0.2217	NO	0.00	0.00
06/06/11	7.80	U1.00	1,C	U4.20	1,G	0	C	0.2059	NO	0.00	0.00
06/07/11								0.2051	NO	0.00	0.00
06/08/11								0.2054	NO	0.00	0.00
06/09/11								0.2598	NO	0.44	0.42
06/10/11								0.2934	NO	0.97	0.92
06/11/11								0.2556	NO	0.32	0.25
06/12/11								0.3746	NO	0.59	0.32
06/13/11	7.77	U1.00	1,C	U4.10	1,G	0.0513	C	0.2230	NO	0.03	0.03
06/14/11								0.2740	NO	0.21	0.14
06/15/11								0.3160	NO	0.22	0.09
06/16/11								0.1766	NO	0.00	0.00
06/17/11								0.1960	NO	0.17	0.12
06/18/11								0.2036	NO	0.51	0.44
06/19/11								0.2079	NO	0.00	0.00
06/20/11								0.1727	NO	0.00	0.00
06/21/11								0.1967	NO	0.00	0.00
06/22/11								0.2142	NO	0.00	0.00
06/23/11								0.4230	NO	1.17	0.55
06/24/11								0.3622	NO	0.65	0.41
06/25/11								0.3177	NO	0.36	0.30
06/26/11								0.3585	YES	0.81	0.46
06/27/11								0.2354	NO	0.00	0.00
06/28/11								0.2393	NO	0.00	0.00
06/29/11								0.3007	NO	0.68	0.54
06/30/11								0.2748	NO	0.00	0.00

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

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

Form Approved  
OMB No. 2040-0004

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


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

MA0003891	W005-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
FROM 06/01/2011	TO 06/30/2011

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

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	.....	.....	.....	7.73	.....	7.73	SU	0	1/QTR	GRAB
	PERMIT REQUIREMENT	.....	.....	.....	6.5 MINIMUM	.....	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	0	0	lb/d	0	.....	0	mg/L	0	3/QTR	COMP
	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	.....	.....	.....	.....	.....	0	mg/L	0	1/QTR	GRAB
	PERMIT REQUIREMENT	.....	.....	.....	.....	.....	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs) 39516 1 0 Effluent Gross	SAMPLE MEASUREMENT	0.0005	0.0009	lb/d	0.1501	.....	0.2866	ug/L	0	3/QTR	COMP
	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	NOD(9)	NOD(9)		.....	.....	.....	.....			
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	.....	.....	.....	.....		Continuous	RCORDR
Flow, total 82220 1 0 Effluent Gross	SAMPLE MEASUREMENT	NOD(9)	NOD(9)		.....	.....	.....	.....			
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	.....	.....	.....	.....		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER MICHAEL T CARROLL MICHAEL 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.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
			AREA Code	NUMBER
			(413) 448 5902	07/26/2011

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
SEE PAGE 5 OF PERMIT. FLOW TOTAL SEE FOOTNOTE 4.

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

Form Approved  
OMB No. 2040-0004

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

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

MA0003891	D05A-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
FROM 06/01/2011	TO 06/30/2011

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	*****	*****	*****	NOD (9)	*****	NOD (9)				
	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM	SU		Twice Per Month	GRAB
Solids, total suspended 00530 Y 0 Effluent Gross (Supplementary)	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 Per Month	COMP24
Oil & Grease 00556 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	NOD (9)	*****	NOD (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	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 Per Month	COMP24
Flow, in conduit or thru treatment plant 50050 Y 0 Effluent Gross (Supplementary)	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 GENERAL ELECTRIC COMPANY 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) 442-1002	07/26/2011

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

TOTAL FLOW SEE FOOTNOTE 4.

Attachment E - Outfall 05A Dry

Date	Estimated Flow - MGD	Rain/Precip Total - in	Rain/Precip Peak - in	Flooded Condition
06/01/11		0.00	0.00	NO
06/02/11		0.53	0.49	NO
06/03/11		0.00	0.00	NO
06/04/11		0.00	0.00	NO
06/05/11		0.00	0.00	NO
06/06/11		0.00	0.00	NO
06/07/11		0.00	0.00	NO
06/08/11		0.00	0.00	NO
06/09/11		0.44	0.42	NO
06/10/11		0.97	0.92	NO
06/11/11		0.32	0.25	NO
06/12/11		0.59	0.32	NO
06/13/11		0.03	0.03	NO
06/14/11		0.21	0.14	NO
06/15/11		0.22	0.09	NO
06/16/11		0.00	0.00	NO
06/17/11		0.17	0.12	NO
06/18/11		0.51	0.44	NO
06/19/11		0.00	0.00	NO
06/20/11		0.00	0.00	NO
06/21/11		0.00	0.00	NO
06/22/11		0.00	0.00	NO
06/23/11		1.17	0.55	NO
06/24/11		0.65	0.41	NO
06/25/11		0.36	0.30	NO
06/26/11		0.81	0.46	YES
06/27/11		0.00	0.00	NO
06/28/11		0.00	0.00	NO
06/29/11		0.68	0.54	NO
06/30/11		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	W05A-A
PERMIT NUMBER	DISCHARGE NUMBER
<b>MONITORING PERIOD</b>	
MM/DD/YYYY	MM/DD/YYYY
FROM 06/01/2011	TO 06/30/2011

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

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	.....	.....	.....	7.42	.....	7.42	SU	0	1/QT	GRAB
	PERMIT REQUIREMENT	.....	.....	.....	6.5 MINIMUM	.....	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	123.81	182.63	lbs/d	71.33	.....	85.00	mg/L	0	3/QT	COMP
	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	0	0	lbs/d	.....	.....	0	mg/L	0	1/QT	GRAB
	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	0.0073	0.0099	lbs/d	4.4283	.....	5.6100	ug/L	0	3/QT	COMP
	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	NODATA	NODATA		.....	.....	.....	.....			
	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	0.1165	0.2771	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	14	.....	#	.....	.....	.....	.....	0	DAILY WHEN DISCHARGING	VISUAL
	PERMIT REQUIREMENT	Req. Mon. TOTAL	.....	#	.....	.....	.....	.....		Daily When Discharging	VISUAL

<b>NAME/TITLE PRINCIPAL EXECUTIVE OFFICER</b> MICHAEL T CARROLL MAJOR, PITTSFIELD CONSTRUCTION DIVISION 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 (413) 442-5992 NUMBER	DATE 07/26/2011 MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 SEE PAGE 7 OF PERMIT. FLOW TOTAL SEE FOOTNOTE 4.

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

Form Approved  
OMB No. 2040-0004

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

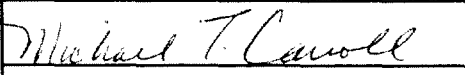
**NAME:** GENERAL ELECTRIC PITTSFIELD  
**ADDRESS:** 159 PLASTICS AVE  
PITTSFIELD, MA 01201  
**FACILITY:** GENERAL ELECTRIC COMPANY  
**LOCATION:** 159 PLASTICS AVE  
PITTSFIELD, MA 01201  
**ATTN:** MICHAEL T CARROLL, EHS&F

MA0003891		W05A-A	
PERMIT NUMBER		DISCHARGE NUMBER	
MONITORING PERIOD			
MM/DD/YYYY		MM/DD/YYYY	
FROM	06/01/2011	TO	06/30/2011

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

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Flow, total	<b>SAMPLE MEASUREMENT</b>	NOD(9)	NOD(9)		*****	*****	*****	*****			
82220 10 Effluent Gross	<b>PERMIT REQUIREMENT</b>	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Continuous	RCORDR

<b>NAME/TITLE PRINCIPAL EXECUTIVE OFFICER</b> MICHAEL T CARROLL MAJOR PITTSFIELD POLLUTION CONTROL 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 (413) 442-5902		DATE 07/26/2011
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 		AREA Code

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	Rain/Precip Total - In	Rain/Precip Peak - In
06/01/11										NO	0.00	0.00
06/02/11								0.1230		NO	0.53	0.49
06/03/11										NO	0.00	0.00
06/04/11										NO	0.00	0.00
06/05/11										NO	0.00	0.00
06/06/11										NO	0.00	0.00
06/07/11										NO	0.00	0.00
06/08/11										NO	0.00	0.00
06/09/11								0.0795		NO	0.44	0.42
06/10/11								0.1346		NO	0.97	0.92
06/11/11								0.0519		NO	0.32	0.25
06/12/11								0.1323		NO	0.59	0.32
06/13/11										NO	0.03	0.03
06/14/11								0.0143		NO	0.21	0.14
06/15/11								0.0046		NO	0.22	0.09
06/16/11										NO	0.00	0.00
06/17/11								0.0041		NO	0.17	0.12
06/18/11								0.1232		NO	0.51	0.44
06/19/11										NO	0.00	0.00
06/20/11										NO	0.00	0.00
06/21/11										NO	0.00	0.00
06/22/11										NO	0.00	0.00
06/23/11								0.2771		NO	1.17	0.55
06/24/11								0.2016		NO	0.65	0.41
06/25/11								0.0822		NO	0.36	0.30
06/26/11								0.2218		YES	0.81	0.46
06/27/11										NO	0.00	0.00
06/28/11										NO	0.00	0.00
06/29/11								0.1814		NO	0.68	0.54
06/30/11										NO	0.00	0.00

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

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

Form Approved  
OMB No. 2040-0004

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

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

MA0003891	W05B-A
PERMIT NUMBER	DISCHARGE NUMBER


  

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
FROM 06/01/2011	TO 06/30/2011

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

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	7.67	*****	7.67	SU	0	1/QT	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	169.00	*****	169.00	mg/L	0	1/QT	COMP
	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	mg/L		Quarterly	COMPOS
Oil & Grease 00556 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0	mg/L	0	1/QT	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs) 39516 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	17.63	*****	17.63	ug/L	0	1/QT	COMP
	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	ug/L		Quarterly	COMPOS
Rainfall 46529 1 0 Effluent Gross	SAMPLE MEASUREMENT	NOD(9)	NOD(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	0.0202	0.0369	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	10	*****	#	*****	*****	*****	*****	0	DAILY WHEN DISCHARGING	VISUAL
	PERMIT REQUIREMENT	Req. Mon. TOTAL	*****	#	*****	*****	*****	*****		Daily When Discharging	VISUAL

<b>NAME/TITLE PRINCIPAL EXECUTIVE OFFICER</b> MICHAEL T CARROLL MAJ. PITTSFIELD POLLUTION 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.	<b>TELEPHONE</b> (413) 448-5902		<b>DATE</b> 07/26/2011
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 		AREA Code

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
<b>MONITORING PERIOD</b>	
MM/DD/YYYY	MM/DD/YYYY
FROM 06/01/2011	TO 06/30/2011

**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	<b>SAMPLE MEASUREMENT</b>	NOD(19)	NOD(19)		*****	*****	*****	*****			
82220 1 0 Effluent Gross	<b>PERMIT REQUIREMENT</b>	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Continuous	RCODR

<b>NAME/TITLE PRINCIPAL EXECUTIVE OFFICER</b>	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.	<b>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</b>		<b>TELEPHONE</b>	<b>DATE</b>
MICHAEL T. CARROLL MGR, PITTSFIELD REMEDIATION DIV. TYPED OR PRINTED		<i>Michael T. Carroll</i>	(413) 448-5802	07/26/2011	
		AREA Code	NUMBER	MM/DD/YYYY	

**COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)**  
SEE PAGE 8 OF PERMIT. FLOW TOTAL SEE FOOTNOTE 4.

Attachment E - Outfall 05B Wet

Date	pH	TSS MG/L	FN	Oil & Grease MG/L	FN	PCB UG/L	FN	Metered Flow - MGD	Calculated Flow - MGD	Rain/Precip Total - In	Rain/Precip Peak - In
06/01/11										0.00	0.00
06/02/11										0.53	0.49
06/03/11										0.00	0.00
06/04/11										0.00	0.00
06/05/11										0.00	0.00
06/06/11										0.00	0.00
06/07/11										0.00	0.00
06/08/11										0.00	0.00
06/09/11								0.0045		0.44	0.42
06/10/11								0.0263		0.97	0.92
06/11/11								0.0042		0.32	0.25
06/12/11								0.0163		0.59	0.32
06/13/11										0.03	0.03
06/14/11										0.21	0.14
06/15/11										0.22	0.09
06/16/11										0.00	0.00
06/17/11										0.17	0.12
06/18/11								0.0168		0.51	0.44
06/19/11										0.00	0.00
06/20/11										0.00	0.00
06/21/11										0.00	0.00
06/22/11										0.00	0.00
06/23/11								0.0260		1.17	0.55
06/24/11								0.0068		0.65	0.41
06/25/11								0.0065		0.36	0.30
06/26/11								0.0569		0.81	0.46
06/27/11										0.00	0.00
06/28/11										0.00	0.00
06/29/11								0.0376		0.68	0.54
06/30/11										0.00	0.00

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

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

Form Approved  
OMB No 2040-0064

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

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

MA0003891	D006-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
FROM 06/01/2011	TO 06/30/2011

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

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	*****	*****	*****	NOD (9)	*****	NOD (9)				
	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM	SU		Twice Every Month	GRAB
00400 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
Solids, total suspended	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NOD (9)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	15 DAILY MX	mg/L		Twice Every Month	GRAB
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	ug/L		Twice Every Month	COMP24
Oil & Grease	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NOD (9)				
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	15 DAILY MX	mg/L		Twice Every Month	GRAB
00556 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
Polychlorinated biphenyls (PCBs)	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	*****	*****	*****	NOD (9)	*****	NOD (9)				
	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	ug/L		Twice Every Month	GRAB
Volatile Organic Compound (VOC)	SAMPLE MEASUREMENT	*****	*****	*****	NOD (9)	*****	NOD (9)				
	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	ug/L		Twice Every Month	GRAB
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)	SAMPLE MEASUREMENT	*****	*****	*****	NOD (9)	*****	NOD (9)				
	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	ug/L		Twice Every Month	GRAB
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. PITSFIELD 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
			413-448-5502	07/26/2011

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

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

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

Form Approved  
OMB No. 2040-0004

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

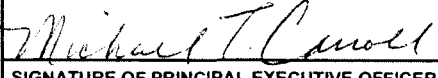
**NAME:** GENERAL ELECTRIC PITTSFIELD  
**ADDRESS:** 159 PLASTICS AVE  
PITTSFIELD, MA 01201  
**FACILITY:** GENERAL ELECTRIC COMPANY  
**LOCATION:** 159 PLASTICS AVE  
PITTSFIELD, MA 01201  
**ATTN:** MICHAEL T CARROLL, EHS&F

MA0003891		D006-A	
PERMIT NUMBER		DISCHARGE NUMBER	
MONITORING PERIOD			
MM/DD/YYYY		MM/DD/YYYY	
FROM	06/01/2011	TO	06/30/2011

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

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Flow, total	SAMPLE MEASUREMENT	NOD(19)	NOD(19)		*****	*****	*****	*****			
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Weekly	ESTIMA

<b>NAME/TITLE PRINCIPAL EXECUTIVE OFFICER</b> 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.	<b>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</b> 		<b>TELEPHONE</b> (413) 478-5502		<b>DATE</b> 07/26/2011
		AREA Code	NUMBER	MM/DD/YYYY		

**COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)**  
SEE PAGE 9 OF PERMIT; FLOW TOTAL SEE FOOTNOTE 4. SEMIVOLATILES UNDER 51415.

Attachment E - Outfall 006 Dry

Date	Estimated Flow - MGD	Rain/Precip Total - In	Rain/Precip Peak - In
06/01/11		0.00	0.00
06/02/11		0.53	0.49
06/03/11		0.00	0.00
06/04/11		0.00	0.00
06/05/11	0	0.00	0.00
06/06/11		0.00	0.00
06/07/11		0.00	0.00
06/08/11		0.00	0.00
06/09/11		0.44	0.42
06/10/11		0.97	0.92
06/11/11		0.32	0.25
06/12/11		0.59	0.32
06/13/11	0	0.03	0.03
06/14/11		0.21	0.14
06/15/11		0.22	0.09
06/16/11		0.00	0.00
06/17/11		0.17	0.12
06/18/11		0.51	0.44
06/19/11	0	0.00	0.00
06/20/11		0.00	0.00
06/21/11		0.00	0.00
06/22/11		0.00	0.00
06/23/11		1.17	0.55
06/24/11		0.65	0.41
06/25/11		0.36	0.30
06/26/11		0.81	0.46
06/27/11	0	0.00	0.00
06/28/11		0.00	0.00
06/29/11		0.68	0.54
06/30/11		0.00	0.00

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

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 06/01/2011 TO 06/30/2011

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	.....	.....	.....	7.78	.....	7.78	SU	0	1/QTR	GRAB
	PERMIT REQUIREMENT	.....	.....	.....	6.5 MINIMUM	.....	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	120.78	199.69	lbs/d	142.60	.....	229.00	MSL	0	3/QTR	COMP
	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	.....	.....	.....	.....	.....	0	MSL	0	1/QTR	GRAB
	PERMIT REQUIREMENT	.....	.....	.....	.....	.....	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs) 39516 1 0 Effluent Gross	SAMPLE MEASUREMENT	0.0006	0.0014	lbs/d	0.8053	.....	1.6220	UGL	0	3/QTR	COMP
	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	NOD(9)	NOD(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	NOD(9)	NOD(9)		.....	.....	.....	.....			
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	.....	.....	.....	.....		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <i>Michael T Carroll</i> Mgr. Pittsfield Remediation Progs 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>		MM/DD/YYYY
		AREA Code	NUMBER	

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

SEE PAGE 10 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  
PERMIT NUMBER

W06A-A  
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	06/01/2011	TO	06/30/2011

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	*****	*****	*****	6.93	*****	6.93	SU	0	1/QTR	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	84.12	84.12	lbs/d	394.00	*****	394.00	mg/L	0	1/QTR	COMP
	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	*****	*****	*****	*****	*****	4.40	mg/L	0	1/QTR	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs) 39516 1 0 Effluent Gross	SAMPLE MEASUREMENT	0.0010	0.0010	lbs/d	4.4700	*****	4.4700	ug/L	0	1/QTR	COMP
	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	0.53	0.53	IN	*****	*****	*****	*****	0	DAILY WHEN DISCHARGING	TOTALZ
	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	0.0138	0.0447	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	10	*****	#	*****	*****	*****	*****	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 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) 447-5902		07/26/2011

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

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

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

Form Approved  
OMB No. 2040-0004

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


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

MA0003891		W06A-A	
PERMIT NUMBER		DISCHARGE NUMBER	
MONITORING PERIOD			
MM/DD/YYYY		MM/DD/YYYY	
FROM	06/01/2011	TO	06/30/2011

**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	<b>SAMPLE MEASUREMENT</b>	0.0756	0.0756	MGD	*****	*****	*****	*****	0	CONT	RCORD
82220 1 0 Effluent Gross	<b>PERMIT REQUIREMENT</b>	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Continuous	RCORDR

<b>NAME/TITLE PRINCIPAL EXECUTIVE OFFICER</b> MICHAEL T. CARROLL MGR. PITSFIELD OPERATIONS PROD. 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.	<b>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</b> 		<b>TELEPHONE</b> (413) 448-5992	<b>DATE</b> 07/26/2011
		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	Rain/Precip Total - In	Rain/Precip Peak - In
06/01/11		394.00	C			4.480	C				0.00	0.00
06/02/11								0.0256			0.53	0.49
06/03/11											0.00	0.00
06/04/11											0.00	0.00
06/05/11											0.00	0.00
06/06/11											0.00	0.00
06/07/11											0.00	0.00
06/08/11											0.00	0.00
06/09/11								0.0066			0.44	0.42
06/10/11								0.0447			0.97	0.92
06/11/11											0.32	0.25
06/12/11								0.0010			0.59	0.32
06/13/11											0.03	0.03
06/14/11											0.21	0.14
06/15/11											0.22	0.09
06/16/11											0.00	0.00
06/17/11											0.17	0.12
06/18/11								0.0050			0.51	0.44
06/19/11											0.00	0.00
06/20/11											0.00	0.00
06/21/11											0.00	0.00
06/22/11											0.00	0.00
06/23/11								0.0190			1.17	0.55
06/24/11								0.0037			0.65	0.41
06/25/11								0.0029			0.36	0.30
06/26/11								0.0186			0.81	0.46
06/27/11											0.00	0.00
06/28/11											0.00	0.00
06/29/11								0.0105			0.68	0.54
06/30/11											0.00	0.00

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

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

Form Approved  
OMB No. 2040-0004

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

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

MA0003891	SRO5-A
PERMIT NUMBER	DISCHARGE NUMBER
<b>MONITORING PERIOD</b>	
MM/DD/YYYY	MM/DD/YYYY
FROM 06/01/2011	TO 06/30/2011

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	0.67	1.17	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	10	*****	#	*****	*****	*****	*****	0	DAILY WHEN DISCHARGING	VISUAL
51484 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. TOTAL	*****	#	*****	*****	*****	*****		Daily When Discharging	VISUAL
Flow, total	SAMPLE MEASUREMENT	0.045	0.1596	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 MGA, PITTSFIELD DISCHARGE ELIMINATION PROGRAM 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)

TOTAL FLOW SEE FOOTNOTE 3.

Attachment E - Outfall SR05A

Date	Metered Flow - MGD	Rain/Precip Total - In	Rain/Precip Peak - In
06/01/11		0.00	0.00
06/02/11	0.0142	0.53	0.49
06/03/11		0.00	0.00
06/04/11		0.00	0.00
06/05/11		0.00	0.00
06/06/11		0.00	0.00
06/07/11		0.00	0.00
06/08/11		0.00	0.00
06/09/11	0.0006	0.44	0.42
06/10/11	0.0205	0.97	0.92
06/11/11		0.32	0.25
06/12/11	0.0035	0.59	0.32
06/13/11		0.03	0.03
06/14/11		0.21	0.14
06/15/11		0.22	0.09
06/16/11		0.00	0.00
06/17/11		0.17	0.12
06/18/11	0.0164	0.51	0.44
06/19/11		0.00	0.00
06/20/11		0.00	0.00
06/21/11		0.00	0.00
06/22/11		0.00	0.00
06/23/11	0.0825	1.17	0.55
06/24/11	0.0277	0.65	0.41
06/25/11	0.0289	0.36	0.30
06/26/11	0.1596	0.81	0.46
06/27/11		0.00	0.00
06/28/11		0.00	0.00
06/29/11	0.0612	0.68	0.54
06/30/11		0.00	0.00

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	09B-A
PERMIT NUMBER	DISCHARGE NUMBER
<b>MONITORING PERIOD</b>	
MM/DD/YYYY	MM/DD/YYYY
FROM 06/01/2011	TO 06/30/2011

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

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	7.61	*****	7.61	SU	0	1/QTR	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	4.70	9.66	lbs/d	6.97	*****	12.50	mg/L	0	3/QTR	COMP24
	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	*****	0	lbs/d	*****	*****	0	mg/L	0	1/QTR	GRAB
	PERMIT REQUIREMENT	*****	438 DAILY MX	lb/d	*****	*****	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs) 39516 1 0 Effluent Gross	SAMPLE MEASUREMENT	0.00002	0.00006	lbs/d	0.0268	*****	0.0703	ug/L	0	3/QTR	COMP24
	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	0.97	0.97	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	0.0234	0.1271	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	0.0865	0.0865	MGD	*****	*****	*****	*****	0	CONT	RCORDR
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Continuous	RCORDR

<b>NAME/TITLE PRINCIPAL EXECUTIVE OFFICER</b> MICHAEL T. CARROLL MAJOR PITTSFIELD (119W) OUTFALL 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 (4.3) 448-5902	DATE
			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT Michael T. Carroll
		AREA Code	NUMBER

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

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

Attachment E - Outfall 09B

Date	pH	TSS MG/L	FN	Oil & Grease MG/L	FN	PCB UG/L	FN	Metered Flow - MGD	Calculated Flow - MGD	FN	Rain/Precip Total - In	Rain/Precip Peak - In
06/01/11								0.0065			0.00	0.00
06/02/11								0.0856			0.53	0.49
06/03/11								0.0000			0.00	0.00
06/04/11								0.0035			0.00	0.00
06/05/11								0.0000			0.00	0.00
06/06/11								0.0000			0.00	0.00
06/07/11								0.0017			0.00	0.00
06/08/11								0.0033			0.00	0.00
06/09/11								0.0291			0.44	0.42
06/10/11		5.50	C			0	C	0.0865			0.97	0.92
06/11/11								0.0198			0.32	0.25
06/12/11								0.0412			0.59	0.32
06/13/11								0.0022			0.03	0.03
06/14/11								0.0063			0.21	0.14
06/15/11								0.0248			0.22	0.09
06/16/11								0.0016			0.00	0.00
06/17/11								0.0085			0.17	0.12
06/18/11								0.0302			0.51	0.44
06/19/11								0.0003			0.00	0.00
06/20/11								0.0022			0.00	0.00
06/21/11								0.0115			0.00	0.00
06/22/11								0.0000			0.00	0.00
06/23/11								0.1271			1.17	0.55
06/24/11								0.0414			0.65	0.41
06/25/11								0.0185			0.36	0.30
06/26/11								0.0573			0.81	0.46
06/27/11								0.0016			0.00	0.00
06/28/11								0.0103			0.00	0.00
06/29/11								0.0766			0.68	0.54
06/30/11								0.0061			0.00	0.00

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

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

D009-A  
DISCHARGE NUMBER

DMR Mailing ZIP CODE: 01201

MAJOR (SUBR W)  
OUTFALL 009 DRY WEATHER  
External Outfall

MONITORING PERIOD  
MM/DD/YYYY TO MM/DD/YYYY  
FROM 06/01/2011 TO 06/30/2011

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	*****	*****	*****	6.5 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)	*****	NOD(9)				
	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AVG	*****	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
Flow, total 82220 1 0 Effluent Gross	SAMPLE MEASUREMENT	NOD(9)	NOD(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 MGT. PITTSFIELD DISCONTINUED P.A.C. 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 13 OF PERMIT. FLOW TOTAL SEE FOOTNOTE 4.



Attachment E - Outfall 009 Dry

Date	Estimated Flow - MGD	Rain/Precip Total - In	Rain/Precip Peak - In
06/01/11		0.00	0.00
06/02/11		0.53	0.49
06/03/11		0.00	0.00
06/04/11		0.00	0.00
06/05/11	0	0.00	0.00
06/06/11		0.00	0.00
06/07/11		0.00	0.00
06/08/11		0.00	0.00
06/09/11		0.44	0.42
06/10/11		0.97	0.92
06/11/11		0.32	0.25
06/12/11		0.59	0.32
06/13/11	0	0.03	0.03
06/14/11		0.21	0.14
06/15/11		0.22	0.09
06/16/11		0.00	0.00
06/17/11		0.17	0.12
06/18/11		0.51	0.44
06/19/11	0	0.00	0.00
06/20/11		0.00	0.00
06/21/11		0.00	0.00
06/22/11		0.00	0.00
06/23/11		1.17	0.55
06/24/11		0.65	0.41
06/25/11		0.36	0.30
06/26/11		0.81	0.46
06/27/11	0	0.00	0.00
06/28/11		0.00	0.00
06/29/11		0.68	0.54
06/30/11		0.00	0.00

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	W009-A
PERMIT NUMBER	DISCHARGE NUMBER
<b>MONITORING PERIOD</b>	
MM/DD/YYYY	MM/DD/YYYY
FROM 06/01/2011	TO 06/30/2011

**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 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	7.53	*****	7.53	SU	0	1/QTR	GNAB
	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	7.50	20.58	lbs/d	10.87	*****	14.20	mg/L	0	3/QTR	COMP
	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	*****	*****	*****	*****	*****	0	mg/L	0	1/QTR	GNAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs) 39516 1 0 Effluent Gross	SAMPLE MEASUREMENT	0.00008	0.00013	lbs/d	0.0008	*****	0.1162	ug/L	0	3/QTR	COMP
	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 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

<b>NAME/TITLE PRINCIPAL EXECUTIVE OFFICER</b> 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.	<b>TELEPHONE</b> (413) 448-5902		<b>DATE</b> 07/26/2011
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 		AREA Code

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# 01-7/3/11

Date: 7/3/11

Sampler: Dave Moran DM

Sampler: Bill Fagan BE

64G	Time _____ Initials _____	05A Wet	Time <u>12:50 pm</u> Initials <u>DM</u>	009 Wet	Time <u>12:15 pm</u> Initials <u>BE</u>
	Eff. Flow (gpm) _____ O&G EPA 1664 _____ O&G EPA 1664 (A) _____ VOC 624 _____ SVOC 625 _____		Eff. Flow (gpm) <u>680 GPM</u> pH / Temp <u>7.89 @ 19.5°</u> O&G EPA 1664 <u>05A-30-1X-60</u> O&G EPA 1664 (A) <u>05A-30-1X-60A</u>		Eff. Flow (gpm) <u>134 GPM</u> pH / Temp <u>7.69 @ 19.6°</u> O&G EPA 1664 <u>09B-30-1X-60</u> O&G EPA 1664 (A) <u>09B-30-1X-60A</u>
005	Time _____ Initials _____	05B Wet	Time _____ Initials _____	09B	Time <u>11:58 AM</u> Initials <u>BE</u>
	005 Eff. Flow (gpm) _____ pH / Temp _____ O&G EPA 1664 _____ O&G EPA 1664 (A) _____		Eff. Flow (gpm) _____ pH / Temp _____ O&G EPA 1664 _____ O&G EPA 1664 (A) _____		Eff. Flow (gpm) <u>27 GPM</u> pH / Temp <u>7.72 @ 19.6°</u> O&G EPA 1664 <u>09B-30-1X-60</u> O&G EPA 1664 (A) <u>09B-30-1X-60A</u>
If Flooded	64G Eff. Flow (gpm) _____ 64T Eff. Flow (gpm) _____ 64G O&G EPA 1664 _____ 64G O&G EPA 1664 (A) _____	006 Wet	Time <u>12:30 pm</u> Initials <u>DM</u>	Comments:	
		Eff. Flow (gpm) <u>280 GPM</u> pH / Temp <u>7.40 @ 19.2°</u> O&G EPA 1664 <u>006-30-1X-60</u> O&G EPA 1664 (A) <u>006-30-1X-60A</u>			
005 Wet	Time <u>12:45 pm</u> Initials <u>DM</u>				
	005 Eff. Flow (gpm) <u>570 GPM</u> pH / Temp <u>7.86 @ 19.5°</u> O&G EPA 1664 <u>005-30-1X-60</u> O&G EPA 1664 (A) <u>005-30-1X-60A</u>	06A Wet	Time _____ Initials _____		
If Flooded	64G Eff. Flow (gpm) _____ 64T Eff. Flow (gpm) _____ 64G O&G EPA 1664 _____ 64G O&G EPA 1664 (A) _____		Eff. Flow (gpm) _____ pH / Temp _____ O&G EPA 1664 _____ O&G EPA 1664 (A) _____		

**GE CEP Internal Chain of Custody Form**

Pittsfield, MA

Grab Samples

NPDES Permit Number: MA0003891

COC# 01 - 7/5/11

Date: 7/5/11

Sampler: Bill Engler BE

Sampler: Kevin Boissomault

<b>64G</b>	Time <u>7:05 am</u> Initials <u>BE</u>	<b>05A Wet</b>	Time _____ Initials _____
	Eff. Flow (gpm) <u>215</u> O&G EPA 1664 <u>205 - 3:00 PM - 11-65</u> O&G EPA 1664 (A) <u>205 - 3:00 PM - 11-65</u> VOC 624 <u>205 - 3:00 PM - 11-65</u> SVOC 625 <u>205 - 3:00 PM - 11-65</u>		Time _____ Initials _____ Eff. Flow (gpm) _____ pH / Temp _____ O&G EPA 1664 _____ O&G EPA 1664 (A) _____
<b>005</b>	Time <u>7:05 am</u> Initials <u>KB</u>	<b>05B Wet</b>	Time _____ Initials _____
	005 Eff. Flow (gpm) <u>150</u> pH / Temp <u>77 @ 14.0°C</u> O&G EPA 1664 <u>205 - 3:00 PM - 11-65</u> O&G EPA 1664 (A) <u>205 - 3:00 PM - 11-65</u>		Time _____ Initials _____ Eff. Flow (gpm) _____ pH / Temp _____ O&G EPA 1664 _____ O&G EPA 1664 (A) _____
<b>If Flooded</b>	64G Eff. Flow (gpm) _____	<b>006 Wet</b>	<b>Comments:</b>
	64T Eff. Flow (gpm) _____		
	64G O&G EPA 1664 _____		
	64G O&G EPA 1664 (A) _____		
<b>005 Wet</b>	Time _____ Initials _____		
	005 Eff. Flow (gpm) _____ pH / Temp _____ O&G EPA 1664 _____ O&G EPA 1664 (A) _____	<b>06A Wet</b>	
<b>If Flooded</b>	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# 01-07-06-11

Date: 7/6/11

Sampler: JOHN MASSIMIANO

Sampler: \_\_\_\_\_

64G	Time _____ Initials _____	05A Wet	Time _____ Initials _____	009 Wet	Time _____ Initials _____
	Eff. Flow (gpm) _____		Eff. Flow (gpm) _____		Eff. Flow (gpm) _____
	O&G EPA 1664 _____		pH / Temp _____		pH / Temp _____
	O&G EPA 1664 (A) _____		O&G EPA 1664 _____		O&G EPA 1664 _____
	VOC 624 _____		O&G EPA 1664 (A) _____		O&G EPA 1664 (A) _____
	SVOC 625 _____				
005	Time _____ Initials _____	05B Wet	Time _____ Initials _____	09B	Time _____ Initials _____
	005 Eff. Flow (gpm) _____		Eff. Flow (gpm) _____		Eff. Flow (gpm) _____
	pH / Temp _____		pH / Temp _____		pH / Temp _____
	O&G EPA 1664 _____		O&G EPA 1664 _____		O&G EPA 1664 _____
	O&G EPA 1664 (A) _____		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) _____	006 Wet	Time _____ Initials _____	Comments:	
			Eff. Flow (gpm) _____		
			pH / Temp _____		
			O&G EPA 1664 _____		
005 Wet	Time _____ Initials _____	06A Wet	Time <u>7:30 PM</u> Initials <u>OMM</u>		
	005 Eff. Flow (gpm) _____		Eff. Flow (gpm) <u>35</u>		
	pH / Temp _____		pH / Temp <u>7.92 / 21.5</u>		
	O&G EPA 1664 _____		O&G EPA 1664 <u>06AW-30-1X-60</u>		
	O&G EPA 1664 (A) _____		O&G EPA 1664 (A) <u>06AW-30-1X-00A</u>		
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# 01-7/14/11

Date: 7/14/11

Sampler: Dave Moran DM

Sampler: Bill Egan BE

64G	Time <u>7:30</u> Initials <u>DM</u>	05A Wet	009 Wet	Time _____ Initials _____
	Eff. Flow (gpm) <u>143 GPM</u>			Eff. Flow (gpm) _____
	O&G EPA 1664 <u>Sub - 321M-2K-GA</u>			pH / Temp _____
	O&G EPA 1664 (A) <u>Sub - 321M-2K-GA</u>			O&G EPA 1664 _____
	VOC 624 <u>Sub - 321M-2K-GA</u>			O&G EPA 1664 (A) _____
	SVOC 625 <u>Sub - 321M-2K-GA</u>			
005	Time <u>7:37 AM</u> Initials <u>BE</u>	05B Wet	09B	Time _____ Initials _____
	005 Eff. Flow (gpm) <u>97</u>			Eff. Flow (gpm) _____
	pH / Temp <u>7.84 / 14.3 °C</u>			pH / Temp _____
	O&G EPA 1664 <u>Sub - 321M-2K-GA</u>			O&G EPA 1664 _____
	O&G EPA 1664 (A) <u>Sub - 321M-2K-GA</u>			O&G EPA 1664 (A) _____
If Flooded	64G Eff. Flow (gpm) _____	006 Wet	Comments:	
	64T Eff. Flow (gpm) _____	Time _____ Initials _____		
	64G O&G EPA 1664 _____	Eff. Flow (gpm) _____		
	64G O&G EPA 1664 (A) _____	pH / Temp _____		
005 Wet	Time _____ Initials _____	O&G EPA 1664 _____ O&G EPA 1664 (A) _____		
	005 Eff. Flow (gpm) _____	06A Wet	Time _____ Initials _____	
	pH / Temp _____		Eff. Flow (gpm) _____	
	O&G EPA 1664 _____		pH / Temp _____	
	O&G EPA 1664 (A) _____		O&G EPA 1664 _____	
If Flooded	64G Eff. Flow (gpm) _____	O&G EPA 1664 (A) _____		
	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# 01-01-25-11

Date: 7/25/11

Sampler: J. MASSIMIANO

Sampler: [Signature]

<b>64G</b>	Time _____ Initials _____	<b>05A</b> <b>Wet</b>	Time _____ Initials _____	<b>009</b> <b>Wet</b>	Time _____ Initials _____
	Eff. Flow (gpm) _____		Eff. Flow (gpm) _____		Eff. Flow (gpm) _____
	O&G EPA 1664 _____		pH / Temp _____		pH / Temp _____
	O&G EPA 1664 (A) _____		O&G EPA 1664 _____		O&G EPA 1664 _____
	VOC 624 _____		O&G EPA 1664 (A) _____		O&G EPA 1664 (A) _____
	SVOC 625 _____				
<b>005</b>	Time _____ Initials _____	<b>05B</b> <b>Wet</b>	Time <u>3:55 PM</u> Initials <u>GM</u>	<b>09B</b>	Time _____ Initials _____
	005 Eff. Flow (gpm) _____		Eff. Flow (gpm) <u>362</u>		Eff. Flow (gpm) _____
	pH / Temp _____		pH / Temp <u>8.63/22.1</u>		pH / Temp _____
	O&G EPA 1664 _____		O&G EPA 1664 <u>05BW-3Q-1X-60</u>		O&G EPA 1664 _____
	O&G EPA 1664 (A) _____		O&G EPA 1664 (A) <u>05BW-3Q-1X-60A</u>		O&G EPA 1664 (A) _____
<b>If Flooded</b>	64G Eff. Flow (gpm) _____	<b>006</b> <b>Wet</b>	Time _____	<b>Comments:</b>	
	64T Eff. Flow (gpm) _____		Initials _____		
	64G O&G EPA 1664 _____		Eff. Flow (gpm) _____		
	64G O&G EPA 1664 (A) _____		pH / Temp _____		
<b>005</b> <b>Wet</b>	Time _____ Initials _____		O&G EPA 1664 _____		
	005 Eff. Flow (gpm) _____		O&G EPA 1664 (A) _____		
	pH / Temp _____				
	O&G EPA 1664 _____				
	O&G EPA 1664 (A) _____				
<b>If Flooded</b>	64G Eff. Flow (gpm) _____	<b>06A</b> <b>Wet</b>	Time _____		
	64T Eff. Flow (gpm) _____		Initials _____		
	64G O&G EPA 1664 _____		Eff. Flow (gpm) _____		
	64G O&G EPA 1664 (A) _____		pH / Temp _____		