GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

Transmitted via Overnight Courier

April 9, 2010

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

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

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

Dear Mr. Tagliaferro and Mr. Gorski:

Enclosed are copies of General Electric's (GE's) monthly progress report for March 2010 activities conducted by GE at the GE-Pittsfield/Housatonic River Site. This monthly report is submitted pursuant to Paragraph 67 of the Consent Decree (CD) for this Site, which was entered by the U.S. District Court on October 27, 2000.

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

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

Please call me if you have any questions.

Sincerely,

Richard W Gates/bb

Richard W. Gates
Remediation Project Manager

Enclosure
G:\GE\GE_Pittsfield_General\Reports and Presentations\Monthly Reports\2010\03-10 CD Monthly\Letter.doc

cc: Richard Fisher, EPA
Robert Cianciarulo, EPA (cover letter only)
Tim Conway, EPA (cover letter only)
Rose Howell, EPA (cover letter and CD-ROM of report)
Holly Inglis, EPA (hard copy and CD-ROM of report)
Susan Svirsky, EPA (Items 7, 15, and 20 only)
M. Otis, USACE (CD-ROM of report)
John Ziegler, MDEP (hard copy and CD-ROM of report)
Eva Tor, MDEP (cover letter and CD-ROM of report)
Nancy E. Harper, MA AG
Susan Peterson, CT DEP
Field Supervisor, US FWS, DOI
Kenneth Finkelstein, Ph.D., NOAA (Items 13, 14, and 15 only)
Dale Young, MA EOEEA
Mayor James Ruberto, City of Pittsfield
William Hines, Director, Pittsfield Economic Development Authority
Linda Palmieri, Weston
Jack Yablonsky, Berkshire Gas (CD-ROM of report)
Richard Nasman, P.E., Berkshire Gas (cover letter only)
Michael Carroll GE (CD-ROM of report)
Andrew Silfer, GE (cover letter only)
Rod McLaren, GE (CD-ROM of report)
James Nuss, ARCADIS
James Bieke, Goodwin Procter
Kevin Russell, Anchor QEA (narrative only)
Teresa Bowers, Gradient
Public Information Repositories (1 hard copy, 5 copies of CD-ROM)
GE Internal Repository (1 hard copy)

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

March 2010

MONTHLY STATUS REPORT

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

GENERAL ELECTRIC COMPANY

PITTSFIELD, MASSACHUSETTS

Background

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

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

General Activities (GECD900)

GE Plant Area (non-groundwater)

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

Former Oxbow Areas (non-groundwater)

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

Housatonic River

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

Housatonic River Floodplain

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

Other Areas

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

Groundwater Management Areas (GMAs)

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

GENERAL ACTIVITIES
GE-PITTSFIELD/HOUSATONIC RIVER SITE
(GECD900)
MARCH 2010

a. Activities Undertaken/Completed

- Continued GE-EPA electronic data exchanges for the Housatonic River Watershed.*
- Continued discussions with EPA regarding potential follow-up plan to finding in October 2009 of residual oil in certain pipes located north of Building OP-2, which was then drained, containerized, and sampled.
- Conducted the quarterly Stormwater Pollution Prevention Inspection, per the revised NPDES Permit-related Stormwater Pollution Prevention Plan.
- Initiated plant site cleanup of roadways and parking areas.

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 February 1 through February 28, 2010, are provided in Attachment B to this report.

c. Work Plans/Reports/Documents Submitted

None

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 discussions with EPA regarding, and submit, follow-up plan to finding in October 2009 of residual oil in certain pipes located north of Building OP-2.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

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

a. Activities Undertaken/Completed

Initiated remaining survey work for the Grant of Environmental Restriction and Easement (ERE) for the 40s Complex.*

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Continue discussions with the Pittsfield Economic Development Authority (PEDA) relating to activities associated with future transfer of the 40s Complex to PEDA.
- Work with PEDA in preparing a revised draft of the ERE for the 40s Complex for review by EPA and MDEP.*
- Complete the remaining survey work for the ERE for the 40s Complex.*
- Complete discussions with EPA regarding GE's December 2009 draft Revised Evaluation Report/Slab Plan for the 40s Complex.*
- Following EPA's final review of the draft Revised Evaluation Report/Slab Plan, submit final Revised Evaluation Report/Slab Plan for the 40s Complex.*
- Following EPA's final review of the draft Revised Evaluation Report/Slab Plan, re-submit draft of the Final Completion Report (FCR) for the 40s Complex to EPA for review.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

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

a. Activities Undertaken/Completed

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

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

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

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

- Completed installation of flow monitoring/sampling equipment at Oil/Water Separator (OWS) 64Z for "baseline" effectiveness sampling program, pursuant to GE's NPDES Permit Modification.

- Performed two OWS 64Z "baseline" effectiveness sampling events, pursuant to Attachment C, BMP A.2.A, of GE's NPDES Permit Modification, as noted in Table 2-1.

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

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

- Conducted Toxicity Characteristic Leaching Procedure (TCLP) and PCB sampling of concrete, as noted in Table 2-1.

- Conducted TCLP sampling of soils, as noted in Table 2-1.

- Conducted Liquid Phase Carbon Absorption (LPCA) waste characterization sampling at Building 64G Groundwater Treatment Plant, as noted in Table 2-1.

b. Sampling/Test Results Received

See attached tables.

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

c. Work Plans/Reports/Documents Submitted

None

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

- Continue sampling as part of NPDES Permit-related Building 64G Treatment Capability Study.
- Submit Revised Final RD/RA Work Plan for East Street Area 2-South (due to EPA by April 6, 2010).*
- Send out Request for Proposal (RFP) soliciting bids from prospective Remediation Contractors to conduct the remediation activities and conduct pre-bid meeting.*
- Select Remediation Contractor after reviewing bids.*
- Perform April 2010 dry weather flow inspection activities in East Street Area 2-South associated with Drainage Basins 005 and 006 under GE's NPDES Permit-related Baseline Monitoring Plan.
- Continue development of the 64Z Pilot Study Plan designed to evaluate the potential for increased solids removal, pursuant to GE's NPDES Permit Modification.
- Perform one additional OWS 64Z "baseline" effectiveness sampling event, pursuant to Attachment C, BMP A.2.A, of GE's NPDES Permit Modification.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

None

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

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Building 64G LPCA Monitoring	C10-64G-01	3/24/10	NA	Water	Columbia	VOC	
Building 64G LPCA Monitoring	C10-64G-02	3/24/10	NA	Water	Columbia	VOC	
Building 64G LPCA Monitoring	C10-64G-03	3/24/10	NA	Water	Columbia	VOC	
Building 64G LPCA Monitoring	C10-64G-04	3/24/10	NA	Water	Columbia	VOC	
Building 64G LPCA Monitoring	C10-64G-05	3/24/10	NA	Water	Columbia	SVOC	
Building 64G LPCA Monitoring	C10-64G-06	3/24/10	NA	Water	Columbia	SVOC	
Building 64G LPCA Monitoring	C10-64G-07	3/24/10	NA	Water	Columbia	SVOC	
Building 64G LPCA Monitoring	C10-64G-08	3/24/10	NA	Water	Columbia	SVOC	
Building 64G LPCA Monitoring	C10-64G-09	3/24/10	NA	Water	Columbia	VOC	
Building 64G LPCA Monitoring	C10-64G-10	3/24/10	NA	Water	Columbia	VOC	
Building 64G LPCA Monitoring	C10-64G-11	3/24/10	NA	Water	Columbia	VOC	
Building 64G LPCA Monitoring	C10-64G-12	3/24/10	NA	Water	Columbia	VOC	
Capability Study	CAP-A-021410	2/14/10	NA	Water	Columbia	TSS, TSS (f)	3/3/10
Capability Study	CAP-A-022410	2/24/10	NA	Water	Columbia	TSS, TSS (f)	3/15/10
Capability Study	CAP-A-022410	2/24/10	NA	Water	SGS	PCB	3/5/10
Capability Study	CAP-A-030210	3/2/10	NA	Water	Columbia	TSS, TSS (f)	3/29/10
Capability Study	CAP-A-030210	3/2/10	NA	Water	SGS	PCB	3/11/10
Capability Study	CAP-A-030710	3/7/10	NA	Water	Columbia	TSS, TSS (f)	3/29/10
Capability Study	CAP-A-030710	3/7/10	NA	Water	SGS	PCB	3/11/10
Capability Study	CAP-A-031410	3/14/10	NA	Water	Columbia	TSS, TSS (f)	3/29/10
Capability Study	CAP-A-031410	3/14/10	NA	Water	SGS	PCB	3/23/10
Capability Study	CAP-A-032210	3/22/10	NA	Water	Columbia	TSS, TSS (f)	
Capability Study	CAP-A-032210	3/22/10	NA	Water	SGS	PCB, PCB (f)	
Capability Study	CAP-A-033110	3/31/10	NA	Water	Columbia	TSS, TSS (f)	
Capability Study	CAP-A-033110	3/31/10	NA	Water	SGS	PCB	
Capability Study	CAP-B-022410	2/24/10	NA	Water	SGS	PCB	3/5/10
Capability Study	CAP-B-030210	3/2/10	NA	Water	SGS	PCB	3/11/10
Capability Study	CAP-B-030710	3/7/10	NA	Water	SGS	PCB	3/11/10
Capability Study	CAP-B-031410	3/14/10	NA	Water	SGS	PCB	3/23/10
Capability Study	CAP-B-032210	3/22/10	NA	Water	SGS	PCB	
Capability Study	CAP-B-033110	3/31/10	NA	Water	SGS	PCB	
Capability Study	CAP-C-022410	2/24/10	NA	Water	SGS	PCB	3/5/10
Capability Study	CAP-C-030210	3/2/10	NA	Water	SGS	PCB	3/11/10
Capability Study	CAP-C-030710	3/7/10	NA	Water	SGS	PCB	3/11/10
Capability Study	CAP-C-031410	3/14/10	NA	Water	SGS	PCB	3/23/10
Capability Study	CAP-C-032210	3/22/10	NA	Water	SGS	PCB	

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

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Capability Study	CAP-C-033110	3/31/10	NA	Water	SGS	PCB	
Capability Study	CAP-CO-030210	3/2/10	NA	Water	SGS	PCB	3/11/10
Capability Study	CAP-CO-030710	3/7/10	NA	Water	SGS	PCB	3/11/10
Capability Study	CAP-CO-031410	3/14/10	NA	Water	SGS	PCB	3/23/10
Capability Study	CAP-CO-032210	3/22/10	NA	Water	SGS	PCB	
Capability Study	CAP-CO-033110	3/31/10	NA	Water	SGS	PCB	
Capability Study	CAP-CO-1-022410	2/24/10	NA	Water	SGS	PCB	3/5/10
Capability Study	CAP-D-021410	2/14/10	NA	Water	Columbia	TSS, TSS (f)	3/3/10
Capability Study	CAP-D-022410	2/24/10	NA	Water	Columbia	TSS, TSS (f)	3/15/10
Capability Study	CAP-D-022410	2/24/10	NA	Water	SGS	PCB	3/5/10
Capability Study	CAP-D-030210	3/2/10	NA	Water	Columbia	TSS, TSS (f)	3/29/10
Capability Study	CAP-D-030210	3/2/10	NA	Water	SGS	PCB	3/11/10
Capability Study	CAP-D-030710	3/7/10	NA	Water	Columbia	TSS, TSS (f)	3/29/10
Capability Study	CAP-D-030710	3/7/10	NA	Water	SGS	PCB	3/11/10
Capability Study	CAP-D-031410	3/14/10	NA	Water	Columbia	TSS, TSS (f)	3/29/10
Capability Study	CAP-D-031410	3/14/10	NA	Water	SGS	PCB	3/23/10
Capability Study	CAP-D-032210	3/22/10	NA	Water	Columbia	TSS, TSS (f)	
Capability Study	CAP-D-032210	3/22/10	NA	Water	SGS	PCB, PCB (f)	
Capability Study	CAP-D-033110	3/31/10	NA	Water	Columbia	TSS, TSS (f)	
Capability Study	CAP-D-033110	3/31/10	NA	Water	SGS	PCB	
Capability Study	CAP-DUP-10 (CAP-D-030210)	3/2/10	NA	Water	SGS	PCB	3/11/10
Capability Study	CAP-DUP-11 (CAP-A-032210)	3/22/10	NA	Water	SGS	PCB	
Capability Study	CAP-DUP-12 (CAP-A-032210)	3/22/10	NA	Water	SGS	PCB (f)	
Capability Study	CAP-IT-022410	2/24/10	NA	Water	SGS	PCB	3/5/10
Capability Study	CAP-IT-030210	3/2/10	NA	Water	SGS	PCB	3/11/10
Capability Study	CAP-IT-030710	3/7/10	NA	Water	SGS	PCB	3/11/10
Capability Study	CAP-IT-031410	3/14/10	NA	Water	SGS	PCB	3/23/10
Capability Study	CAP-IT-032210	3/22/10	NA	Water	SGS	PCB	
Capability Study	CAP-IT-033110	3/31/10	NA	Water	SGS	PCB	
Concrete Characterization	ES2-Concrete-1	3/2/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-10	3/3/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-11	3/3/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-12	3/3/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-13	3/3/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-14	3/3/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-15	3/3/10	NA	Concrete	SGS	PCB	3/19/10

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

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Concrete Characterization	ES2-Concrete-16	3/3/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-17	3/3/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-18	3/3/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-19	3/3/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-2	3/2/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-20	3/3/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-21	3/3/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-22	3/3/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-23	3/3/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-24	3/3/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-25	3/3/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-26	3/3/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-27	3/3/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-28	3/4/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-29	3/4/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-3	3/2/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-30	3/4/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-31	3/4/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-4	3/2/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-5	3/2/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-6	3/2/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-7	3/2/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-8	3/2/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-9	3/2/10	NA	Concrete	SGS	PCB	3/19/10
Concrete Characterization	ES2-Concrete-Comp-1	3/2/10	NA	Concrete	SGS	TCLP - VOC, SVOC, Metals	3/19/10
Concrete Characterization	ES2-Concrete-Comp-2	3/3/10	NA	Concrete	SGS	TCLP - VOC, SVOC, Metals	3/19/10
Concrete Characterization	ES2-Concrete-Comp-3	3/3/10	NA	Concrete	SGS	TCLP - VOC, SVOC, Metals	3/19/10
Concrete Characterization	ES2-Concrete-Comp-4	3/4/10	NA	Concrete	SGS	TCLP - VOC, SVOC, Metals	3/19/10
Soil Characterization	ES2-DISC-15E	3/4/10	0-2	Soil	SGS	TCLP - Lead	3/19/10
Soil Characterization	ES2-DISC-15EE	3/4/10	0-2	Soil	SGS	TCLP - Lead	Cancelled
Soil Characterization	ES2-DISC-16W	3/4/10	0-1.5	Soil	SGS	TCLP - Lead	3/19/10
Soil Characterization	ES2-DISC-16WW	3/4/10	0-1.5	Soil	SGS	TCLP - Lead	3/24/10
OWS-64Z Baseline Sampling	OWS-64Z-Eff.	3/13/10	NA	Water	Columbia	TSS	3/29/10
OWS-64Z Baseline Sampling	OWS-64Z-Eff.	3/23/10	NA	Water	Columbia	TSS	3/31/10
OWS-64Z Baseline Sampling	OWS-64Z-Eff.	3/13/10	NA	Water	SGS	PCB	3/25/10
OWS-64Z Baseline Sampling	OWS-64Z-Eff.	3/23/10	NA	Water	SGS	PCB	3/31/10

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

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
OWS-64Z Baseline Sampling	OWS-64Z-Inf.	3/13/10	NA	Water	Columbia	TSS	3/29/10
OWS-64Z Baseline Sampling	OWS-64Z-Inf.	3/22/10	NA	Water	Columbia	TSS	3/31/10
OWS-64Z Baseline Sampling	OWS-64Z-Inf.	3/22/10	NA	Water	SGS	PCB	3/31/10
OWS-64Z Baseline Sampling	OWS-64Z-Inf.	3/13/10	NA	Water	SGS	PCB	3/25/10

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

TABLE 2-2
PCB DATA RECEIVED DURING MARCH 2010

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

Sample ID	Date Collected	Aroclor-1016, 1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
ES2-Concrete-1	3/2/2010	ND(0.030)	0.11	0.13	0.24
ES2-Concrete-2	3/2/2010	ND(0.15)	1.1	1.5	2.6
ES2-Concrete-3	3/2/2010	ND(0.030)	0.11	0.17	0.28
ES2-Concrete-4	3/2/2010	ND(0.031)	0.044	0.094	0.138
ES2-Concrete-5	3/2/2010	ND(0.031)	0.051	0.032	0.083
ES2-Concrete-6	3/2/2010	ND(0.031)	0.26	0.49	0.75
ES2-Concrete-7	3/2/2010	ND(0.031)	ND(0.031)	0.012 J	0.012 J
ES2-Concrete-8	3/2/2010	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)
ES2-Concrete-9	3/2/2010	ND(0.031)	ND(0.031)	ND(0.031)	ND(0.031)
ES2-Concrete-10	3/3/2010	ND(0.061)	0.41	0.57	0.98
ES2-Concrete-11	3/3/2010	ND(0.031)	0.084	0.19	0.274
ES2-Concrete-12	3/3/2010	ND(0.62)	8.5	6.2	14.7
ES2-Concrete-13	3/3/2010	ND(1.5)	17	12	29
ES2-Concrete-14	3/3/2010	ND(0.062)	0.32	0.69	1.01
ES2-Concrete-15	3/3/2010	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)
ES2-Concrete-16	3/3/2010	ND(0.15)	1.1	1.9	3.0
ES2-Concrete-17	3/3/2010	ND(0.31)	3.1	3.4	6.5
ES2-Concrete-18	3/3/2010	ND(1.5)	20	11	31
ES2-Concrete-19	3/3/2010	ND(0.061)	0.96	0.58	1.54
ES2-Concrete-20	3/3/2010	ND(0.16)	1.2	0.97	2.17
ES2-Concrete-21	3/3/2010	ND(0.60)	3.8	7.0	10.8
ES2-Concrete-22	3/3/2010	ND(0.031)	ND(0.031)	0.0043 J	0.0043 J
ES2-Concrete-23	3/3/2010	ND(1.5)	14	8.8	22.8
ES2-Concrete-24	3/3/2010	ND(0.16)	1.3	0.96	2.26
ES2-Concrete-25	3/3/2010	ND(0.030)	0.084	0.067	0.151
ES2-Concrete-26	3/3/2010	ND(1.5)	13	6.3	19.3
ES2-Concrete-27	3/3/2010	ND(0.030)	ND(0.030)	0.0082 J	0.0082 J
ES2-Concrete-28	3/4/2010	ND(0.030)	0.041	0.043	0.084
ES2-Concrete-29	3/4/2010	ND(0.031)	0.22	0.33	0.55
ES2-Concrete-30	3/4/2010	ND(0.031)	ND(0.031)	ND(0.031)	ND(0.031)
ES2-Concrete-31	3/4/2010	ND(0.031)	0.11	0.067	0.177

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 parenthesis is the associated detection limit.

Data Qualifiers:

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

TABLE 2-3
TCLP DATA RECEIVED DURING MARCH 2010

CONCRETE AND SOIL CHARACTERIZATION
EAST STREET AREA 2-SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID: Sample Depth(Feet): Date Collected:	TCLP Regulatory Limits	ES2-Concrete-Comp-1 NA 3/2/2010	ES2-Concrete-Comp-2 NA 3/3/2010	ES2-Concrete-Comp-3 NA 3/3/2010
Volatile Organics				
1,1-Dichloroethene	0.7	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)	ND(0.010)	ND(0.010)
2-Butanone	200	ND(0.25)	ND(0.25)	ND(0.25)
Benzene	0.5	ND(0.010)	ND(0.010)	ND(0.010)
Carbon Tetrachloride	0.5	ND(0.010)	ND(0.010)	ND(0.010)
Chlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)
Chloroform	6	0.0055 J	ND(0.010)	ND(0.010)
Tetrachloroethene	0.7	ND(0.010)	ND(0.010)	ND(0.010)
Trichloroethene	0.5	ND(0.010)	ND(0.010)	ND(0.010)
Vinyl Chloride	0.2	ND(0.010)	ND(0.010)	ND(0.010)
Semivolatile Organics				
1,4-Dichlorobenzene	7.5	ND(0.0060)	ND(0.0060)	ND(0.0070)
2,4,5-Trichlorophenol	400	ND(0.0060)	ND(0.0060)	ND(0.0070)
2,4,6-Trichlorophenol	2	ND(0.0060)	ND(0.0060)	ND(0.0070)
2,4-Dinitrotoluene	0.13	ND(0.0060)	ND(0.0060)	ND(0.0070)
Cresol	200	ND(0.0060)	ND(0.0060)	ND(0.0070)
Hexachlorobenzene	0.13	ND(0.0060)	ND(0.0060)	ND(0.0070)
Hexachlorobutadiene	0.5	ND(0.0060)	ND(0.0060)	ND(0.0070)
Hexachloroethane	3	ND(0.0060)	ND(0.0060)	ND(0.0070)
Nitrobenzene	2	ND(0.0060)	ND(0.0060)	ND(0.0070)
Pentachlorophenol	100	ND(0.028)	ND(0.028)	ND(0.037)
Pyridine	5	ND(0.0060)	ND(0.0060)	ND(0.0070)
Inorganics				
Arsenic	5	ND(0.200)	ND(0.200)	ND(0.200)
Barium	100	0.183 B	0.309 B	0.283 B
Cadmium	1	ND(0.100)	ND(0.100)	ND(0.100)
Chromium	5	ND(0.100)	0.0164 B	0.0373 B
Lead	5	ND(0.100)	ND(0.100)	ND(0.100)
Mercury	0.2	ND(0.000570)	ND(0.000570)	ND(0.000570)
Selenium	1	ND(0.200)	ND(0.200)	ND(0.200)
Silver	5	ND(0.100)	ND(0.100)	ND(0.100)

TABLE 2-3
TCLP DATA RECEIVED DURING MARCH 2010

CONCRETE AND SOIL CHARACTERIZATION
EAST STREET AREA 2-SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID: Sample Depth(Feet): Date Collected:	TCLP Regulatory Limits	ES2-Concrete-Comp-4 NA 3/4/2010	ES2-DISC-15E 0-2 3/4/2010	ES2-DISC-16W 0-1.5 3/4/2010	ES2-DISC-16WW 0-1.5 3/4/2010
Volatile Organics					
1,1-Dichloroethene	0.7	ND(0.010)	NA	NA	NA
1,2-Dichloroethane	0.5	ND(0.010)	NA	NA	NA
2-Butanone	200	ND(0.25)	NA	NA	NA
Benzene	0.5	ND(0.010)	NA	NA	NA
Carbon Tetrachloride	0.5	ND(0.010)	NA	NA	NA
Chlorobenzene	100	ND(0.010)	NA	NA	NA
Chloroform	6	ND(0.010)	NA	NA	NA
Tetrachloroethene	0.7	ND(0.010)	NA	NA	NA
Trichloroethene	0.5	ND(0.010)	NA	NA	NA
Vinyl Chloride	0.2	ND(0.010)	NA	NA	NA
Semivolatile Organics					
1,4-Dichlorobenzene	7.5	ND(0.0050)	NA	NA	NA
2,4,5-Trichlorophenol	400	ND(0.0050)	NA	NA	NA
2,4,6-Trichlorophenol	2	ND(0.0050)	NA	NA	NA
2,4-Dinitrotoluene	0.13	ND(0.0050)	NA	NA	NA
Cresol	200	ND(0.0050)	NA	NA	NA
Hexachlorobenzene	0.13	ND(0.0050)	NA	NA	NA
Hexachlorobutadiene	0.5	ND(0.0050)	NA	NA	NA
Hexachloroethane	3	ND(0.0050)	NA	NA	NA
Nitrobenzene	2	ND(0.0050)	NA	NA	NA
Pentachlorophenol	100	ND(0.027)	NA	NA	NA
Pyridine	5	ND(0.0050)	NA	NA	NA
Inorganics					
Arsenic	5	ND(0.200)	NA	NA	NA
Barium	100	0.330 B	NA	NA	NA
Cadmium	1	ND(0.100)	NA	NA	NA
Chromium	5	0.0318 B	NA	NA	NA
Lead	5	ND(0.100)	ND(0.100)	5.92	0.203
Mercury	0.2	ND(0.000570)	NA	NA	NA
Selenium	1	ND(0.200)	NA	NA	NA
Silver	5	ND(0.100)	NA	NA	NA

Notes:
1. Samples were collected by ARCADIS and submitted to SGS Environmental Services, Inc. for analysis of TCLP constituents.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
4. Shading indicates that value exceeds the TCLP Regulatory Limits.

Data Qualifiers:

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

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

TABLE 2-4
DATA RECEIVED DURING MARCH 2010

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

Parameter / Sample ID: / Date Collected:	OWS-64Z-Eff. 03/13/10	OWS-64Z-Eff. 03/23/10	OWS-64Z-Inf. 03/13/10	OWS-64Z-Inf. 03/22/10
PCBs-Unfiltered				
Aroclor-1260	0.0017	0.0012	0.0025	0.0012
Total PCBs	0.0017	0.0012	0.0025	0.0012
Conventional				
Total Suspended Solids	23.4	19.9	27.9	26.6

Notes:

1. Samples were collected by ARCADIS and submitted to Columbia Analytical Services, Inc. and SGS Environmental Services, Inc. for analysis of PCBs and total suspended solids.
2. Only those constituents detected in one or more samples are summarized.

TABLE 2-5
DATA RECEIVED DURING MARCH 2010

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

Parameter / Sample ID: / Date Collected:	CAP-A-021410 02/14/10	CAP-A-022410 02/24/10	CAP-A-030210 03/02/10	CAP-A-030710 03/07/10	CAP-A-031410 03/14/10	CAP-B-022410 02/24/10	CAP-B-030210 03/02/10
PCBs-Unfiltered							
Aroclor-1254	NA	0.00027	0.00017	0.00024	0.00054	ND(0.000015)	0.000017
Aroclor-1260	NA	0.00016	0.000068	0.00012	0.00052	ND(0.000015)	ND(0.000015)
Total PCBs	NA	0.00043	0.000238	0.00036	0.00106	ND(0.000015)	0.000017
Conventional-Unfiltered							
Total Suspended Solids	3.80	6.40	1.80	3.10	5.00	NA	NA
Conventional-Filtered							
Total Suspended Solids	5.40	6.30	1.10	1.80	3.40	NA	NA

TABLE 2-5
DATA RECEIVED DURING MARCH 2010

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

Parameter / Sample ID: / Date Collected:	CAP-B-030710 03/07/10	CAP-B-031410 03/14/10	CAP-C-022410 02/24/10	CAP-C-030210 03/02/10	CAP-C-030710 03/07/10	CAP-C-031410 03/14/10	CAP-CO-1-022410 02/24/10
PCBs-Unfiltered							
Aroclor-1254	0.000020	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000015)	0.00025
Aroclor-1260	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000015)	0.00011
Total PCBs	0.000020	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000015)	0.00036
Conventional-Unfiltered							
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA
Conventional-Filtered							
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA

TABLE 2-5
DATA RECEIVED DURING MARCH 2010

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

Parameter / Sample ID: / Date Collected:	CAP-CO-030210 03/02/10	CAP-CO-030710 03/07/10	CAP-CO-031410 03/14/10	CAP-D-021410 02/14/10	CAP-D-022410 02/24/10	CAP-D-030210 03/02/10
PCBs-Unfiltered						
Aroclor-1254	0.00073	0.00036	0.0027	NA	ND(0.000015)	ND(0.000015) [ND(0.000015)]
Aroclor-1260	0.00033	0.00021	ND(0.00015)	NA	ND(0.000015)	ND(0.000015) [ND(0.000015)]
Total PCBs	0.00106	0.00057	0.0027	NA	ND(0.000015)	ND(0.000015) [ND(0.000015)]
Conventional-Unfiltered						
Total Suspended Solids	NA	NA	NA	ND(1.00)	ND(1.00)	ND(1.00)
Conventional-Filtered						
Total Suspended Solids	NA	NA	NA	ND(1.00)	ND(1.00)	ND(1.00)

TABLE 2-5
DATA RECEIVED DURING MARCH 2010

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

Parameter / Sample ID: / Date Collected:	CAP-D-030710 03/07/10	CAP-D-031410 03/14/10	CAP-IT-022410 02/24/10	CAP-IT-030210 03/02/10	CAP-IT-030710 03/07/10	CAP-IT-031410 03/14/10
PCBs-Unfiltered						
Aroclor-1254	ND(0.000015)	ND(0.000015)	0.0013	0.0095	0.0057	0.044
Aroclor-1260	ND(0.000015)	ND(0.000015)	0.00076	0.0047	0.0035	ND(0.0015)
Total PCBs	ND(0.000015)	ND(0.000015)	0.00206	0.0142	0.0092	0.044
Conventional-Unfiltered						
Total Suspended Solids	ND(1.00)	ND(1.00)	NA	NA	NA	NA
Conventional-Filtered						
Total Suspended Solids	ND(1.00)	ND(1.00)	NA	NA	NA	NA

Notes:

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

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

a. Activities Undertaken/Completed

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

- Resumed activities associated with the demolition and site restoration program in the 19s Complex on March 22, 2010.

- Initiated ambient air monitoring for particulate matter during the demolition and site restoration program in the 19s Complex, as identified in Table 3-1.

- Collected and transferred approximately 185,000 gallons of water from Building 9 to Building 64G Groundwater Treatment Facility for treatment.

- Conducted sampling of pond silt for future use as cover over the placed Usable Crushed Building Materials in the 19s Complex, as noted in Table 3-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

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

- Conduct Spring 2010 inspection of restored areas, vegetated areas, and pavement. *

- Continue activities associated with the demolition and site restoration program in the 19s Complex.

- Perform an as-built survey of the in-place Usable Crushed Building Materials at the 19s Complex and submit documentation to EPA confirming that the Usable Crushed Building Materials were placed in accordance with the Ninth Modification to the Consent Decree.

ITEM 3
(cont'd)
PLANT AREA
EAST STREET AREA 2-NORTH
(GECD140)
MARCH 2010

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 201(

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Pittsfield Sand & Gravel Pond Silt Sampling	PSG-PONDSILT-C1	3/15/10	Soil	SGS	PCB, VOC, SVOC, Metals	
Ambient Air Particulate Matter Sampling	MC3A	3/22/2010	Air	Berkshire Environmental	Particulate Matter	3/29/2010
Ambient Air Particulate Matter Sampling	M6	3/22/2010	Air	Berkshire Environmental	Particulate Matter	3/29/2010
Ambient Air Particulate Matter Sampling	M7	3/22/2010	Air	Berkshire Environmental	Particulate Matter	3/29/2010
Ambient Air Particulate Matter Sampling	Background Location	3/22/2010	Air	Berkshire Environmental	Particulate Matter	3/29/2010
Ambient Air Particulate Matter Sampling	MC3A	3/23/2010	Air	Berkshire Environmental	Particulate Matter	3/29/2010
Ambient Air Particulate Matter Sampling	M6	3/23/2010	Air	Berkshire Environmental	Particulate Matter	3/29/2010
Ambient Air Particulate Matter Sampling	M7	3/23/2010	Air	Berkshire Environmental	Particulate Matter	3/29/2010
Ambient Air Particulate Matter Sampling	Background Location	3/23/2010	Air	Berkshire Environmental	Particulate Matter	3/29/2010
Ambient Air Particulate Matter Sampling	MC3A	3/24/2010	Air	Berkshire Environmental	Particulate Matter	3/29/2010
Ambient Air Particulate Matter Sampling	M6	3/24/2010	Air	Berkshire Environmental	Particulate Matter	3/29/2010
Ambient Air Particulate Matter Sampling	M7	3/24/2010	Air	Berkshire Environmental	Particulate Matter	3/29/2010
Ambient Air Particulate Matter Sampling	Background Location	3/24/2010	Air	Berkshire Environmental	Particulate Matter	3/29/2010
Ambient Air Particulate Matter Sampling	MC3A	3/25/2010	Air	Berkshire Environmental	Particulate Matter	3/29/2010
Ambient Air Particulate Matter Sampling	M6	3/25/2010	Air	Berkshire Environmental	Particulate Matter	3/29/2010
Ambient Air Particulate Matter Sampling	M7	3/25/2010	Air	Berkshire Environmental	Particulate Matter	3/29/2010
Ambient Air Particulate Matter Sampling	Background Location	3/25/2010	Air	Berkshire Environmental	Particulate Matter	3/29/2010
Ambient Air Particulate Matter Sampling	MC3A	3/26/2010	Air	Berkshire Environmental	Particulate Matter	3/29/2010
Ambient Air Particulate Matter Sampling	M6	3/26/2010	Air	Berkshire Environmental	Particulate Matter	3/29/2010
Ambient Air Particulate Matter Sampling	M7	3/26/2010	Air	Berkshire Environmental	Particulate Matter	3/29/2010
Ambient Air Particulate Matter Sampling	Background Location	3/26/2010	Air	Berkshire Environmental	Particulate Matter	3/29/2010
Ambient Air Particulate Matter Sampling	MC3A	3/29/2010	Air	Berkshire Environmental	Particulate Matter	4/1/2010
Ambient Air Particulate Matter Sampling	M6	3/29/2010	Air	Berkshire Environmental	Particulate Matter	4/1/2010
Ambient Air Particulate Matter Sampling	M7	3/29/2010	Air	Berkshire Environmental	Particulate Matter	4/1/2010
Ambient Air Particulate Matter Sampling	Background Location	3/29/2010	Air	Berkshire Environmental	Particulate Matter	4/1/2010
Ambient Air Particulate Matter Sampling	MC3A	3/30/2010	Air	Berkshire Environmental	Particulate Matter	4/1/2010
Ambient Air Particulate Matter Sampling	M6	3/30/2010	Air	Berkshire Environmental	Particulate Matter	4/1/2010
Ambient Air Particulate Matter Sampling	M7	3/30/2010	Air	Berkshire Environmental	Particulate Matter	4/1/2010
Ambient Air Particulate Matter Sampling	Background Location	3/30/2010	Air	Berkshire Environmental	Particulate Matter	4/1/2010
Ambient Air Particulate Matter Sampling	MC3A	3/31/2010	Air	Berkshire Environmental	Particulate Matter	4/1/2010
Ambient Air Particulate Matter Sampling	M6	3/31/2010	Air	Berkshire Environmental	Particulate Matter	4/1/2010
Ambient Air Particulate Matter Sampling	M7	3/31/2010	Air	Berkshire Environmental	Particulate Matter	4/1/2010
Ambient Air Particulate Matter Sampling	Background Location	3/31/2010	Air	Berkshire Environmental	Particulate Matter	4/1/2010

TABLE 3-2
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING MARCH 2010[1]

19s COMPLEX DEMOLITION
EAST STREET AREA 2-NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sampling Date[2]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
03/22/10	MC3A	0.023	0.021	10:45	Calm
	M6	0.020		10:45	
	M7	0.017		10:45	
03/23/10	MC3A	0.004	0.003	10:45	Calm
	M6	0.004		10:45	
	M7	0.003		10:45	
03/24/10	MC3A	0.020	0.010	10:45	WNW
	M6	0.035		10:45	
	M7	0.013		10:45	
03/25/10	MC3A	0.019	0.020	10:45	WSW
	M6	0.016		10:45	
	M7	0.014		10:45	
03/26/10	MC3A	0.011	0.008	10:45	NNE
	M6	0.010		10:45	
	M7	0.007		10:45	
03/29/10	MC3A	0.003	0.014	10:45	Variable
	M6	0.003		10:45	
	M7	0.002		10:45	
03/30/10	MC3A	0.002	0.001	10:45	NNE
	M6	0.001		10:45	
	M7	0.001		10:45	
03/31/10	MC3A	0.006	0.004	10:45	WNW
	M6	0.004		10:45	
	M7	0.005		10:45	
Notification Level		0.120			

Notes:

All concentrations measured with an EBAM unless otherwise noted.

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

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

[1] Monitoring was performed only on days when site activities occurred.

[2] The particulate monitors obtain real-time data. The sampling data were obtained by Berkshire Environmental Consultants, Inc. on the sampling

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

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

a. Activities Undertaken/Completed

- No leachate was transferred from Building 71 On-Plant Consolidation Area (OPCA) to Building 64G Groundwater Treatment Facility for treatment.

- Continued communications with EPA regarding GE's Post-Removal Site Control Plan for the OPCAs.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Begin work on draft Final Completion Report for OPCAs.

- Begin work on draft ERE for the OPCAs.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

TABLE 5-1
BUILDING 71 CONSOLIDATION AREA LEACHATE TRANSFER SUMMARY
PLANT AREA - HILL 78 & BUILDING 71 CONSOLIDATION AREAS

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

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

Note:

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

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

a. Activities Undertaken/Completed

- Performed annual outfall sampling activities at Outfall YD13, pursuant to Part I.C.2.b of GE's NPDES Permit Modification, as noted in Table 6-1.

- Removed Accqmin® monitoring equipment at Outfall YD13 following completion of the aforementioned sampling activities.

- Installed Accqmin® flow monitoring equipment at Outfall YD16.

- Sent requests to Berkshire Gas, Western Massachusetts Electric Company, and U.S. Department of the Navy requesting subordination agreements for ERE.*

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Transmitted draft ERE to EPA for review (March 19, 2010).*

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

- Complete draft Final Completion Report for Hill 78 Area-Remainder.*

- Send requests for subordination agreements to remaining entities that hold encumbrances on parcels within this area.*

- Conduct Spring 2010 inspection of backfilled/restored and re-vegetated areas (in May).*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

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

HILL 78 AREA-REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
NPDES Related 2010 YD Outfall Sampling	YD-13-031410	3/14/10	Water	Columbia	Oil & Grease	
NPDES Related 2010 YD Outfall Sampling	YD-13-031410	3/14/10	Water	Columbia	TSS, Total Zn	
NPDES Related 2010 YD Outfall Sampling	YD-13-031410	3/14/10	Water	SGS	PCB	3/25/10

TABLE 6-2
DATA RECEIVED DURING MARCH 2010

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

Parameter / Sample ID: / Date Collected:	YD-13-031410 03/14/10
PCBs-Unfiltered	
Aroclor-1260	0.00039
Total PCBs	0.00039

Notes:

1. Sample was collected by ARCADIS and submitted to SGS Environmental Services, Inc. for analysis of PCBs.

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

a. Activities Undertaken/Completed

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

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

- Conducted TCLP and PCB sampling of oil observed in snow pile (from snow removal equipment), as noted in Table 7-1.

- Conducted sampling of water from sink traps in Building 130 (operated by Sabic, formerly GE Plastics), as noted in Table 7-1.

- Collected and transferred approximately 5,000 gallons of water from Building 100/100A (due to waterline break) to Building 64G Groundwater Treatment Facility for treatment.

- Initiated development of Final RD/RA Work Plan for Unkamet Brook Area-West.*

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted an addendum to GE's Conceptual RD/RA Work Plan for Unkamet Brook Area-West (March 12, 2010).*

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

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

- Continue to develop Final RD/RA Work Plan for Unkamet Brook Area-West.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

ITEM 7
(cont'd)
PLANT AREA
UNKAMET BROOK AREA
(GECD170)
MARCH 2010

f. Proposed/Approved Work Plan Modifications

Received EPA approval of Addendum to Conceptual RD/RA Work Plan for Unkamet Brook Area-West (March 30, 2010).*

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

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Building 130 Sink Trap Sampling	SinkTrap-1	3/8/10	Water	SGS	PCB, VOC, Total RCRA Metals (8)	3/15/10
Building 130 Sink Trap Sampling	SinkTrap-1	3/8/10	Water	SGS	SVOC	3/18/10
Oil/Water from Parking Lot Snowpile	Unkamet-1	3/8/10	Oil	SGS	PCB	3/10/10

TABLE 7-2
PCB DATA RECEIVED DURING MARCH 2010

OIL/WATER FROM PARKING LOT SNOWPILE
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Unkamet-1	3/8/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)

Notes:

1. Sample was collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of
2. PCBs.

ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

TABLE 7-3
DATA RECEIVED DURING MARCH 2010

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

Parameter / Sample ID: / Date Collected:	SinkTrap-1 03/08/10
Volatile Organics	
2-Butanone	0.0044 J
Acetone	0.015
Benzene	0.00019 J
Chlorobenzene	0.00021 J
Chloroform	0.0014
Methylene Chloride	0.0024 J
Styrene	0.00053 J
Toluene	0.00023 J
PCBs-Unfiltered	
None Detected	--
Semivolatile Organics	
bis(2-Ethylhexyl)phthalate	0.18 J
Phenol	0.72
Inorganics-Unfiltered	
Barium	0.201
Cadmium	0.0620
Chromium	0.0232
Lead	1.59
Mercury	0.0152
Selenium	0.169
Silver	0.0102

Notes:

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

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles)

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

ITEM 8
FORMER OXBOW AREAS A&C
(GECD410)
MARCH 2010

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Conduct Spring 2010 inspection of re-planted trees and stressed plantings on Parcel I8-23-4 (in May).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

ITEM 9
LYMAN STREET AREA
(GECD430)
MARCH 2010

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Conduct Spring 2010 inspection of re-vegetated areas on Parcels I9-4-14 and I9-8-2, and engineered barrier on Parcel I9-8-1 (in May).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

None

ITEM 10
NEWELL STREET AREA I
(GECD440)
MARCH 2010

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Conduct Spring 2010 semi-annual inspection of engineered barriers (in May).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

ITEM 11
NEWELL STREET AREA II
(GECD450)
MARCH 2010

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Conduct Spring 2010 inspection of re-vegetated areas, engineered barriers, and backfilled/restored areas at Vermont/Ontario Street (in May).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

None

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

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Conduct Spring 2010 inspection of re-vegetated areas (in May).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

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

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

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

a. Activities Undertaken/Completed

On GE's behalf, ARCADIS performed one round of water column monitoring at 10 locations along the Housatonic River between Coltsville, MA and Great Barrington, MA, on March 25, 2010. Two of these locations are situated in the 1½ Mile Reach: Lyman Street Bridge (Location 4) and Pomeroy Avenue Bridge (Location 6A). A composite grab sample was collected at each location and submitted to Northeast Analytical for analysis of PCBs (total), total suspended solids (TSS), POC, and chlorophyll-a, as identified in Table 14-1. The sample collected at Pomeroy Avenue Bridge was also analyzed for volatile suspended solids (VSS). (The other eight locations are discussed under Items 15 and 20 below.)

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue Housatonic River water column monitoring.
- Perform Spring 2010 monitoring activities for the restored riverbank and non-riverbank vegetation.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

Received EPA's conditional approval of 2009 Annual Monitoring Report (March 22, 2010).*

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Monthly Water Column Sampling	Location-4	2/23/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/9/10
Monthly Water Column Sampling	Location-4	3/25/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-6A	3/25/10	Water	NEA	PCB, TSS, VSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-6A	2/23/10	Water	NEA	PCB, TSS, VSS, POC, Chlorophyll-A	3/9/10

TABLE 14-2
SAMPLE DATA RECEIVED DURING MARCH 2010

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

Sample ID	Location	Date Collected	Aroclor-1016,-1232 -1242, -1248, -1254	Aroclor 1221	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)	VSS
LOCATION-4	Lyman Street Bridge	02/23/10	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.58	1.55	0.0012	NA
LOCATION-6A	Pomeroy Ave. Bridg	02/23/10	ND(0.00000550)	0.00000820 PB	ND(0.00000550)	0.00000820	0.53	1.75	0.0015	1.07

Notes:

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

Data Qualifiers:

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.

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

a. Activities Undertaken/Completed

- On GE's behalf, ARCADIS performed one round of water column monitoring at 10 locations along the Housatonic River between Coltsville and Great Barrington, MA, on March 25, 2010. Two locations are situated in the 1½ Mile Reach of the Housatonic River and were discussed in Item 14. One location is at the outlet of Silver Lake and is discussed in Item 20 below. Of the remaining seven locations, two are located upstream of the 1½ Mile Reach: Hubbard Avenue Bridge (Location 1) and Newell Street Bridge (Location 2). The five remaining locations are situated in the Rest of the River: Holmes Road Bridge (Location 7); New Lenox Road Bridge (Location 9); Woods Pond Headwaters (Location 10); Schweitzer Bridge (Location 12); and Division Street Bridge (Location 13). Sampling activities were performed on March 25, 2010 downstream to upstream, from Division Street Bridge (Location 13) to Hubbard Avenue Bridge (Location 1). Composite grab samples were collected at each location sampled and submitted to Northeast Analytical for analysis of PCBs (total), TSS, POC, and chlorophyll-a, as identified in Table 15-1.

- GE continued work on Revised Corrective Measures Study (CMS) Report.*

- GE received a letter from EPA in response to GE's February 11, 2010 letter regarding EPA's conditional approval of GE's plan for evaluating additional remedial alternatives (March 12, 2010).*

b. Sampling/Test Results

See attached tables.

c. Work Plans/Reports/Documents Submitted

GE submitted to the EPA Region I Director of the Office of Remediation and Restoration a letter requesting him to resolve GE's dispute with respect to certain conditions in EPA's January 15, 2010 conditional approval letter for GE's work plan for evaluating additional remedial alternatives as part of the CMS process (March 4, 2010).*

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

- Continue Housatonic River monthly water column monitoring.

- Continue work on Revised CMS Report.*

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

TABLE 15-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 201(

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Monthly Water Column Sampling	HR-D1 (Location-12)	2/23/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/9/10
Monthly Water Column Sampling	HR-D1 (Location-12)	3/25/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-1	2/23/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/9/10
Monthly Water Column Sampling	Location-1	3/25/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-10	2/23/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/9/10
Monthly Water Column Sampling	Location-10	3/25/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-12	3/25/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-12	2/23/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/9/10
Monthly Water Column Sampling	Location-13	3/25/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-13	2/23/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/9/10
Monthly Water Column Sampling	Location-2	3/25/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-2	2/23/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/9/10
Monthly Water Column Sampling	Location-7	2/23/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/9/10
Monthly Water Column Sampling	Location-7	3/25/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-9	2/23/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/9/10
Monthly Water Column Sampling	Location-9	3/25/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	

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

TABLE 15-2
SAMPLE DATA RECEIVED DURING MARCH 2010

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

Sample ID	Location	Date Collected	Aroclor-1016,-1221 -1232, -1242, -1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-1	Hubbard Avenue Bridge	02/23/10	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	1.2	2.46	0.00060
LOCATION-2	Newell Street Bridge	02/23/10	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.64	2.38	0.0010
LOCATION-7	Holmes Road Bridge	02/23/10	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.46	1.65	0.0024
LOCATION-9	New Lenox Road Bridge	02/23/10	ND(0.0000220)	0.0000570 AF	ND(0.0000220)	0.0000570	0.42	1.75	0.0016
LOCATION-10	Headwaters of Woods Pon	02/23/10	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.28	1.65	0.0013
LOCATION-12	Schweitzer Bridge	02/23/10	ND(0.0000220)	0.0000230 AF	0.0000370 AG	0.0000600	0.48	3.69	0.0022
		02/23/10	[ND(0.000022)]	[0.0000230 AF]	[0.0000300 AG]	[0.0000530]	[0.48]	[3.50]	[0.0027]
LOCATION-13	Division Street Bridge	02/23/10	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.29	2.14	0.0014

Notes:

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

Data Qualifiers:

AF - Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AG - Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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

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

a. Activities Undertaken/Completed

Conducted Pre-Certification Inspection of Floodplain Non-Residential Properties with representatives of EPA, MDEP, and the City of Pittsfield (March 26, 2010).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted revised Draft Final Completion Report for Non-Residential Properties (March 9, 2010).

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

- Submit final version of the Final Completion Report for Floodplain Non-Residential Properties.
- Perform 2010 inspection of vernal pool located on Parcel I6-1-106 (in April).
- Conduct Spring 2010 inspections of replanted vegetation in Phase 2 areas, stressed vegetation in Phase 3 areas, and restored and revegetated areas in Phase 4 areas (in May).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

None

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

a. Activities Undertaken/Completed

- Collected one round of monthly water column samples from the Silver Lake Outfall on March 25, 2010, as noted in Table 20-1, and obtained gauge reading (see Item 21.a).

- Continued communications with PEDA, EPA, Western Massachusetts Electric Company (WMECo), and the natural resource trustees (Trustees) regarding the walking path and bank plantings along the northern and eastern sides of Silver Lake.*

- Received the Trustees' comments on the Final RD/RA Work Plan for Silver Lake Area (dated March 22, 2010).*

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted Addendum to the Final RD/RA Work Plan for Silver Lake Area (March 3, 2010).*

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

- Continue discussions with PEDA, EPA, the City, WMECo, and the Trustees regarding the walking path and bank plantings along the northern and eastern sides of Silver Lake (including issues relating to transfer of ownership of those areas).*

- Submit additional addendum to Final RD/RA Work Plan for Silver Lake Area in response to the Trustees' comments on that work plan, including a revised plan for the bank plantings along the northern and eastern sides of the Lake.*

- Conduct survey work for ERE for the GE-owned property between Silver Lake Boulevard and the Lake on the western and a portion of the northern side of the Lake.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Issues relating to the walking path and bank plantings along the northern and eastern sides of Silver Lake are under discussion with the PEDA, EPA, the City, WMECo, and the Trustees.*

f. Proposed/Approved Work Plan Modifications

None

TABLE 20-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 201(

SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Monthly Water Column Sampling	Location-4A	2/23/10	Water	NEA	PCB, TSS	3/9/10
Monthly Water Column Sampling	Location-4A	3/25/10	Water	NEA	PCB, TSS	

TABLE 20-2
SAMPLE DATA RECEIVED DURING MARCH 2010

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

Sample ID	Location	Date Collected	Aroclor-1016, -1232, -1242, -1248	Aroclor 1221	Aroclor 1254	Aroclor 1260	Total PCBs	TSS
LOCATION-4A	Silver Lake Outlet	2/23/2010	ND(0.0000220)	0.000100 PB	ND(0.0000220)	ND(0.0000220)	0.000100	ND(0.980)

Notes:

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

Data Qualifiers:

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

ITEM 21
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
MARCH 2010

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

a. Activities Undertaken/Completed

General:

- Conducted routine groundwater elevation and NAPL monitoring/recovery activities.
- Conducted well maintenance and repair activities.
- Conducted Spring 2010 bailing round.
- Initiated well decommissioning activities in East Street Area 1-North and South and East Street Area 2-North.

East Street Area 1-North and South:

- Continued automated groundwater and NAPL pumping at North Side and South Side Caissons. No LNAPL was removed from the North Side Caisson in March. Approximately 3 gallons of LNAPL were removed from the South Side Caisson in March.
- Continued routine well monitoring and manual NAPL removal activities. Approximately 1.141 liters (0.301 gallon) of LNAPL were removed from this area during March.
- Installed and developed monitoring well ES1-13R (replacement for well ESA1N-52 for groundwater sampling purposes)
- Decommissioned monitoring wells ES1-13 and 127.

East Street Area 2-South:

- Continued automated groundwater and LNAPL removal activities. A total of approximately 6,306,572 gallons of groundwater was recovered from pumping systems 64R, 64S, 64V, 64X, RW-1(S), RW-1(X), and RW-2(X). In addition, approximately 1,187 gallons of LNAPL were removed from pumping systems 64R, 64V, GMA1-17W, RW-1(S), RW-1(X), RW-4, 64X, and 64S Caisson.
- The LNAPL removed from the pumping systems includes approximately 6 gallons of LNAPL removed from recovery system RW-4 the last week in March.

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

a. Activities Undertaken/Completed (cont'd)

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

- Continued automated DNAPL removal activities. Approximately 39 gallons of DNAPL were removed from pumping system RW-3(X) during March.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 24.183 liters (6.381 gallons) of LNAPL were removed from wells in this area during March. Approximately 3.914 liters (1.033 gallons) of DNAPL were removed from wells in this area during March.

- Treated/discharged 5,538,436 gallons of water through Building 64G Groundwater Treatment Facility.

East Street Area 2-North:

- Continued well monitoring and NAPL removal activities. Approximately 0.141 liter (0.037 gallon) of LNAPL was removed from wells in this area in March.

- Installed and developed monitoring well A7-RR (replacement for well A7-R).

- Decommissioned monitoring well A7-R.

20s, 30s, and 40s Complexes:

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

Lyman Street Area:

- Continued automated groundwater and NAPL removal activities. A total of approximately 276,342 gallons of groundwater was recovered from pumping systems RW-1R, RW-2, and RW-3. No LNAPL was removed from the automated recovery systems during March.

- Continued routine well monitoring and NAPL removal activities. Approximately 0.062 liter (0.016 gallon) of LNAPL was removed from wells in this area during March. Approximately 2.621 liters (0.692 gallon) of DNAPL were removed from wells in this area during March.

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

a. Activities Undertaken/Completed (cont'd)

Newell Street Area II:

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

- Continued routine well monitoring and NAPL removal activities. Approximately 0.618 liter (0.163 gallon) of LNAPL was removed from wells in this area during March. Approximately 4.965 liters (1.310 gallons) of DNAPL were recovered from wells in this area during March.

Newell Street Area I:

None

Silver Lake Area:

- Continued routine monitoring of lake level.

- Obtained gauge reading for flow calculation.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine groundwater and NAPL monitoring/recovery activities.

- Conduct Spring 2010 interim groundwater sampling event.

- Conduct Spring 2010 groundwater elevation and NAPL monitoring event.

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

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

- Install and develop monitoring well RF-3S (replacement for shallow monitoring well RF-3 paired with deep well RF-3D).

- Conduct riverbank inspection. A high flow event was recorded at the Housatonic River Coltsville gauging station on March 23, 2010 (peak discharge of 1,420 cubic feet per second). A second high flow event was recorded at the same gauging station on March 31, 2010 (peak discharge of 1,510 cubic feet per second). The follow-up inspection to those high-flow events will be combined with the upcoming semi-annual riverbank inspection scheduled for April 7, 2010.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- Well 9-N was unable to be located and decommissioned. The well location is covered by a recently installed 20 foot square concrete pad.

- Well 49 was unable to be located and decommissioned. The well location was determined to be paved over during previous road work.

- Wells 95-12 and 131 were beneath standing water and unable to be decommissioned as scheduled.

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

- DNAPL was observed in East Street Area 2-South well 29 during the semi-annual bailing round. Although this well is located in a historically mapped DNAPL area, no recent documentation of DNAPL in the wells was identified. As such, GE made a precautionary notification of this observation to EPA and MDEP on April 2, 2010.

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

f. Proposed/Approved Work Plan Modifications

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

TABLE 21-1
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
March 2010

Caisson	Month	Vol. LNAPL Collected (gallon)	Vol. Water Recovered (gallon)	Percent Downtime
Northside	March 2009	0.0	34,488	
	April 2009	0.0	26,418	
	May 2009	0.0	19,474	
	June 2009	0.0	29,333	
	July 2009	0.0	32,713	
	August 2009	0.0	43,701	
	September 2009	0.0	33,595	
	October 2009	0.0	16,576	0.5
	November 2009	0.0	12,980	10.34
	December 2009	0.0	30,066	
	January 2010	0.0	11,050	
	February 2010	0.0	7,550	
	March 2010	0.0	33,300	14.58
Southside	March 2009	0.0	88,480	
	April 2009	0.0	72,050	
	May 2009	0.0	79,300	
	June 2009	0.0	61,300	13.79
	July 2009	0.0	98,150	
	August 2009	0.0	110,830	10.34
	September 2009	0.0	88,770	
	October 2009	7.7	93,810	0.50
	November 2009	2.0	79,630	
	December 2009	0.5	93,900	
	January 2010	0.0	66,580	
	February 2010	0.0	60,940	
	March 2010	3.0	77,270	9.03

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

TABLE 21-2
MEASUREMENT AND REMOVAL OF RECOVERABLE LNAPL
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	March 2010 Removal (liters)
GMA 1 - East Street Area 1 - South						
45	3/31/2010	4.96	4.95	0.01	0.006	**0.006**
72	3/31/2010	5.98	5.95	0.03	0.018	**0.018**
76	3/31/2010	6.62	6.30	0.32	0.197	**0.197**
GMA 1 - East Street Area 1 - North						
25	3/31/2010	4.96	4.90	0.06	0.037	**0.037**
105	3/31/2010	6.86	6.16	0.70	0.432	**0.432**
106	3/31/2010	8.04	7.32	0.72	0.445	**0.445**
140	3/31/2010	6.41	6.40	0.01	0.006	**0.006**

Total Manual LNAPL Removal for March 2010: 1.141 liters
0.301 gallons

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

TABLE 21-3
ROUTINE WELL MONITORING
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA 1 - East Street Area 1 - North									
25	1,000.70	3/31/2010	4.96	4.90	0.06	---	16.48	0.00	995.80
105	1,002.85	3/31/2010	6.86	6.16	0.70	---	17.40	0.00	996.64
106	1,004.06	3/31/2010	8.04	7.32	0.72	---	17.70	0.00	996.69
131	1,001.18	3/31/2010	Submerged Under Water				NA	NA	NA
140	1,000.30	3/31/2010	6.41	6.40	0.01	---	16.55	0.00	993.90
ES1-08	1,000.93	3/31/2010	4.10	---	0.00	---	13.05	0.00	996.83
North Caisson	997.84	3/3/2010	16.60	P	< 0.01	---	19.80	0.00	981.24
North Caisson	997.84	3/11/2010	17.55	P	< 0.01	---	19.80	0.00	980.29
North Caisson	997.84	3/16/2010	17.09	P	< 0.01	---	19.80	0.00	980.75
North Caisson	997.84	3/24/2010	18.64	P	< 0.01	---	19.80	0.00	979.20
North Caisson	997.84	3/31/2010	16.15	P	< 0.01	---	19.80	0.00	981.69
GMA 1 - East Street Area 1 - South									
31R	1,000.23	3/9/2010	9.52	---	0.00	---	14.95	0.00	990.71
33	999.50	3/9/2010	3.37	---	0.00	---	21.65	0.00	996.13
33	999.50	3/31/2010	3.88	---	0.00	---	21.28	0.00	995.62
34	999.90	3/9/2010	6.23	---	0.00	---	21.83	0.00	993.67
34	999.90	3/31/2010	5.15	---	0.00	---	21.82	0.00	994.75
35	1,000.15	3/31/2010	6.12	---	0.00	---	11.86	0.00	994.03
45	1,000.10	3/31/2010	4.96	4.95	0.01	---	20.30	0.00	995.15
72	1,000.62	3/9/2010	7.16	---	0.00	---	22.73	0.00	993.46
72	1,000.62	3/31/2010	5.98	5.95	0.03	---	22.62	0.00	994.67
72R	1,000.92	3/9/2010	6.60	---	0.00	---	13.08	0.00	994.32
76	1,000.45	3/31/2010	6.62	6.30	0.32	---	22.85	0.00	994.13
South Caisson	1,001.11	3/3/2010	13.86	13.84	0.02	---	15.00	0.00	987.27
South Caisson	1,001.11	3/11/2010	13.78	13.75	0.03	---	15.00	0.00	987.36
South Caisson	1,001.11	3/16/2010	13.85	13.81	0.04	---	15.00	0.00	987.30
South Caisson	1,001.11	3/24/2010	11.21	11.17	0.04	---	15.00	0.00	989.94
South Caisson	1,001.11	3/31/2010	13.72	13.71	0.01	---	15.00	0.00	987.40

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. P indicates that NAPL is present at a thickness < 0.01 feet, the corresponding thickness is recorded as such.

TABLE 21-4
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
17W	March 2009	14		
	April 2009	3		
	May 2009	4		
	June 2009	19		
	July 2009	12		
	August 2009	1		
	September 2009	0		
	October 2009	2		0.50
	November 2009	1		20.69
	December 2009	4		
	January 2010	4		
	February 2010	8		
	March 2010	29		0.69
64R	March 2009	12	656,208	
	April 2009	275	854,416	
	May 2009	100	441,104	
	June 2009	37	553,172	
	July 2009	563	1,297,509	
	August 2009	63	1,108,108	
	September 2009	288	1,048,993	
	October 2009	150	721,066	0.50
	November 2009	68	299,558	
	December 2009	63	482,506	
	January 2010	28	324,800	
	February 2010	10	207,185	
	March 2010	63	315,088	0.69
64S System	March 2009	420	1,006,322	
	April 2009	587	922,800	
	May 2009	440	708,357	
	June 2009	325	798,831	
	July 2009	514	1,274,020	
	August 2009	996	1,734,093	
	September 2009	738	1,225,005	
	October 2009	575	859,442	0.50
	November 2009	280	687,847	
	December 2009	302	867,002	
	January 2010	331	617,910	
	February 2010	175	562,253	
	March 2010	125	1,173,097	0.69
64V	March 2009	483	1,053,600	
	April 2009	558	919,500	
	May 2009	324	786,200	
	June 2009	280	672,200	3.45
	July 2009	353	997,000	5.71
	August 2009	586	1,077,000	
	September 2009	461	985,700	3.09
	October 2009	251	1,002,500	6.00
	November 2009	627	770,100	
	December 2009	665	916,300	
	January 2010	484	831,500	
	February 2010	494	814,400	
	March 2010	864	1,198,000	0.69

TABLE 21-4
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64X	March 2009	32	489,600	
	April 2009	27	417,600	
	May 2009	10	403,200	
	June 2009	28	417,600	
	July 2009	96	504,000	
	August 2009	53	417,600	
	September 2009	10	388,800	
	October 2009	59	504,000	0.50
	November 2009	12	417,600	
	December 2009	16	489,600	
	January 2010	23	403,200	
	February 2010	12	388,800	
	March 2010	50	518,400	3.47
RW-2(X)	March 2009	0	1,820,529	
	April 2009	0	1,533,951	
	May 2009	0	1,423,182	
	June 2009	0	903,049	
	July 2009	0	1,130,435	
	August 2009	0	948,470	
	September 2009	0	929,339	
	October 2009	0	1,101,472	0.50
	November 2009	0	771,940	
	December 2009	0	810,061	
	January 2010	0	568,504	
	February 2010	0	529,773	
	March 2010	0	638,070	0.69
RW-1(S) [1]	March 2009	29	686,979	
	April 2009	33	667,846	
	May 2009	35	560,861	
	June 2009	30	587,829	
	July 2009	49	802,636	
	August 2009	28	823,517	
	September 2009	50	713,005	
	October 2009	45	673,856	0.50
	November 2009	60	559,420	
	December 2009	69	624,919	
	January 2010	50	495,015	
	February 2010	32	454,396	
	March 2010	46	747,418	0.69
RW-1(X)	March 2009	3	397,405	1.96
	April 2009	0	373,843	
	May 2009	0	438,461	
	June 2009	0	438,887	
	July 2009	0	482,508	
	August 2009	5	378,605	
	September 2009	4.5	325,513	
	October 2009	18	380,238	4.76
	November 2009	0	280,351	
	December 2009	0	318,690	
	January 2010	0	353,734	
	February 2010	0	266,084	
	March 2010	5	477,074	0.69

TABLE 21-4
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
RW-4	March 2009	0	1,265,583	
	April 2009	0	1,117,468	
	May 2009	0	927,975	3.42
	June 2009	0	1,090,987	
	July 2009	0	1,289,842	
	August 2009	0	1,020,406	
	September 2009	0	931,479	
	October 2009	0	1,239,302	0.50
	November 2009	0	1,042,797	
	December 2009	0	1,202,356	
	January 2010	0	945,594	
	February 2010	0	941,780	
	March 2010	6	1,239,425	0.69
RW-3(X)	March 2009	23		
	April 2009	19		
	May 2009	14		
	June 2009	16		
	July 2009	30		
	August 2009	20		
	September 2009	15		
	October 2009	21		0.50
	November 2009	20		
	December 2009	94		
	January 2010	35		
	February 2010	21		
	March 2010	39		0.69

Summary of Total Automated Removal		
Water:	**6,306,572**	**Gallons**
LNAPL:	**1,187**	**Gallons**
DNAPL:	**39**	**Gallons**

Notes:

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

TABLE 21-5
WELL MONITORING AND RECOVERY OF LNAPL
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	March 2010 Removal (liters)
East Street Area 2 - North						
14-N	3/30/2010	23.40	23.25	0.15	0.092	**0.092**
23-N	3/30/2010	27.08	27.00	0.08	0.049	**0.049**
East Street Area 2 - South						
02	3/29/2010	14.63	14.62	0.01	0.006	**0.006**
13	3/9/2010	17.80	17.55	0.25	0.154	**0.154**
13	3/29/2010	16.10	15.93	0.17	0.105	**0.105**
25R	3/9/2010	20.46	20.15	0.31	0.191	**1.148**
	3/29/2010	19.90	18.35	1.55	0.957	
26RR	3/30/2010	19.57	19.55	0.02	0.012	**0.012**
29	3/29/2010	16.18	16.15	0.03	0.019	**0.019**
47	3/29/2010	16.65	15.73	0.92	0.568	**0.568**
48	3/9/2010	16.83	15.20	1.63	1.005	**1.558**
	3/29/2010	14.95	13.78	1.17	0.553	
50	3/29/2010	8.55	8.52	0.03	0.018	**0.018**
95-04R	3/9/2010	14.99	13.51	1.48	3.657	**10.328**
	3/29/2010	14.80	12.10	2.70	6.671	
95-05	3/29/2010	14.50	14.16	0.34	0.210	**0.210**
ES2-15R	3/1/2010	14.93	12.02	2.91	1.795	**6.699**
	3/9/2010	14.20	11.91	2.29	1.412	
	3/16/2010	11.32	11.31	0.01	0.006	
	3/23/2010	12.76	10.33	2.43	1.499	
	3/29/2010	13.75	10.53	3.22	1.987	
GMA1-15	3/1/2010	15.87	15.24	0.63	0.388	**2.484**
	3/9/2010	15.80	15.07	0.73	0.450	
	3/16/2010	15.04	13.98	1.06	0.653	
	3/23/2010	14.42	13.56	0.86	0.530	
	3/30/2010	14.35	13.60	0.75	0.463	
GMA1-16	3/9/2010	12.37	12.33	0.04	0.024	**0.024**
GMA1-17E	3/29/2010	13.46	13.45	0.01	0.006	**0.006**
GMA1-19	3/1/2010	11.22	11.10	0.12	0.074	**0.622**
	3/9/2010	11.03	10.86	0.17	0.104	
	3/23/2010	9.47	9.40	0.07	0.043	
	3/29/2010	10.25	9.60	0.65	0.401	
HR-C-RW-1	3/30/2010	3.21	---	0.00	0.111	**0.111**
HR-G2-RW-1	3/9/2010	5.50	5.49	0.01	0.055	**0.111**
	3/29/2010	3.44	3.43	0.01	0.056	

Total LNAPL Removal East Street Area 2 - South for March 2010: 24.183 liters
6.381 gallons

Total LNAPL Removal East Street Area 2 - North for March 2010: 0.141 liters
0.037 gallons

Total LNAPL Removal for March 2010: 24.324 liters
6.418 gallons

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

TABLE 21-6
WELL MONITORING AND RECOVERY OF DNAPL
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	March 2010 Removal (liters)
East Street Area 2 - South						
29	3/29/2010	16.18	21.50	0.20	0.124	**0.124**
E2SC-03I	3/9/2010	8.81	39.74	2.49	1.536	**3.358**
	3/30/2010	6.78	39.25	2.95	1.822	
ES2-17R	3/30/2010	10.65	20.48	0.70	0.432	**0.432**

Total DNAPL Removal East Street Area 2 - South for March 2010: 3.914 liters
1.033 gallons

Total DNAPL Removal for March 2010: 3.914 liters
1.033 gallons

Note:
1. ft BMP - feet Below Measuring Point

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

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

Date	Housatonic River Discharge (gallons)	Recharge Pond Discharge (gallons)	Total Discharge (gallons)
March 2009	5,982,560	111,398	6,093,958
April 2009	6,207,550	184,769	6,392,319
May 2009	5,293,540	262,758	5,556,298
June 2009	5,683,980	175,881	5,859,861
July 2009	6,568,360	190,145	6,758,505
August 2009	8,002,460	137,068	8,139,528
September 2009	6,599,690	205,121	6,804,811
October 2009	5,169,470	198,300	5,367,770
November 2009	4,591,770	154,772	4,746,772
December 2009	4,961,770	140,375	5,102,145
January 2010	4,664,840	114,621	4,799,461
February 2010	3,765,500	104,457	3,869,957
March 2010	5,497,600	40,836	5,538,436

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

TABLE 21-8
ROUTINE WELL MONITORING
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
20's Complex									
CC	998.84	3/30/2010	Buried, no access.						NA
EE	1,004.27	3/30/2010	22.10	---	0.00	---	33.33	0.00	982.17
GG	1,007.40	3/30/2010	23.86	---	0.00	---	34.32	0.00	983.54
II	1,007.26	3/30/2010	22.40	---	0.00	---	32.50	0.00	984.86
QQ-R	998.32	3/30/2010	Stick up greater than 6' above ground surface due to PEDA work, no access.						NA
U	998.89	3/30/2010	21.34	---	0.00	---	31.33	0.00	977.55
Y	1,003.10	3/30/2010	19.43	---	0.00	---	31.03	0.00	983.67
30's Complex									
RF-16R	986.77	3/9/2010	10.73	---	0.00	---	16.76	0.00	976.04
RF-16R	986.77	3/31/2010	10.15	---	0.00	---	16.76	0.00	976.62
East Street Area 2 - North									
05-N	1,009.23	3/30/2010	23.87	---	0.00	---	27.74	0.00	985.36
11-N	1,010.92	3/30/2010	20.74	---	0.00	---	37.48	0.00	990.18
14-N	1,010.53	3/30/2010	23.40	23.25	0.15	---	31.25	0.00	987.27
16-N	1,010.65	3/30/2010	27.30	---	0.00	---	38.67	0.00	983.35
17-N	1,010.49	3/30/2010	26.88	---	0.00	---	38.80	0.00	983.61
23-N	1,011.13	3/30/2010	27.08	27.00	0.08	---	39.40	0.00	984.12
24-N	1,010.50	3/30/2010	26.13	---	0.00	---	38.11	0.00	984.37
GMA1-4	1,011.52	3/16/2010	15.08	---	0.00	---	20.04	0.00	996.44
East Street Area 2 - South									
02	995.64	3/29/2010	14.63	14.62	0.01	---	23.34	0.00	981.02
09R	987.20	3/29/2010	11.76	---	0.00	---	19.48	0.00	975.44
13	990.88	3/9/2010	17.80	17.55	0.25	---	23.00	0.00	973.31
13	990.88	3/29/2010	16.10	15.93	0.17	---	23.11	0.00	974.94
14	991.61	3/9/2010	17.60	---	0.00	---	28.52	0.00	974.01
14	991.61	3/30/2010	16.00	---	0.00	---	28.30	0.00	975.61
19	983.59	3/1/2010	10.88	---	0.00	---	17.35	0.00	972.71
19	983.59	3/9/2010	10.80	---	0.00	---	17.35	0.00	972.79
19	983.59	3/16/2010	9.64	---	0.00	---	17.35	0.00	973.95
19	983.59	3/23/2010	8.94	---	0.00	---	17.38	0.00	974.65
25R	998.31	3/9/2010	20.46	20.15	0.31	---	30.61	0.00	978.14
25R	998.31	3/29/2010	19.90	18.35	1.55	---	30.61	0.00	979.85
26RR	1,000.58	3/9/2010	21.53	---	0.00	---	28.30	0.00	979.05
26RR	1,000.58	3/30/2010	19.57	19.55	0.02	---	28.31	0.00	981.03
29	991.59	3/29/2010	16.18	16.15	0.03	21.50	21.70	0.20	975.44
30	989.34	3/9/2010	11.82	---	0.00	---	22.50	0.00	977.52
30	989.34	3/29/2010	9.61	---	0.00	---	22.50	0.00	979.73
31	990.60	3/29/2010	10.85	---	0.00	---	22.92	0.00	979.75
40R	991.60	3/9/2010	DRY				12.55	0.00	< 979.05
42	988.33	3/29/2010	9.38	---	0.00	---	18.76	0.00	978.95
43	989.67	3/29/2010	13.41	---	0.00	---	22.42	0.00	976.26
47	991.09	3/29/2010	16.65	15.73	0.92	---	23.18	0.00	975.30
48	992.39	3/9/2010	16.83	15.20	1.63	---	22.56	0.00	977.08
48	992.39	3/29/2010	14.95	13.78	1.17	---	22.55	0.00	978.53
49R	988.71	3/9/2010	15.05	---	0.00	---	24.95	0.00	973.66
49RR	989.80	3/9/2010	16.08	---	0.00	---	23.01	0.00	973.72
50	985.79	3/29/2010	8.55	8.52	0.03	---	23.40	0.00	977.27
55	985.97	3/9/2010	12.38	---	0.00	---	26.53	0.00	973.59
55	985.97	3/29/2010	11.10	---	0.00	---	26.53	0.00	974.87
57	989.80	3/29/2010	9.55	---	0.00	---	27.23	0.00	980.25
58	985.79	3/29/2010	16.99	---	0.00	---	23.18	0.00	968.80

TABLE 21-8
ROUTINE WELL MONITORING
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
64R	993.37	3/3/2010	15.92	15.89	0.03	---	20.50	0.00	977.48
64R	993.37	3/11/2010	15.92	P	< 0.01	---	20.50	0.00	977.45
64R	993.37	3/16/2010	14.85	14.79	0.06	---	20.50	0.00	978.58
64R	993.37	3/24/2010	14.82	14.76	0.06	---	20.50	0.00	978.61
64R	993.37	3/31/2010	15.45	15.43	0.02	---	20.50	0.00	977.94
64S	984.48	3/3/2010	19.59	---	0.00	---	28.70	0.00	964.89
64S	984.48	3/11/2010	19.27	---	0.00	---	28.70	0.00	965.21
64S	984.48	3/16/2010	19.26	---	0.00	---	28.70	0.00	965.22
64S	984.48	3/24/2010	19.33	---	0.00	---	28.70	0.00	965.15
64S	984.48	3/31/2010	19.33	---	0.00	---	28.70	0.00	965.15
64S-Caisson	NA	3/3/2010	10.71	10.69	0.02	---	14.55	0.00	NA
64S-Caisson	NA	3/11/2010	10.64	10.60	0.04	---	14.55	0.00	NA
64S-Caisson	NA	3/16/2010	10.58	10.56	0.02	---	14.55	0.00	NA
64S-Caisson	NA	3/24/2010	10.62	10.60	0.02	---	14.55	0.00	NA
64S-Caisson	NA	3/31/2010	10.66	10.64	0.02	---	14.55	0.00	NA
64V	987.29	3/3/2010	21.57	21.15	0.42	P	29.60	< 0.01	966.11
64V	987.29	3/11/2010	21.50	20.95	0.55	P	29.60	< 0.01	966.30
64V	987.29	3/16/2010	20.80	20.50	0.30	P	29.60	< 0.01	966.77
64V	987.29	3/24/2010	21.10	20.80	0.30	P	29.60	< 0.01	966.47
64V	987.29	3/31/2010	21.12	20.87	0.25	P	29.60	< 0.01	966.40
64X(N)	984.83	3/3/2010	10.90	10.87	0.03	---	15.85	0.00	973.96
64X(N)	984.83	3/11/2010	11.00	10.98	0.02	---	15.85	0.00	973.85
64X(N)	984.83	3/16/2010	12.54	12.50	0.04	---	15.85	0.00	972.33
64X(N)	984.83	3/24/2010	12.31	12.27	0.04	---	15.85	0.00	972.56
64X(N)	984.83	3/31/2010	11.83	11.79	0.04	---	15.85	0.00	973.04
64X(S)	981.56	3/3/2010	14.10	14.00	0.10	---	23.82	0.00	967.55
64X(S)	981.56	3/11/2010	13.98	13.92	0.06	---	23.82	0.00	967.64
64X(S)	981.56	3/16/2010	12.40	12.34	0.06	---	23.82	0.00	969.22
64X(S)	981.56	3/24/2010	12.38	12.32	0.06	---	23.82	0.00	969.24
64X(S)	981.56	3/31/2010	11.68	11.63	0.05	---	23.82	0.00	969.93
64X(W)	984.87	3/3/2010	17.34	17.30	0.04	---	24.35	0.00	967.57
64X(W)	984.87	3/11/2010	17.15	17.10	0.05	---	24.35	0.00	967.77
64X(W)	984.87	3/16/2010	16.65	16.60	0.05	---	24.35	0.00	968.27
64X(W)	984.87	3/24/2010	18.23	18.21	0.02	---	24.35	0.00	966.66
64X(W)	984.87	3/31/2010	15.90	15.86	0.04	---	24.35	0.00	969.01
95-01	983.49	3/9/2010	9.94	---	0.00	---	16.54	0.00	973.55
95-04R	988.36	3/9/2010	14.99	13.51	1.48	---	21.92	0.00	974.75
95-04R	988.36	3/29/2010	14.80	12.10	2.70	---	21.95	0.00	976.07
95-05	989.45	3/29/2010	14.50	14.16	0.34	---	20.08	0.00	975.27
3-6C-EB-22	986.94	3/9/2010	13.65	---	0.00	---	20.00	0.00	973.29
3-6C-EB-25	985.84	3/29/2010	10.98	---	0.00	---	24.80	0.00	974.86
E2SC-03I*	982.12	3/9/2010	8.81	---	0.00	39.74	42.23	2.49	973.31
E2SC-03I*	982.12	3/30/2010	6.78	---	0.00	39.25	42.20	2.95	975.34
E2SC-23	992.07	3/9/2010	15.90	---	0.00	---	21.15	0.00	976.17
E2SC-24	987.90	3/9/2010	14.83	---	0.00	---	21.61	0.00	973.07
ES2-10	991.55	3/29/2010	12.16	---	0.00	---	19.62	0.00	979.39
ES2-14	985.93	3/29/2010	10.93	---	0.00	---	12.24	0.00	975.00
ES2-15R	986.20	3/1/2010	14.93	12.02	2.91	---	19.46	0.00	973.98
ES2-15R	986.20	3/9/2010	14.20	11.91	2.29	---	19.46	0.00	974.13
ES2-15R	986.20	3/16/2010	11.32	11.31	0.01	---	19.48	0.00	974.89
ES2-15R	986.20	3/23/2010	12.76	10.33	2.43	---	19.47	0.00	975.70
ES2-15R	986.20	3/29/2010	13.75	10.53	3.22	---	19.37	0.00	975.44
ES2-17R	986.01	3/30/2010	10.65	---	0.00	20.48	21.18	0.70	975.36
ES2-18	986.86	3/29/2010	9.90	---	0.00	---	21.90	0.00	976.96

TABLE 21-8
ROUTINE WELL MONITORING
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
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CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2010

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA1-14	997.43	3/1/2010	18.35	---	0.00	---	22.58	0.00	979.08
GMA1-14	997.43	3/9/2010	18.33	---	0.00	---	22.58	0.00	979.10
GMA1-14	997.43	3/16/2010	17.55	---	0.00	---	22.58	0.00	979.88
GMA1-14	997.43	3/23/2010	16.85	---	0.00	---	22.58	0.00	980.58
GMA1-14	997.43	3/29/2010	16.20	---	0.00	---	22.56	0.00	981.23
GMA1-15	988.59	3/1/2010	15.87	15.24	0.63	---	17.78	0.00	973.31
GMA1-15	988.59	3/9/2010	15.80	15.07	0.73	---	17.78	0.00	973.47
GMA1-15	988.59	3/16/2010	15.04	13.98	1.06	---	17.77	0.00	974.54
GMA1-15	988.59	3/23/2010	14.42	13.56	0.86	---	17.79	0.00	974.97
GMA1-15	988.59	3/30/2010	14.35	13.60	0.75	---	17.78	0.00	974.94
GMA1-16	986.82	3/9/2010	12.37	12.33	0.04	---	19.90	0.00	974.49
GMA1-16	986.82	3/29/2010	11.05	---	0.00	---	19.90	0.00	975.77
GMA1-17E	993.03	3/9/2010	15.35	15.29	0.06	---	17.30	0.00	977.74
GMA1-17E	993.03	3/29/2010	13.46	13.45	0.01	---	17.30	0.00	979.58
GMA1-17W	992.63	3/3/2010	17.56	P	< 0.01	---	NM	0.00	975.07
GMA1-17W	992.63	3/11/2010	NM	NM	NM	NM	NM	NM	NM
GMA1-17W	992.63	3/16/2010	NM	NM	NM	NM	NM	NM	NM
GMA1-17W	992.63	3/24/2010	NM	NM	NM	NM	NM	NM	NM
GMA1-17W	992.63	3/31/2010	NM	NM	NM	NM	NM	NM	NM
GMA1-19	984.28	3/1/2010	11.22	11.10	0.12	---	17.14	0.00	973.17
GMA1-19	984.28	3/9/2010	11.03	10.86	0.17	---	17.14	0.00	973.41
GMA1-19	984.28	3/16/2010	9.90	---	0.00	---	17.14	0.00	974.38
GMA1-19	984.28	3/23/2010	9.47	9.40	0.07	---	17.14	0.00	974.88
GMA1-19	984.28	3/29/2010	10.25	9.60	0.65	---	17.14	0.00	974.63
GMA1-20	983.49	3/1/2010	10.53	---	0.00	---	17.25	0.00	972.96
GMA1-20	983.49	3/9/2010	10.45	---	0.00	---	17.25	0.00	973.04
GMA1-20	983.49	3/16/2010	9.16	---	0.00	---	17.30	0.00	974.33
GMA1-20	983.49	3/23/2010	8.55	---	0.00	---	17.30	0.00	974.94
GMA1-21	985.68	3/1/2010	12.50	---	0.00	---	19.60	0.00	973.18
GMA1-21	985.68	3/9/2010	12.48	---	0.00	---	19.60	0.00	973.20
GMA1-21	985.68	3/16/2010	11.24	---	0.00	---	19.60	0.00	974.44
GMA1-21	985.68	3/23/2010	10.65	---	0.00	---	19.60	0.00	975.03
GMA1-22	988.45	3/1/2010	14.86	---	0.00	---	19.14	0.00	973.59
GMA1-22	988.45	3/9/2010	14.81	---	0.00	---	19.14	0.00	973.64
GMA1-22	988.45	3/16/2010	13.73	---	0.00	---	19.15	0.00	974.72
GMA1-22	988.45	3/23/2010	13.30	---	0.00	---	19.19	0.00	975.15
GMA1-23	986.16	3/1/2010	12.87	---	0.00	---	17.24	0.00	973.29
GMA1-23	986.16	3/9/2010	12.74	---	0.00	---	17.24	0.00	973.42
GMA1-23	986.16	3/16/2010	11.81	---	0.00	---	17.25	0.00	974.35
GMA1-23	986.16	3/23/2010	11.25	---	0.00	---	17.25	0.00	974.91
GMA1-24	983.81	3/1/2010	10.87	---	0.00	---	15.88	0.00	972.94
GMA1-24	983.81	3/9/2010	10.80	---	0.00	---	15.88	0.00	973.01
GMA1-24	983.81	3/16/2010	9.62	---	0.00	---	15.88	0.00	974.19
GMA1-24	983.81	3/23/2010	9.03	---	0.00	---	15.86	0.00	974.78
GMA1-24	983.81	3/29/2010	9.30	---	0.00	---	15.86	0.00	974.51
HR-C-RW-1	NA	3/30/2010	3.21	---	0.00	22.68	22.70	0.02	NA
HR-G2-MW-1	982.60	3/9/2010	10.24	---	0.00	---	18.23	0.00	972.36
HR-G2-MW-2	981.39	3/9/2010	7.45	---	0.00	---	17.66	0.00	973.94
HR-G2-MW-3	987.14	3/9/2010	14.18	---	0.00	---	21.98	0.00	972.96
HR-G2-RW-1	976.88	3/9/2010	5.50	5.49	0.01	---	18.70	0.00	972.78
HR-G2-RW-1	976.88	3/29/2010	3.44	3.43	0.01	---	18.72	0.00	974.32
M-R	998.19	3/29/2010	17.18	---	0.00	---	29.22	0.00	981.01
P3	987.56	3/29/2010	4.73	---	0.00	---	12.77	0.00	982.83

TABLE 21-8
ROUTINE WELL MONITORING
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
RW-1(S)	987.23	3/3/2010	17.27	16.89	0.38	---	28.60	0.00	970.31
RW-1(S)	987.23	3/11/2010	17.12	17.01	0.11	---	28.60	0.00	970.21
RW-1(S)	987.23	3/16/2010	17.30	P	< 0.01	---	28.60	0.00	969.93
RW-1(S)	987.23	3/24/2010	16.50	16.45	0.05	---	28.60	0.00	970.78
RW-1(S)	987.23	3/31/2010	16.30	16.28	0.02	---	28.60	0.00	970.95
RW-1(X)	982.68	3/3/2010	12.97	12.74	0.23	---	20.80	0.00	969.92
RW-1(X)	982.68	3/11/2010	13.86	13.60	0.26	---	20.80	0.00	969.06
RW-1(X)	982.68	3/16/2010	12.60	12.50	0.10	---	20.80	0.00	970.17
RW-1(X)	982.68	3/24/2010	11.50	10.80	0.70	---	20.80	0.00	971.83
RW-1(X)	982.68	3/31/2010	12.20	11.86	0.34	---	20.80	0.00	970.80
RW-2(X)	985.96	3/3/2010	13.65	---	0.00	---	22.80	0.00	972.31
RW-2(X)	985.96	3/11/2010	16.69	---	0.00	---	22.80	0.00	969.27
RW-2(X)	985.96	3/16/2010	15.83	---	0.00	---	22.80	0.00	970.13
RW-2(X)	985.96	3/24/2010	16.51	---	0.00	---	22.80	0.00	969.45
RW-2(X)	985.96	3/31/2010	16.23	---	0.00	---	22.80	0.00	969.73
RW-3(X)	980.28	3/3/2010	8.20	---	0.00	44.29	44.40	0.11	972.08
RW-3(X)	980.28	3/11/2010	8.17	---	0.00	44.31	44.40	0.09	972.11
RW-3(X)	980.28	3/16/2010	8.15	---	0.00	44.32	44.40	0.08	972.13
RW-3(X)	980.28	3/24/2010	8.04	---	0.00	44.24	44.40	0.16	972.24
RW-3(X)	980.28	3/31/2010	7.68	---	0.00	44.30	44.40	0.10	972.60
RW-4	987.44	3/3/2010	18.91	---	0.00	---	29.05	0.00	968.53
RW-4	987.44	3/11/2010	18.43	18.29	0.14	---	29.05	0.00	969.14
RW-4	987.44	3/16/2010	17.53	17.25	0.28	---	29.05	0.00	970.17
RW-4	987.44	3/24/2010	17.42	16.81	0.61	---	29.05	0.00	970.59
RW-4	987.44	3/31/2010	16.83	16.80	0.03	---	29.05	0.00	970.64
Housatonic River									
SG-HR-1	990.73	3/1/2010	18.15	See Note 7 regarding depth to water					972.58
SG-HR-1	990.73	3/9/2010	18.75	See Note 7 regarding depth to water					971.98
SG-HR-1	990.73	3/16/2010	16.56	See Note 7 regarding depth to water					974.17
SG-HR-1	990.73	3/23/2010	15.26	See Note 7 regarding depth to water					975.47

Notes:

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

TABLE 21-9
ACTIVE RECOVERY SYSTEMS MONTHLY SUMMARY
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

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

Month / Year	Volume Water Pumped (gallon)	RW-1R LNAPL Recovered (gallon)	RW-3 LNAPL Recovered (gallon)
March 2008	268,237	1	--
April 2008	374,027	--	10
May 2008	231,623	--	15
June 2008	172,407	--	--
July 2008	199,259	--	--
August 2008	145,363	--	--
September 2008	143,958	--	--
October 2008	169,967	--	--
November 2008	170,210	--	--
December 2008	296,823	--	--
January 2009	210,215	--	2
February 2009	157,613	--	--
March 2009	239,619	--	--
April 2009	224,069	--	--
May 2009	169,454	--	--
June 2009	177,905	--	5
July 2009	235,443	--	--
August 2009	226,534	--	--
September 2009	167,725	--	--
October 2009	175,748	--	--
November 2009	181,566	--	--
December 2009	206,089	--	5
January 2010	149,663	--	--
February 2010	141,012	--	--
March 2010	276,342	--	--

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

TABLE 21-10
MEASUREMENT AND REMOVAL OF RECOVERABLE LNAPL
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	March 2010 Removal (liters)
LS-21	3/31/2010	13.45	13.35	0.10	0.062	**0.062**

Total Manual LNAPL Removal for March 2010: 0.062 liters
0.016 gallons

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

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

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

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	March 2010 Removal (liters)
LS-12	3/31/2010	11.43	27.35	0.08	0.093	**0.093**
LS-30	3/9/2010	15.03	22.64	1.28	0.798	**0.965**
	3/31/2010	13.78	23.69	0.27	0.167	
LS-31	3/9/2010	15.55	24.76	0.69	0.425	**0.604**
	3/31/2010	14.44	25.16	0.29	0.179	
LS-34	3/31/2010	11.79	29.31	0.41	0.253	**0.253**
LSSC-07	3/2/2010	10.10	24.92	0.16	0.098	**0.571**
	3/9/2010	10.30	24.85	0.23	0.141	
	3/16/2010	8.70	24.92	0.16	0.098	
	3/23/2010	8.06	24.92	0.16	0.098	
	3/31/2010	7.40	24.86	0.22	0.136	
LSSC-08I	3/31/2010	8.05	23.23	0.02	0.012	**0.012**
LSSC-16I	3/31/2010	5.70	28.47	0.06	0.037	**0.037**
LSSC-34I	3/31/2010	11.90	30.60	0.14	0.086	**0.086**

Total Manual DNAPL Removal for March 2010: 2.621 liters
0.692 gallons

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

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

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
EPA-01	983.04	3/9/2010	11.67	---	0.00	---	22.64	0.00	971.37
LS-12	985.49	3/31/2010	11.43	---	0.00	27.35	27.43	0.08	974.06
LS-13	990.04	3/31/2010	14.45	---	0.95	---	29.04	0.00	976.47
LS-21	983.42	3/31/2010	13.45	13.35	0.10	---	16.82	0.00	970.06
LS-24	986.58	3/9/2010	17.37	---	0.00	---	19.40	0.00	969.21
LS-30	986.44	3/9/2010	15.03	---	0.00	22.64	23.92	1.28	971.41
LS-30	986.44	3/31/2010	13.78	---	0.00	23.69	23.96	0.27	972.66
LS-31	987.09	3/9/2010	15.55	15.54	0.01	24.76	25.45	0.69	971.55
LS-31	987.09	3/31/2010	14.44	---	0.00	25.16	25.45	0.29	972.65
LS-34	985.79	3/31/2010	11.79	---	0.00	29.31	29.72	0.41	974.00
LS-38	986.95	3/9/2010	15.83	---	0.00	---	26.08	0.00	971.12
LS-38	986.95	3/31/2010	13.18	---	0.00	---	26.07	0.00	973.77
LS-38S	987.82	3/9/2010	15.92	---	0.00	---	18.11	0.00	971.90
LS-44	980.78	3/9/2010	9.80	---	0.00	---	25.63	0.00	970.98
LSSC-06	984.91	3/31/2010	12.64	---	0.00	---	23.63	0.00	972.27
LSSC-07	982.48	3/2/2010	10.10	---	0.00	24.92	25.08	0.16	972.38
LSSC-07	982.48	3/9/2010	10.30	---	0.00	24.85	25.08	0.23	972.18
LSSC-07	982.48	3/16/2010	8.70	---	0.00	24.92	25.08	0.16	973.78
LSSC-07	982.48	3/23/2010	8.06	---	0.00	24.92	25.08	0.16	974.42
LSSC-07	982.48	3/31/2010	7.40	---	0.00	24.86	25.08	0.22	975.08
LSSC-08I	983.13	3/2/2010	Buried Under Snowpile				NA	NA	NA
LSSC-08I	983.13	3/9/2010	11.68	---	0.00	---	23.25	0.00	971.45
LSSC-08I	983.13	3/16/2010	9.80	---	0.00	---	23.25	0.00	973.33
LSSC-08I	983.13	3/23/2010	8.91	---	0.00	---	23.25	0.00	974.22
LSSC-08I	983.13	3/31/2010	8.05	---	0.00	23.23	23.25	0.02	975.08
LSSC-08S	983.11	3/9/2010	11.84	---	0.00	---	14.68	0.00	971.27
LSSC-16I	980.88	3/9/2010	8.62	---	0.00	---	28.55	0.00	972.26
LSSC-16I	980.88	3/31/2010	5.70	---	0.00	28.47	28.53	0.06	975.18
LSSC-18	987.32	3/9/2010	17.80	---	0.00	---	22.50	0.00	969.52
LSSC-32	980.68	3/9/2010	8.75	---	0.00	---	35.24	0.00	971.93
LSSC-33	980.49	3/9/2010	8.56	---	0.00	---	29.01	0.00	971.93
LSSC-34I	984.74	3/31/2010	11.90	---	0.00	30.60	30.74	0.14	972.84
RW-1 (R)	985.07	3/3/2010	17.29	17.27	0.02	---	21.65	0.00	967.80
RW-1 (R)	985.07	3/11/2010	17.47	17.45	0.02	---	21.65	0.00	967.62
RW-1 (R)	985.07	3/16/2010	17.55	17.53	0.02	---	21.65	0.00	967.54
RW-1 (R)	985.07	3/24/2010	17.58	17.54	0.04	---	21.65	0.00	967.53
RW-1 (R)	985.07	3/31/2010	17.51	17.47	0.04	---	21.65	0.00	967.60
RW-2	985.92	3/3/2010	18.11	---	0.00	---	24.70	0.00	967.81
RW-2	985.92	3/11/2010	17.86	---	0.00	---	24.70	0.00	968.06
RW-2	985.92	3/16/2010	16.23	---	0.00	---	24.70	0.00	969.69
RW-2	985.92	3/24/2010	16.55	---	0.00	---	24.70	0.00	969.37
RW-2	985.92	3/31/2010	15.35	---	0.00	---	24.70	0.00	970.57
RW-3	984.08	3/3/2010	14.86	14.55	0.31	---	22.70	0.00	969.51
RW-3	984.08	3/11/2010	14.45	14.16	0.29	---	22.70	0.00	969.90
RW-3	984.08	3/16/2010	14.65	14.36	0.29	---	22.70	0.00	969.70
RW-3	984.08	3/24/2010	14.69	14.40	0.29	---	22.70	0.00	969.66
RW-3	984.08	3/31/2010	15.00	14.55	0.45	---	22.70	0.00	969.50

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

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Housatonic River (Lyman Street Bridge)									
BM-2A	986.32	3/1/2010	15.16	See Note 4 regarding depth to water					971.16
BM-2A	986.32	3/9/2010	15.63	See Note 4 regarding depth to water					970.69
BM-2A	986.32	3/16/2010	13.77	See Note 4 regarding depth to water					972.55
BM-2A	986.32	3/23/2010	11.65	See Note 4 regarding depth to water					974.67

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. A survey reference point (BM-2A) was established on the Lyman Street Bridge. The "Depth to Water" value(s) provided in the above table refer to the vertical distance from the surveyed reference point to the water surface.

TABLE 21-13
ACTIVE DNAPL RECOVERY SYSTEMS MONTHLY SUMMARY
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1

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

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

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

TABLE 21-14
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	March 2010 Removal (liters)
NS-10	3/31/2010	11.62	11.37	0.25	0.618	**0.618**

Total LNAPL Removal for March 2010: 0.618 liters
0.163 gallons

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

TABLE 21-15
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

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

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	March 2010 Removal (liters)
MW-1D	3/31/2010	10.75	38.45	0.27	0.168	**0.168**
MW-1S	3/31/2010	9.70	22.08	0.31	0.191	**0.191**
N2SC-01I	3/31/2010	8.70	36.70	3.58	2.211	**2.211**
N2SC-03I	3/31/2010	7.32	36.36	1.24	0.766	**0.766**
N2SC-07	3/10/2010	9.65	35.80	0.05	0.030	**0.030**
N2SC-08	3/10/2010	10.45	39.70	1.17	0.721	**1.277**
	3/31/2010	8.56	39.95	0.90	0.556	
N2SC-09I	3/31/2010	7.20	38.66	0.09	0.056	**0.056**
N2SC-13I	3/31/2010	7.41	39.22	0.27	0.167	**0.167**
NS-30	3/31/2010	6.79	35.05	0.05	0.031	**0.031**
NS-32	3/31/2010	7.84	37.94	0.11	0.068	**0.068**

Total DNAPL Removal for March 2010: 4.965 liters
1.310 gallons

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

TABLE 21-16
ROUTINE WELL MONITORING
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
MW-1D	987.20	3/31/2010	10.75	---	0.00	38.45	38.72	0.27	976.45
MW-1S	986.60	3/31/2010	9.70	---	0.00	22.08	22.39	0.31	976.90
N2SC-01I	984.99	3/10/2010	11.35	**---**	0.00	37.30	40.30	3.00	973.64
N2SC-01I	984.99	3/31/2010	8.70	**---**	0.00	36.70	40.28	3.58	976.29
N2SC-01I(R)	984.34	3/3/2010	14.89	NM	NM	41.20	42.60	1.40	969.45
N2SC-01I(R)	984.34	3/11/2010	14.92	NM	NM	41.22	42.60	1.38	969.42
N2SC-01I(R)	984.34	3/16/2010	13.49	NM	NM	41.11	42.60	1.49	970.85
N2SC-01I(R)	984.34	3/24/2010	13.28	NM	NM	41.09	42.60	1.51	971.06
N2SC-01I(R)	984.34	3/31/2010	12.72	NM	NM	41.06	42.60	1.54	971.62
N2SC-02	983.18	3/10/2010	10.36	---	0.00	---	38.15	0.00	972.82
N2SC-02	983.18	3/31/2010	7.63	---	0.00	---	38.15	0.00	975.55
N2SC-03I	982.97	3/10/2010	9.74	---	0.00	36.60	37.64	1.04	973.23
N2SC-03I	982.97	3/31/2010	7.32	**---**	0.00	36.36	37.60	1.24	975.65
N2SC-03I(R)	985.86	3/3/2010	13.04	NM	NM	39.48	41.10	1.62	972.82
N2SC-03I(R)	985.86	3/11/2010	13.00	NM	NM	39.46	41.10	1.64	972.86
N2SC-03I(R)	985.86	3/16/2010	11.67	NM	NM	39.67	41.10	1.43	974.19
N2SC-03I(R)	985.86	3/24/2010	11.56	NM	NM	38.86	41.10	2.24	974.30
N2SC-03I(R)	985.86	3/31/2010	10.91	NM	NM	38.78	41.10	2.32	974.95
N2SC-07	984.61	3/10/2010	9.65	---	0.00	35.80	35.85	0.05	974.96
N2SC-07	984.61	3/31/2010	6.63	**---**	0.00	35.85	35.85	0.00	977.98
N2SC-08	986.07	3/10/2010	10.45	---	0.00	39.70	40.87	1.17	975.62
N2SC-08	986.07	3/31/2010	8.56	**---**	0.00	39.95	40.85	0.90	977.51
N2SC-09I	987.77	3/31/2010	7.20	---	0.00	38.66	38.75	0.09	980.57
N2SC-13I	983.19	3/31/2010	7.41	---	0.00	39.22	39.49	0.27	975.78
N2SC-14	986.66	3/3/2010	13.69	NM	NM	38.37	40.00	1.63	972.97
N2SC-14	986.66	3/11/2010	13.81	NM	NM	38.38	40.00	1.62	972.85
N2SC-14	986.66	3/16/2010	12.24	NM	NM	38.26	40.00	1.74	974.42
N2SC-14	986.66	3/24/2010	12.34	NM	NM	38.25	40.00	1.75	974.32
N2SC-14	986.66	3/31/2010	11.86	NM	NM	38.24	40.00	1.76	974.80
N2SC-16	982.54	3/31/2010	6.92	---	0.00	---	38.65	0.00	975.62
NS-10	984.59	3/31/2010	11.62	11.37	0.25	---	21.61	0.00	973.20
NS-30	985.99	3/31/2010	6.79	---	0.00	35.05	35.10	0.05	979.20
NS-32	986.20	3/31/2010	7.84	---	0.00	37.94	38.05	0.11	978.36

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 21-17
ROUTINE WELL MONITORING
SILVER LAKE AREA
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Staff Gauge within Silver Lake									
BM-SL-5	980.30	3/1/2010	4.38	See Note 2 regarding depth to water					975.92
BM-SL-5	980.30	3/9/2010	4.38	See Note 2 regarding depth to water					975.92
BM-SL-5	980.30	3/16/2010	3.91	See Note 2 regarding depth to water					976.39
BM-SL-5	980.30	3/23/2010	3.72	See Note 2 regarding depth to water					976.58

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 21-18
SILVER LAKE OUTLET CALCULATED DISCHARGE
SILVER LAKE AREA
GROUNDWATER MANAGEMENT AREA 1

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

Date	Gauge Measurement (ft)	Calculated Flow (cfs)
3/25/2010	2.64	9.68

Notes:

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

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

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

a. Activities Undertaken/Completed

Continued routine river elevation monitoring.

b. Sampling/Test Results Received

See attached table.

c. Work Plans/Reports/Documents Submitted

Submitted Fall 2009 Monitoring Event Evaluation Report (March 5, 2010).

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

- Continue routine river elevation monitoring.
- Conduct Spring 2010 groundwater sampling event.
- Conduct Spring 2010 groundwater elevation monitoring event.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

GE received permission from the owner of Parcel K10-11-5 for access to that property to perform the previous sampling round and is awaiting final permission for access to that property to perform the Spring 2010 groundwater sampling event. GE still needs a long-term access agreement for that property and will continue efforts to obtain such an agreement.

f. Proposed/Approved Work Plan Modifications

GMA 2 monitoring program modifications proposed in the Fall 2009 Monitoring Event Evaluation Report are awaiting EPA approval.

TABLE 22-1
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 2

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Housatonic River (Foot Bridge)									
GMA2-SG-1	989.82	3/9/2010	16.43	See Note 2 regarding depth to water					973.39

Notes:

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

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

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

a. Activities Undertaken/Completed

Conducted routine groundwater elevation and NAPL monitoring activities. Approximately 2.9 gallons of LNAPL were removed by the automatic skimmer located in well 51-21, and 2.5 gallons of LNAPL were removed by the automatic skimmer located in well GMA3-17 (see Table 23-1). An additional 3.965 liters (1.046 gallons) of LNAPL were manually removed from the wells in this area during March (see Table 23-2).

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine groundwater and NAPL monitoring/recovery activities.
- Conduct Spring 2010 bailing round.
- Conduct Spring 2010 interim groundwater sampling event.
- Conduct Spring 2010 groundwater elevation and NAPL monitoring event.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

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
March 2010

Recovery Well	Month	Vol. LNAPL Collected (gallons)
51-21	March 2009	2.7
	April 2009	4.0
	May 2009	3.6
	June 2009	2.1
	July 2009	1.3
	August 2009	1.8
	September 2009	1.9
	October 2009	0.9
	November 2009	1.7
	December 2009	2.6
	January 2010	3
	February 2010	1.9
	March 2010	2.9
GMA3-17	March 2009	0.0
	April 2009	0.6
	May 2009	0.6
	June 2009	2.0
	July 2009	1.9
	August 2009	1.4
	September 2009	1.2
	October 2009	2.6
	November 2009	4.8
	December 2009	4.2
	January 2010	2.8
	February 2010	5.3
	March 2010	2.5

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

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	March 2010 Removal (liters)
51-08	3/2/2010	11.90	10.61	1.29	0.795	**1.103**
	3/9/2010	11.05	10.55	0.50	0.308	
51-17	3/2/2010	10.70	9.78	0.92	0.567	**0.567**
59-01	3/2/2010	11.38	11.11	0.27	0.166	**0.166**
59-03R	3/2/2010	11.95	11.21	0.74	0.456	**0.456**
GMA3-10	3/2/2010	11.52	11.05	0.47	0.289	**0.832**
	3/23/2010	10.28	10.03	0.25	0.154	
	3/31/2010	10.35	9.72	0.63	0.389	
GMA3-12	3/9/2010	11.50	11.22	0.28	0.692	**0.692**
GMA3-13	3/2/2010	11.30	11.25	0.05	0.030	**0.097**
	3/9/2010	11.13	11.10	0.03	0.018	
	3/16/2010	10.73	10.66	0.07	0.043	
	3/23/2010	10.26	10.25	0.01	0.006	
UB-PZ-3	3/2/2010	12.05	11.90	0.15	0.052	**0.052**

Total LNAPL Removed for March 2010: 3.965 liters
1.046 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
March 2010

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
51-05	996.36	3/2/2010	9.91	9.90	0.01	---	10.45	0.00	986.46
51-06	997.29	3/2/2010	10.48	---	0.00	---	14.29	0.00	986.81
51-07	997.08	3/2/2010	10.58	---	0.00	---	13.01	0.00	986.50
51-08	997.08	3/2/2010	11.90	10.61	1.29	---	14.60	0.00	986.38
51-08	997.08	3/9/2010	11.05	10.55	0.50	---	14.60	0.00	986.50
51-08	997.08	3/16/2010	10.18	10.02	0.16	---	14.60	0.00	987.05
51-08	997.08	3/23/2010	9.85	9.80	0.05	---	14.60	0.00	987.28
51-09	997.66	3/2/2010	10.45	---	0.00	---	14.60	0.00	987.21
51-11	994.37	3/2/2010	8.20	---	0.00	---	13.55	0.00	986.17
51-12	996.55	3/2/2010	7.14	---	0.00	---	13.35	0.00	989.41
51-13	997.28	3/2/2010	10.90	---	0.00	---	13.72	0.00	986.38
51-14	996.64	3/2/2010	10.23	---	0.00	---	14.50	0.00	986.41
51-15	996.43	3/2/2010	10.06	10.01	0.05	---	14.29	0.00	986.42
51-16R	996.39	3/2/2010	10.31	---	0.00	---	14.50	0.00	986.08
51-17	996.43	3/2/2010	10.70	9.78	0.92	---	14.50	0.00	986.59
51-18	997.12	3/2/2010	10.73	---	0.00	---	12.58	0.00	986.39
51-19	996.43	3/2/2010	10.31	10.30	0.01	---	14.11	0.00	986.13
51-21	1,001.49	3/3/2010	15.23	P	< 0.01	---	NM	0.00	986.26
51-21	1,001.49	3/11/2010	14.96	P	< 0.01	---	NM	0.00	986.53
51-21	1,001.49	3/16/2010	14.35	P	< 0.01	---	NM	0.00	987.14
51-21	1,001.49	3/24/2010	14.14	P	< 0.01	---	NM	0.00	987.35
51-21	1,001.49	3/31/2010	13.88	P	< 0.01	---	NM	0.00	987.61
59-01	997.52	3/2/2010	11.38	11.11	0.27	---	18.11	0.00	986.39
59-03R	997.64	3/2/2010	11.95	11.21	0.74	---	17.04	0.00	986.38
59-07	997.96	3/2/2010	11.44	11.42	0.02	---	23.50	0.00	986.54
078B-R	988.83	3/2/2010	1.95	---	0.00	---	11.70	0.00	986.88
GMA3-10	997.54	3/2/2010	11.52	11.05	0.47	---	17.71	0.00	986.46
GMA3-10	997.54	3/5/2010	11.14	10.98	0.16	---	17.71	0.00	986.55
GMA3-10	997.54	3/9/2010	11.02	10.88	0.14	---	17.71	0.00	986.65
GMA3-10	997.54	3/12/2010	10.96	10.82	0.14	---	17.71	0.00	986.71
GMA3-10	997.54	3/16/2010	10.60	10.44	0.16	---	17.70	0.00	987.09
GMA3-10	997.54	3/19/2010	10.36	10.22	0.14	---	17.70	0.00	987.31
GMA3-10	997.54	3/23/2010	10.28	10.03	0.25	---	17.71	0.00	987.49
GMA3-10	997.54	3/26/2010	10.11	9.94	0.17	---	17.71	0.00	987.59
GMA3-10	997.54	3/31/2010	10.35	9.72	0.63	---	17.70	0.00	987.78
GMA3-11	997.25	3/2/2010	10.42	---	0.00	---	17.88	0.00	986.83
GMA3-12	997.84	3/2/2010	11.63	11.40	0.23	---	21.25	0.00	986.42
GMA3-12	997.84	3/9/2010	11.50	11.22	0.28	---	21.24	0.00	986.60
GMA3-12	997.84	3/16/2010	10.95	10.78	0.17	---	21.22	0.00	987.05
GMA3-12	997.84	3/23/2010	10.54	10.42	0.12	---	21.22	0.00	987.41
GMA3-13	997.73	3/2/2010	11.30	11.25	0.05	---	17.40	0.00	986.48
GMA3-13	997.73	3/9/2010	11.13	11.10	0.03	---	17.40	0.00	986.63
GMA3-13	997.73	3/16/2010	10.73	10.66	0.07	---	17.41	0.00	987.07
GMA3-13	997.73	3/23/2010	10.26	10.25	0.01	---	17.40	0.00	987.48
GMA3-14	997.42	3/2/2010	10.83	---	0.00	---	16.39	0.00	986.59
GMA3-16	989.26	3/2/2010	2.01	---	0.00	---	12.24	0.00	987.25
GMA3-17	1,002.00	3/3/2010	17.10	17.09	0.01	---	NM	0.00	984.91
GMA3-17	1,002.00	3/11/2010	16.98	P	< 0.01	---	NM	0.00	985.02
GMA3-17	1,002.00	3/16/2010	16.50	P	< 0.01	---	NM	0.00	985.50
GMA3-17	1,002.00	3/24/2010	16.10	P	< 0.01	---	NM	0.00	985.90
GMA3-17	1,002.00	3/31/2010	15.94	P	< 0.01	---	NM	0.00	986.06
UB-MW-10	995.99	3/2/2010	9.58	---	0.00	---	14.19	0.00	986.41
UB-PZ-3	998.15	3/2/2010	12.05	11.90	0.15	---	13.45	0.00	986.24

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

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

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

a. Activities Undertaken/Completed

Conducted routine groundwater elevation monitoring activities.

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

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

TABLE 24-1
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 4

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA4-3	1,003.95	3/2/2010	17.51	---	0.00	---	26.30	0.00	986.44

Notes:

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

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

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

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

ARCADIS

Attachment A

NPDES Sampling Records
and Results – March 2010

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

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
NPDES Sampling	005-1Q3M-1X-GO	3/8/10	Water	Columbia	Oil & Grease	3/17/10
NPDES Sampling	09B-1Q3M-1X-CP	3/8/10	Water	SGS	PCB	3/11/10
NPDES Sampling	09B-1Q3M-1X-CT	3/8/10	Water	Columbia	TSS	3/17/10
NPDES Sampling	64G-1Q3M-1X-CP	3/8/10	Water	SGS	PCB	3/11/10
NPDES Sampling	64G-1Q3M-1X-CT	3/8/10	Water	Columbia	TSS	3/17/10
NPDES Sampling	64G-1Q3M-1X-GO	3/8/10	Water	Columbia	Oil & Grease	3/17/10
NPDES Sampling	64G-1Q3M-1X-GS	3/8/10	Water	Columbia	SVOC	3/17/10
NPDES Sampling	64G-1Q3M-1X-GV	3/8/10	Water	Columbia	VOC	3/17/10
NPDES Sampling	64G-1Q3M-2X-CP-RSD	3/18/10	Water	SGS	PCB	3/25/10
NPDES Sampling	64G-1Q3M-2X-CT	3/15/10	Water	Columbia	TSS	3/24/10
NPDES Sampling	64G-1Q3M-2X-GO	3/15/10	Water	Columbia	Oil & Grease	3/24/10
NPDES Sampling	64G-1Q3M-2X-GS	3/15/10	Water	Columbia	SVOC	3/24/10
NPDES Sampling	64G-1Q3M-2X-GV	3/15/10	Water	Columbia	VOC	3/24/10
NPDES Sampling	64G-A10147	3/15/10	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	64G-A10147	3/15/10	Water	Columbia	TOC, Alkalinity, Ammonia, Total Solids	3/24/10
NPDES Sampling	64G-A10147	3/15/10	Water	Columbia	Total Dissolved Solids	3/24/10
NPDES Sampling	64G-A10147TM	3/15/10	Water	Columbia	Metals (6)	3/24/10
NPDES Sampling	64G-A10149	3/17/10	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	64G-A10149	3/17/10	Water	Columbia	TOC, Alkalinity, Ammonia, Total Solids	3/29/10
NPDES Sampling	64G-A10149	3/17/10	Water	Columbia	Total Dissolved Solids	3/29/10
NPDES Sampling	64G-A10149TM	3/17/10	Water	Columbia	Metals (6)	3/29/10
NPDES Sampling	64G-A10151	3/19/10	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	64G-A10151	3/19/10	Water	Columbia	TOC, Alkalinity, Ammonia, Total Solids	3/29/10
NPDES Sampling	64G-A10151	3/19/10	Water	Columbia	Total Dissolved Solids	3/29/10
NPDES Sampling	64G-A10151TM	3/19/10	Water	Columbia	Metals (6)	3/29/10
NPDES Sampling	64T-1Q3M-GO	3/15/10	Water	Columbia	Oil & Grease	3/24/10
NPDES Sampling	A10148R	3/15/10	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	A10148R	3/15/10	Water	Columbia	TOC, Alkalinity, Ammonia, Total Solids	3/24/10
NPDES Sampling	A10148R	3/15/10	Water	Columbia	Total Dissolved Solids	3/24/10

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

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
NPDES Sampling	A10148RTM	3/15/10	Water	Columbia	Metals (6)	3/24/10
NPDES Sampling	A10150R	3/17/10	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	A10150R	3/17/10	Water	Columbia	TOC, Alkalinity, Ammonia, Total Solids	3/29/10
NPDES Sampling	A10150R	3/17/10	Water	Columbia	Total Dissolved Solids	3/29/10
NPDES Sampling	A10150RTM	3/17/10	Water	Columbia	Metals (6)	3/29/10
NPDES Sampling	A10152R	3/19/10	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	A10152R	3/19/10	Water	Columbia	TOC, Alkalinity, Ammonia, Total Solids	3/29/10
NPDES Sampling	A10152R	3/19/10	Water	Columbia	Total Dissolved Solids	3/29/10
NPDES Sampling	A10152RTM	3/19/10	Water	Columbia	Metals (6)	3/29/10

TABLE A-2
DATA RECEIVED DURING MARCH 2010

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

Parameter / Sample ID: / Date Collected:	005-1Q3M-1X-GO 03/08/10	09B-1Q3M-1X-CP 03/08/10	09B-1Q3M-1X-CT 03/08/10	64G-1Q3M-1X-CP 03/08/10	64G-1Q3M-1X-CT 03/08/10	64G-1Q3M-1X-GO 03/08/10
Volatile Organics						
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered						
None Detected	NA	--	NA	--	NA	NA
Semivolatile Organics						
None Detected	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered						
Aluminum	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA
Conventional						
Alkalinity	NA	NA	NA	NA	NA	NA
Ammonia Nitrogen	NA	NA	NA	NA	NA	NA
Oil & Grease	ND(4.2)	NA	NA	NA	NA	ND(4.2)
Total Dissolved Solids	NA	NA	NA	NA	NA	NA
Total Organic Carbon	NA	NA	NA	NA	NA	NA
Total Solids	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	3.40	NA	ND(1.00)	NA

TABLE A-2
DATA RECEIVED DURING MARCH 2010

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

Parameter / Sample ID: / Date Collected:	64G-1Q3M-1X-GS 03/08/10	64G-1Q3M-1X-GV 03/08/10	64G-1Q3M-2X-CP-RSD 03/18/10	64G-1Q3M-2X-CT 03/15/10	64G-1Q3M-2X-GO 03/15/10	64G-1Q3M-2X-GS 03/15/10
Volatile Organics						
1,1,1-Trichloroethane	NA	ND(0.0010)	NA	NA	NA	NA
1,1-Dichloroethane	NA	0.00038 J	NA	NA	NA	NA
Chloroethane	NA	0.00058 J	NA	NA	NA	NA
PCBs-Unfiltered						
None Detected	NA	NA	--	NA	NA	NA
Semivolatile Organics						
None Detected	--	NA	NA	NA	NA	--
Inorganics-Unfiltered						
Aluminum	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA
Conventional						
Alkalinity	NA	NA	NA	NA	NA	NA
Ammonia Nitrogen	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	ND(4.2)	NA
Total Dissolved Solids	NA	NA	NA	NA	NA	NA
Total Organic Carbon	NA	NA	NA	NA	NA	NA
Total Solids	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	ND(1.00)	NA	NA

TABLE A-2
DATA RECEIVED DURING MARCH 2010

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

Parameter / Sample ID: / Date Collected:	64G-1Q3M-2X-GV 03/15/10	64G-A10147 03/15/10	64G-A10147TM 03/15/10	64G-A10149 03/17/10	64G-A10149TM 03/17/10	64G-A10151 03/19/10	64G-A10151TM 03/19/10
Volatile Organics							
1,1,1-Trichloroethane	0.00025 J	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	0.00044 J	NA	NA	NA	NA	NA	NA
Chloroethane	0.00073 J	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered							
None Detected	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics							
None Detected	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered							
Aluminum	NA	NA	ND(0.0200)	NA	ND(0.0200)	NA	ND(0.0200)
Cadmium	NA	NA	ND(0.000500)	NA	ND(0.000500)	NA	ND(0.000500)
Copper	NA	NA	0.00210	NA	0.00200	NA	0.00220
Lead	NA	NA	ND(0.000500)	NA	ND(0.000500)	NA	ND(0.000500)
Nickel	NA	NA	0.00360	NA	0.00350	NA	0.00340
Zinc	NA	NA	0.00550	NA	ND(0.00500)	NA	ND(0.00500)
Conventional							
Alkalinity	NA	387	NA	389	NA	405	NA
Ammonia Nitrogen	NA	0.129	NA	0.172	NA	0.156	NA
Oil & Grease	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NA	671	NA	668	NA	712	NA
Total Organic Carbon	NA	6.6	NA	7.0	NA	6.8	NA
Total Solids	NA	687	NA	686	NA	732	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING MARCH 2010

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

Parameter / Sample ID: / Date Collected:	64T-1Q3M-GO 03/15/10	A10148R 03/15/10	A10148RTM 03/15/10	A10150R 03/17/10	A10150RTM 03/17/10	A10152R 03/19/10	A10152RTM 03/19/10
Volatile Organics							
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered							
None Detected	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics							
None Detected	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered							
Aluminum	NA	NA	0.193	NA	0.154	NA	0.0970
Cadmium	NA	NA	ND(0.000500)	NA	ND(0.000500)	NA	ND(0.000500)
Copper	NA	NA	0.00130	NA	ND(0.00100)	NA	ND(0.00100)
Lead	NA	NA	0.000980	NA	ND(0.000500)	NA	ND(0.000500)
Nickel	NA	NA	0.00110	NA	ND(0.00100)	NA	ND(0.00100)
Zinc	NA	NA	ND(0.00500)	NA	ND(0.00500)	NA	ND(0.00500)
Conventional							
Alkalinity	NA	57.7	NA	29.3	NA	25.6	NA
Ammonia Nitrogen	NA	0.0510	NA	ND(0.0500)	NA	ND(0.0500)	NA
Oil & Grease	ND(4.2)	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	NA	89.0	NA	52.0	NA	54.0	NA
Total Organic Carbon	NA	4.0	NA	3.9	NA	3.8	NA
Total Solids	NA	105	NA	74.0	NA	75.0	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA

Notes:

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

Data Qualifiers:

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles)

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

ARCADIS

Attachment B

NPDES Discharge
Monitoring Reports
February 2010

GE CEP Internal Chain of Custody Form

Pittsfield, MA

NPDES Permit Number: MA0003891

COC# 01-3/8/10

Date: 3-8-10

Sampler: Jason Webster JW

Sampler: ~~Shawn Flaherty~~ Shawn Flaherty

64G

Time 7:00 AM
Initials SF
Eff. Flow (gpm) 64 GPM
Eff. Flow (gpd) 178,930
O&G EPA 1664 64G-1Q3M-1X-GO
O&G EPA 1664 (A) 64G-1Q3M-1X-GOA
TSS 2540D 64G-1Q3M-1X-CT
PCB Mod 8082 64G-1Q3M-1X-CP
SVOC ~~VOC~~ 624 64G-1Q3M-1X-GS
VOC SF ~~SVOC~~ 625 64G-1Q3M-1X-GV
Toxicity

005

Time 7:10 AM
Initials JW
64G Eff. Flow (gpm) ~~64 GPM~~ 64 GPM
64T Eff. Flow (gpm) ~~6 GPM~~ 6 GPM
pH / Temp 7.30 @ 9.2°C
O&G EPA 1664 005-1Q3M-1X-GO
O&G EPA 1664 (A) 005-1Q3M-1X-GOA
TSS 2540D
PCB Mod 8082

005 Wet

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

05A Wet

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

05B Wet

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

006 Wet

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

06A Wet

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

009 Wet

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

09B

Time 8:00 AM
Initials JW
Eff. Flow (gpm)
pH / Temp
O&G EPA 1664
O&G EPA 1664 (A)
TSS 2540D 09B-1Q3M-1X CT
PCB Mod 8082 09B-1Q3M-1X CP

Tox Dilution Water

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

Comments:

GE CEP Internal Chain of Custody Form

Pittsfield, MA

NPDES Permit Number: MA0003891

COC# 01-3/15/10

Date: 3-15-10

Sampler: Joseph C. Hamling Joseph C. Hamling JCH

Sampler: Shawn Flaherty SF Shawn Flaherty

64G

Time	7:05 AM
Initials	JCH - SF
Eff. Flow (gpm)	209
Eff. Flow (gpd)	187,760
O&G EPA 1664	64G-1Q3M-2X-GO
O&G EPA 1664 (A)	64G-1Q3M-2X-GOA
TSS 2540D	64G-1Q3M-2X-CT
PCB Mod 8082	64G-1Q3M-2X-CP
VOC 624	64G-1Q3M-2X-GV
SVOC 625	64G-1Q3M-2X-GS
Toxicity	64G-A10147

005

* ~~005~~ ~~64T~~ S.C.

Time	7:05
Initials	SF
64G Eff. Flow (gpm)	
64T Eff. Flow (gpm)	
pH / Temp	7.43 at 13.9 °C
O&G EPA 1664	64T-1Q3M-GO
O&G EPA 1664 (A)	64T-1Q3M-GOA
TSS 2540D	
PCB Mod 8082	

005 Wet

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

05A Wet

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

05B Wet

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

006 Wet

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

06A Wet

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

009 Wet

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

09B

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

Tox Dilution Water

C. Tox Dilution Water

Housatonic River

Hinsdale, Ma

Time	8:15 A.M.
Initials	JCH
Sample ID	A10148R
pH	7.17 @ 3.3°

Comments:

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	02/01/2010	**TO**	02/28/2010

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	NODI(9)	******	NODI(9)				
00400 IM 0 Internal Monitoring Point	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Twice Every Month	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	******	NODI(9)				
00530 IM 0 Internal Monitoring Point	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Twice Every Month	COMP24
Oil & grease	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		******	******	NODI(9)				
00556 IM 0 Internal Monitoring Point	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	******	15 DAILY MX	mg/L		Twice Every Month	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	******	NODI(9)				
39516 IM 0 Internal Monitoring Point	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Twice Every Month	COMP24
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.0004	0.0007	MGD	******	******	******	******	0	WEEKLY	ESTIMA
50050 IM 0 Internal Monitoring Point	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Weekly	ESTIMA
Flow, total	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		******	******	******	******			
82220 IM 0 Internal Monitoring Point	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Weekly	ESTIMA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413)448-5902		03-24-2010
MGR. PITTSFIELD REMEDIATION PROJ.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY
TYPED OR PRINTED					

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

FLOW TOTAL SEE FOOTNOTE 4.

Attachment E - Outfall 64T

Date	Estimated Flow - MGD	Rainfall Total - In	Rainfall Peak - In
02/01/10		0.00	0.00
02/02/10		0.00	0.00
02/03/10		0.05	0.01
02/04/10		0.00	0.00
02/05/10		0.00	0.00
02/06/10		0.00	0.00
02/07/10	0	0.00	0.00
02/08/10		0.00	0.00
02/09/10		0.00	0.00
02/10/10		0.00	0.00
02/11/10		0.01	0.01
02/12/10		0.00	0.00
02/13/10		0.00	0.00
02/14/10	0.0007	0.00	0.00
02/15/10		0.00	0.00
02/16/10		0.02	0.01
02/17/10		1.07	0.05
02/18/10		0.00	0.00
02/19/10		0.02	0.01
02/20/10		0.01	0.01
02/21/10		0.00	0.00
02/22/10		0.00	0.00
02/23/10		0.02	0.01
02/24/10		0.86	0.16
02/25/10		0.40	0.14
02/26/10		0.81	0.08
02/27/10		0.48	0.09
02/28/10		0.13	0.06

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	005-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	02/01/2010	TO	02/28/2010

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	7.58	******	7.71	SU	0	2/MO	GRAB
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Twice Per Month	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		NOD:(9)	******	NOD:(9)				
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	188 MO AVG	270 DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Twice Per Month	COMP24
Oil & grease	SAMPLE MEASUREMENT	******	0	lbs/d	******	******	0	mg/L	0	2/MO	GRAB
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	******	135 DAILY MX	lb/d	******	******	15 DAILY MX	mg/L		Twice Per Month	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		NOD:(9)	******	NOD:(9)				
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	.01 MO AVG	.03 DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Twice Per Month	COMP24
Rainfall	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		******	******	******	******			
46529 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	******	******	******	******		Continuous	RCORDR
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.1637	0.0029	MGD	******	******	******	******	0	CONT	RECORDR
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RECORD
Flow, total	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		******	******	******	******			
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RECORD

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T Carroll	(413) 448-5902		03-24-2010
MGR. PITTSFIELD REMEDIATION PROJ.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY
TYPED OR PRINTED					

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

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

Attachment E - Outfall 005

Date	pH	TSS MG/L	FN	Oil & Grease MG/L	FN	PCB UG/L	FN	Metered Flow - MGD	Flooded Condition	Rainfall Total - In	Rainfall Peak - In
02/01/10								0.1622	NO	0.00	0.00
02/02/10								0.1703	NO	0.00	0.00
02/03/10								0.1434	NO	0.05	0.01
02/04/10								0.1628	NO	0.00	0.00
02/05/10								0.1570	NO	0.00	0.00
02/06/10								0.1597	NO	0.00	0.00
02/07/10								0.1373	NO	0.00	0.00
02/08/10	7.71			U4.10	1,G			0.1543	NO	0.00	0.00
02/09/10								0.1444	NO	0.00	0.00
02/10/10								0.1221	NO	0.00	0.00
02/11/10								0.1493	NO	0.01	0.01
02/12/10								0.1379	NO	0.00	0.00
02/13/10								0.1221	NO	0.00	0.00
02/14/10								0.1349	NO	0.00	0.00
02/15/10	7.58			U4.10	1,G			0.1396	NO	0.00	0.00
02/16/10								0.1073	NO	0.02	0.01
02/17/10								0.1327	NO	1.07	0.05
02/18/10								0.1307	NO	0.00	0.00
02/19/10								0.1435	NO	0.02	0.01
02/20/10								0.1049	NO	0.01	0.01
02/21/10								0.1357	NO	0.00	0.00
02/22/10								0.1366	NO	0.00	0.00
02/23/10								0.1290	NO	0.02	0.01
02/24/10								0.1151	NO	0.86	0.16
02/25/10								0.1356	NO	0.40	0.14
02/26/10								0.6029	NO	0.81	0.08
02/27/10								0.3095	NO	0.48	0.09
02/28/10								0.2028	NO	0.13	0.06

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	02/01/2010	**TO**	02/28/2010

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

No Discharge ☐

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413)448-5907		03-24-2010
MGR. PITTSFIELD REMEDIATION PROG.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY
TYPED OR PRINTED					

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

SEE PAGE 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	02/01/2010	**TO**	02/28/2010

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

No Discharge ☐

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T Carroll	(413)448-5902		03-24-2010
MGR. PITTSFIELD REMEDIATION PROG.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY
TYPED OR PRINTED					

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

TOTAL FLOW SEE FOOTNOTE 4.

Attachment E - Outfall 05A Dry

Date	Estimated Flow - MGD	Rainfall Total - In	Rainfall Peak - In	Flooded Condition
02/01/10		0.00	0.00	NO
02/02/10		0.00	0.00	NO
02/03/10		0.05	0.01	NO
02/04/10		0.00	0.00	NO
02/05/10		0.00	0.00	NO
02/06/10		0.00	0.00	NO
02/07/10		0.00	0.00	NO
02/08/10		0.00	0.00	NO
02/09/10		0.00	0.00	NO
02/10/10		0.00	0.00	NO
02/11/10		0.01	0.01	NO
02/12/10		0.00	0.00	NO
02/13/10		0.00	0.00	NO
02/14/10		0.00	0.00	NO
02/15/10		0.00	0.00	NO
02/16/10		0.02	0.01	NO
02/17/10		1.07	0.05	NO
02/18/10		0.00	0.00	NO
02/19/10		0.02	0.01	NO
02/20/10		0.01	0.01	NO
02/21/10		0.00	0.00	NO
02/22/10		0.00	0.00	NO
02/23/10		0.02	0.01	NO
02/24/10		0.86	0.16	NO
02/25/10		0.40	0.14	NO
02/26/10		0.81	0.08	YES
02/27/10		0.48	0.09	YES
02/28/10		0.13	0.06	YES

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	02/01/2010	**TO**	02/28/2010

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	NOD:(9)	******	NOD:(9)				
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended	SAMPLE MEASUREMENT				NOD:(9)	******	NOD:(9)				
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Three Every Quarter	COMPOS
Oil & grease	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		******	******	NOD:(9)				
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	******	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		NOD:(9)	******	NOD:(9)				
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Three Every Quarter	COMPOS
Rainfall	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		******	******	******	******			
46529 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	******	******	******	******		Daily When Discharging	TOTALZ
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.7595	0.9807	MGD	******	******	******	******	0	CONT	RCORDR
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR
Number of Events	SAMPLE MEASUREMENT	4	******	#	******	******	******	******	0	DAILY WHEN DISCHARGING	VISUAL
51484 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. TOTAL	******	#	******	******	******	******		Daily When Discharging	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413)448-5902		03-24-2010
MGR. PITTSFIELD REMEDIATION PROJ.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY
TYPED OR PRINTED					

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

SEE PAGE 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	02/01/2010	**TO**	02/28/2010

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

No Discharge ☐

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PROG.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T Carroll	(413) 448-5902		03-24-2010
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

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

Attachment E - Outfall 05A Wet

Date	pH	TSS MG/L	FN	Oil & Grease MG/L	FN	PCB UG/L	FN	Metered Flow - MGD	Calculated Flow - MGD	Flooded Condition	Rainfall Total - In	Rainfall Peak - In
02/01/10										NO	0.00	0.00
02/02/10										NO	0.00	0.00
02/03/10										NO	0.05	0.01
02/04/10										NO	0.00	0.00
02/05/10										NO	0.00	0.00
02/06/10										NO	0.00	0.00
02/07/10										NO	0.00	0.00
02/08/10										NO	0.00	0.00
02/09/10										NO	0.00	0.00
02/10/10										NO	0.00	0.00
02/11/10										NO	0.01	0.01
02/12/10										NO	0.00	0.00
02/13/10										NO	0.00	0.00
02/14/10										NO	0.00	0.00
02/15/10										NO	0.00	0.00
02/16/10										NO	0.02	0.01
02/17/10										NO	1.07	0.05
02/18/10										NO	0.00	0.00
02/19/10										NO	0.02	0.01
02/20/10										NO	0.01	0.01
02/21/10										NO	0.00	0.00
02/22/10										NO	0.00	0.00
02/23/10										NO	0.02	0.01
02/24/10										NO	0.86	0.16
02/25/10								0.0002		NO	0.40	0.14
02/26/10								0.9808		YES	0.81	0.08
02/27/10								0.0541		YES	0.48	0.09
02/28/10								0.0027		YES	0.13	0.06

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	02/01/2010	TO	02/28/2010

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

No Discharge ☐

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T CARROLL	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T Carroll	(413) 442-5902		03-24-2010
MGR. PITTSFIELD REMEDIATION PROG.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY
TYPED OR PRINTED					

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

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

MONITORING PERIOD

	MM/DD/YYYY		MM/DD/YYYY
FROM	02/01/2010	**TO**	02/28/2010

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

No Discharge ☐

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR PITTSFIELD REMEDIATION PROG.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T Carroll	(413)	448-5902	03-24-2010
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

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

Attachment E - Outfall 05B Wet

Date	pH	TSS MG/L	FN	Oil & Grease MG/L	FN	PCB UG/L	FN	Metered Flow - MGD	Calculated Flow - MGD	Rainfall Total - In	Rainfall Peak - In
02/01/10										0.00	0.00
02/02/10										0.00	0.00
02/03/10										0.05	0.01
02/04/10										0.00	0.00
02/05/10										0.00	0.00
02/06/10										0.00	0.00
02/07/10										0.00	0.00
02/08/10										0.00	0.00
02/09/10										0.00	0.00
02/10/10										0.00	0.00
02/11/10										0.01	0.01
02/12/10										0.00	0.00
02/13/10										0.00	0.00
02/14/10										0.00	0.00
02/15/10										0.00	0.00
02/16/10										0.02	0.01
02/17/10										1.07	0.05
02/18/10										0.00	0.00
02/19/10										0.02	0.01
02/20/10										0.01	0.01
02/21/10										0.00	0.00
02/22/10										0.00	0.00
02/23/10										0.02	0.01
02/24/10										0.86	0.16
02/25/10										0.40	0.14
02/26/10										0.81	0.08
02/27/10										0.48	0.09
02/28/10										0.13	0.06

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	02/01/2010	**TO**	02/28/2010

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	NOD1(9)	******	NOD1(9)				
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Twice Every Month	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	NOD1(9)	NOD1(9)		NOD1(9)	******	NOD1(9)				
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Twice Every Month	COMP24
Oil & grease	SAMPLE MEASUREMENT	******	******	******	******	******	NOD1(9)				
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	******	15 DAILY MX	mg/L		Twice Every Month	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	NOD1(9)	NOD1(9)		NOD1(9)	******	NOD1(9)				
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Twice Every Month	COMP24
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0	0	MGD	******	******	******	******	0	WEEKLY	ESTIMA
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Weekly	ESTIMA
Volatile Organic Compound (VOC)	SAMPLE MEASUREMENT	******	******	******	NOD1(9)	******	NOD1(9)				
51415 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Twice Every Month	GRAB
Volatile fraction organics (EPA 624)	SAMPLE MEASUREMENT	******	******	******	NOD1(9)	******	NOD1(9)				
78733 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Twice Every Month	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413)448-5502		03 24-2010
MGR. PITTSFIELD REMEDIATION PROG.					
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

	MONITORING PERIOD		
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	02/01/2010	**TO**	02/28/2010

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

No Discharge ☐

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T Carroll	(413) 448-5502		03-24-2010
MGR, PITTSFIELD REMEDIATION PROG.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY
TYPED OR PRINTED					

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

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

Attachment E - Outfall 006 Dry

Date	Estimated Flow - MGD	Rainfall Total - In	Rainfall Peak - In
02/01/10		0.00	0.00
02/02/10		0.00	0.00
02/03/10		0.05	0.01
02/04/10		0.00	0.00
02/05/10		0.00	0.00
02/06/10		0.00	0.00
02/07/10	0	0.00	0.00
02/08/10		0.00	0.00
02/09/10		0.00	0.00
02/10/10		0.00	0.00
02/11/10		0.01	0.01
02/12/10		0.00	0.00
02/13/10		0.00	0.00
02/14/10	0	0.00	0.00
02/15/10		0.00	0.00
02/16/10		0.02	0.01
02/17/10		1.07	0.05
02/18/10		0.00	0.00
02/19/10		0.02	0.01
02/20/10		0.01	0.01
02/21/10		0.00	0.00
02/22/10		0.00	0.00
02/23/10		0.02	0.01
02/24/10		0.86	0.16
02/25/10		0.40	0.14
02/26/10		0.81	0.08
02/27/10		0.48	0.09
02/28/10		0.13	0.06

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	02/01/2010	**TO**	02/28/2010

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

No Discharge ☐

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T Carroll	(413)448-5502		03-29-2010
MGR. PITTSFIELD REMEDIATION PROJ.					
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	02/01/2010	**TO**	02/28/2010

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

No Discharge ☐

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413)448-5902		03-24-2010
MGR. PITTSFIELD REMEDIATION PROJ.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY
TYPED OR PRINTED					

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

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	02/01/2010	**TO**	02/28/2010

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

No Discharge ☐

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T Carroll	(413)448-5902		03-24-2010
MGR. PITTSFIELD REMEDIATION PROJ.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY
TYPED OR PRINTED					

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

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

Attachment E - Outfall 06A Wet

Date	pH	TSS MG/L	FN	Oil & Grease MG/L	FN	PCB UG/L	FN	Metered Flow - MGD	Calculated Flow - MGD	FN	Rainfall Total - In	Rainfall Peak - In
02/01/10											0.00	0.00
02/02/10											0.00	0.00
02/03/10											0.05	0.01
02/04/10											0.00	0.00
02/05/10											0.00	0.00
02/06/10											0.00	0.00
02/07/10											0.00	0.00
02/08/10											0.00	0.00
02/09/10											0.00	0.00
02/10/10											0.00	0.00
02/11/10											0.01	0.01
02/12/10											0.00	0.00
02/13/10											0.00	0.00
02/14/10											0.00	0.00
02/15/10											0.00	0.00
02/16/10											0.02	0.01
02/17/10											1.07	0.05
02/18/10											0.00	0.00
02/19/10											0.02	0.01
02/20/10											0.01	0.01
02/21/10											0.00	0.00
02/22/10											0.00	0.00
02/23/10											0.02	0.01
02/24/10											0.86	0.16
02/25/10											0.40	0.14
02/26/10											0.81	0.08
02/27/10											0.48	0.09
02/28/10											0.13	0.06

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	02/01/2010	**TO**	02/28/2010

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

No Discharge ☐

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T CARROLL	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413) 448-5502		03-24-2010
MGR. PITTSFIELD REMEDIATION PROJ.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY
TYPED OR PRINTED					

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

TOTAL FLOW SEE FOOTNOTE 3.

Attachment E - Outfall SR05A

Date	Metered Flow - MGD	Rainfall Total - In	Rainfall Peak - In
02/01/10		0.00	0.00
02/02/10		0.00	0.00
02/03/10		0.05	0.01
02/04/10		0.00	0.00
02/05/10		0.00	0.00
02/06/10		0.00	0.00
02/07/10		0.00	0.00
02/08/10		0.00	0.00
02/09/10		0.00	0.00
02/10/10		0.00	0.00
02/11/10		0.01	0.01
02/12/10		0.00	0.00
02/13/10		0.00	0.00
02/14/10		0.00	0.00
02/15/10		0.00	0.00
02/16/10		0.02	0.01
02/17/10		1.07	0.05
02/18/10		0.00	0.00
02/19/10		0.02	0.01
02/20/10		0.01	0.01
02/21/10		0.00	0.00
02/22/10		0.00	0.00
02/23/10		0.02	0.01
02/24/10		0.86	0.16
02/25/10		0.40	0.14
02/26/10		0.81	0.08
02/27/10		0.48	0.09
02/28/10		0.13	0.06

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	09B-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	02/01/2010	TO	02/28/2010

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

No Discharge ☐

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PROJ.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413)448-5702		03-27-2010
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

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

Attachment E - Outfall 09B

Date	pH	TSS MG/L	FN	Oil & Grease MG/L	FN	PCB UG/L	FN	Metered Flow - MGD	Calculated Flow - MGD	FN	Rainfall Total - In	Rainfall Peak - In
02/01/10											0.00	0.00
02/02/10											0.00	0.00
02/03/10											0.05	0.01
02/04/10											0.00	0.00
02/05/10											0.00	0.00
02/06/10											0.00	0.00
02/07/10											0.00	0.00
02/08/10											0.00	0.00
02/09/10											0.00	0.00
02/10/10		2.30	C			0	C				0.00	0.00
02/11/10											0.01	0.01
02/12/10											0.00	0.00
02/13/10											0.00	0.00
02/14/10											0.00	0.00
02/15/10											0.00	0.00
02/16/10											0.02	0.01
02/17/10											1.07	0.05
02/18/10											0.00	0.00
02/19/10											0.02	0.01
02/20/10											0.01	0.01
02/21/10											0.00	0.00
02/22/10											0.00	0.00
02/23/10											0.02	0.01
02/24/10											0.86	0.16
02/25/10											0.40	0.14
02/26/10											0.81	0.08
02/27/10											0.48	0.09
02/28/10											0.13	0.06

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	02/01/2010	**TO**	02/28/2010

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

No Discharge ☐

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413)448-5902		03-24-2010
MGR, PITTSFIELD REMEDIATION PROG.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY
TYPED OR PRINTED					

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

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

Attachment E - Outfall 009 Dry

Date	Estimated Flow - MGD	Rainfall Total - In	Rainfall Peak - In
02/01/10		0.00	0.00
02/02/10		0.00	0.00
02/03/10		0.05	0.01
02/04/10		0.00	0.00
02/05/10		0.00	0.00
02/06/10		0.00	0.00
02/07/10	0	0.00	0.00
02/08/10		0.00	0.00
02/09/10		0.00	0.00
02/10/10		0.00	0.00
02/11/10		0.01	0.01
02/12/10		0.00	0.00
02/13/10		0.00	0.00
02/14/10	0	0.00	0.00
02/15/10		0.00	0.00
02/16/10		0.02	0.01
02/17/10		1.07	0.05
02/18/10		0.00	0.00
02/19/10		0.02	0.01
02/20/10		0.01	0.01
02/21/10		0.00	0.00
02/22/10		0.00	0.00
02/23/10		0.02	0.01
02/24/10		0.86	0.16
02/25/10		0.40	0.14
02/26/10		0.81	0.08
02/27/10		0.48	0.09
02/28/10		0.13	0.06

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	02/01/2010	**TO**	02/28/2010

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

No Discharge ☐

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations	Michael T. Carroll	(413) 448-5802		03-24-2010
MGR. PITTSFIELD REMEDIATION PROJ.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY
TYPED OR PRINTED					

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

SEE PAGE 14 OF PERMIT TOTAL FLOW 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	64G-A
PERMIT NUMBER	**DISCHARGE NUMBER**

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	02/01/2010	**TO**	02/28/2010

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	7.1	******	7.3	SU	0	WEEKLY	RCORDR
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Twice Every Month	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	******	******	******	0	******	0	mg/L	0	2/MO	COMP24
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Twice Every Month	COMP24
Oil & grease	SAMPLE MEASUREMENT	******	******	******	0	******	0	mg/L	0	2/MO	GRAB
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Twice Every Month	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	******	******	******	0	******	0	ug/L	0	2/MO	COMP24
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	.15 MO AVG	******	Req. Mon. DAILY MX	ug/L		Twice Every Month	COMP24
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.1345	0.1618	MGD	******	******	******	******	0	CONT	RCORDR
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR
Volatile Organic Compound (VOC)	SAMPLE MEASUREMENT	******	******	******	0	******	0	ug/L	0	2/MO	GRAB
51415 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Twice Every Month	GRAB
Volatile fraction organics (EPA 624)	SAMPLE MEASUREMENT	******	******	******	1.240	******	1.410	ug/L	0	2/MO	GRAB
78733 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Twice Every Month	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PROG.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413)	448-5902	03-24-2010
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 159 PLASTICS AVE
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	02/01/2010	**TO**	02/28/2010

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Flow, total	SAMPLE MEASUREMENT	0.1457	0.1529	MGD	******	******	******	******	0	CONT	RCORDR
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T Carroll	(413) 448-5902		03-24-2010
MGR. PITTSFIELD REMEDIATION PROG.					
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

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

Attachment E - 64G

Date	Weekly Min - pH	Weekly Max - pH	Oil & Grease MG/L	FN	TSS MG/L	FN	PCB UG/L	FN	VOC UG/L	FN	SVOC UG/L	FN	Metered Flow - MGD	Rainfall Total - In	Rainfall Peak - In
02/01/10													0.1569	0.00	0.00
02/02/10													0.1618	0.00	0.00
02/03/10													0.1385	0.05	0.01
02/04/10													0.1559	0.00	0.00
02/05/10													0.1531	0.00	0.00
02/06/10													0.1552	0.00	0.00
02/07/10	7.10	7.30											0.1325	0.00	0.00
02/08/10			U4.10	1,G	U1.00	1,C	0	C	1.070	G	0	G	0.1529	0.00	0.00
02/09/10													0.1398	0.00	0.00
02/10/10													0.1174	0.00	0.00
02/11/10													0.1479	0.01	0.01
02/12/10													0.1353	0.00	0.00
02/13/10													0.1152	0.00	0.00
02/14/10	7.20	7.30											0.1347	0.00	0.00
02/15/10			U4.50	1,G	U1.00	1,C	0	C	1.410	G	0	G	0.1385	0.00	0.00
02/16/10													0.1065	0.02	0.01
02/17/10													0.1316	1.07	0.05
02/18/10													0.1272	0.00	0.00
02/19/10													0.1306	0.02	0.01
02/20/10													0.1042	0.01	0.01
02/21/10	7.20	7.30											0.1279	0.00	0.00
02/22/10													0.1326	0.00	0.00
02/23/10													0.1224	0.02	0.01
02/24/10													0.1111	0.86	0.16
02/25/10													0.1212	0.40	0.14
02/26/10													0.1366	0.81	0.08
02/27/10													0.1352	0.48	0.09
02/28/10	7.20	7.30											0.1431	0.13	0.06

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

February 17, 2010 Service Request No: R1000715

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

Laboratory Results for: GE -Pittsfield NPDES 2/2010

Dear Mr. Coyle:

Enclosed are the results of the sample(s) submitted to our laboratory on February 9, 2010. For your reference, these analyses have been assigned our service request number **R1000715**.

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

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

Respectfully submitted,

Columbia Analytical Services, Inc.

DPatton

Deb Patton
Project Manager

CC: Dennis Capria

COLUMBIA ANALYTICAL SERVICES, INC.

Client:	GE-Pittsfield	**Service Request No.:**	R1000715
Project:	NPDES -2/10	**Date Received:**	2/9/10
Sample Matrix:	Water		

CASE NARRATIVE

Lab ID	Client ID
R1000715-002	64G-1Q2M-1X-GV
R1000715-003	64G-1Q2M-1X-GS
R1000715-005	Trip Blank

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

Sample Receipt

Two water samples and one Trip Blank were received for analysis at Columbia Analytical Services on 2/9/10. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were stored in a refrigerator between 1°C and 6°C upon receipt at the laboratory.

Volatile Organics

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

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

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

Extractable Organics

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

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

Approved by _____ **Date** 2/17/10

Columbia Analytical Services™

REPORT QUALIFIERS

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

ACCREDITED IN ACCORDANCE WITH nelac

CAS/Rochester Lab ID # for Massachusetts Certification
M-NY032

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

The Commonwealth of Massachusetts

Department of Environmental Protection

Division of Environmental Analysis
Senator William X. Wall Experiment Station

certifies

M-NY032

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

Laboratory Director: **Michael K. Perry**

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

pursuant to 310 CMR 42.00

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

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

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

Issued: **01 JUL 2009**

Expires: **30 JUN 2010**

Oscar C. Parcaba

Director, Division of Environmental Analysis

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 24 JAN 2010

M-NY032 COLUMBIA ANALYTICAL SERVICES
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY) Effective Date 24 JAN 2010 Expiration Date 30 JUN 2010

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

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 24 JAN 2010

M-NY032 COLUMBIA ANALYTICAL SERVICES
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY) **Effective Date** 24 JAN 2010 **Expiration Date** 30 JUN 2010

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

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000715
Project:	GE -Pittsfield NPDES 2/2010	**Date Collected:**	2/ 8/10 0710
Sample Matrix:	Water	**Date Received:**	2/ 9/10
Sample Name:	64G-1Q2M-1X-GV	**Units:**	µg/L
Lab Code:	R1000715-002	**Basis:**	NA

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

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.18	1	NA	2/10/10 15:13		189385	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	1	NA	2/10/10 15:13		189385	
1,1,2-Trichloroethane	1.0	U	1.0	0.27	1	NA	2/10/10 15:13		189385	
1,1-Dichloroethane (1,1-DCA)	**0.39**	J	1.0	0.23	1	NA	2/10/10 15:13		189385	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	1	NA	2/10/10 15:13		189385	
1,2-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	2/10/10 15:13		189385	
1,2-Dichloroethane	1.0	U	1.0	0.17	1	NA	2/10/10 15:13		189385	
1,2-Dichloropropane	1.0	U	1.0	0.29	1	NA	2/10/10 15:13		189385	
1,3-Dichlorobenzene	1.0	U	1.0	0.16	1	NA	2/10/10 15:13		189385	
1,4-Dichlorobenzene	1.0	U	1.0	0.22	1	NA	2/10/10 15:13		189385	
2-Chloroethyl Vinyl Ether	10	U	10	0.51	1	NA	2/10/10 15:13		189385	
Acrolein	10	U	10	4.2	1	NA	2/10/10 15:13		189385	
Acrylonitrile	10	U	10	1.2	1	NA	2/10/10 15:13		189385	
Benzene	1.0	U	1.0	0.16	1	NA	2/10/10 15:13		189385	
Bromodichloromethane	1.0	U	1.0	0.16	1	NA	2/10/10 15:13		189385	
Bromoform	1.0	U	1.0	0.24	1	NA	2/10/10 15:13		189385	
Bromomethane	1.0	U	1.0	0.33	1	NA	2/10/10 15:13		189385	
Carbon Tetrachloride	1.0	U	1.0	0.23	1	NA	2/10/10 15:13		189385	
Chlorobenzene	1.0	U	1.0	0.21	1	NA	2/10/10 15:13		189385	
Chloroethane	**0.68**	J	1.0	0.30	1	NA	2/10/10 15:13		189385	
Chloroform	1.0	U	1.0	0.17	1	NA	2/10/10 15:13		189385	
Chloromethane	1.0	U	1.0	0.22	1	NA	2/10/10 15:13		189385	
Chlorodibromomethane	1.0	U	1.0	0.29	1	NA	2/10/10 15:13		189385	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.24	1	NA	2/10/10 15:13		189385	
Methylene Chloride	1.0	U	1.0	0.20	1	NA	2/10/10 15:13		189385	
Ethylbenzene	1.0	U	1.0	0.15	1	NA	2/10/10 15:13		189385	
Tetrachloroethene (PCE)	1.0	U	1.0	0.22	1	NA	2/10/10 15:13		189385	
Toluene	1.0	U	1.0	0.16	1	NA	2/10/10 15:13		189385	
Trichloroethene (TCE)	1.0	U	1.0	0.17	1	NA	2/10/10 15:13		189385	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.15	1	NA	2/10/10 15:13		189385	
Vinyl Chloride	1.0	U	1.0	0.25	1	NA	2/10/10 15:13		189385	
cis-1,3-Dichloropropene	1.0	U	1.0	0.19	1	NA	2/10/10 15:13		189385	
trans-1,2-Dichloroethene	1.0	U	1.0	0.28	1	NA	2/10/10 15:13		189385	

Comments:

Client:	General Electric Company	**Service Request:**	R1000715
Project:	GE -Pittsfield NPDES 2/2010	**Date Collected:**	2/ 8/10 0710
Sample Matrix:	Water	**Date Received:**	2/ 9/10
Sample Name:	64G-1Q2M-1X-GV	**Units:**	µg/L
Lab Code:	R1000715-002	**Basis:**	NA

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

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	NA	2/10/10 15:13		189385	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
1,2-Dichloroethane-d4	97	79-123	2/10/10 15:13		
4-Bromofluorobenzene	108	82-117	2/10/10 15:13		
Toluene-d8	112	83-120	2/10/10 15:13		

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000715
Project:	GE -Pittsfield NPDES 2/2010	**Date Collected:**	2/8/10
Sample Matrix:	Water	**Date Received:**	2/9/10
		Date Analyzed:	2/10/10 1513

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

Sample Name:	64G-1Q2M-1X-GV	**Units:**	µg/L
Lab Code:	R1000715-002	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000715
Project:	GE -Pittsfield NPDES 2/2010	**Date Collected:**	2/ 8/10 0710
Sample Matrix:	Water	**Date Received:**	2/ 9/10
Sample Name:	64G-1Q2M-1X-GS	**Units:**	µg/L
Lab Code:	R1000715-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
1,2,4-Trichlorobenzene	4.7	U	4.7	0.92	1	2/10/10	2/11/10 14:25	105808	189572	
1,2-Diphenylhydrazine	4.7	U	4.7	0.78	1	2/10/10	2/11/10 14:25	105808	189572	
2,4,6-Trichlorophenol	4.7	U	4.7	1.1	1	2/10/10	2/11/10 14:25	105808	189572	
2,4-Dichlorophenol	4.7	U	4.7	0.91	1	2/10/10	2/11/10 14:25	105808	189572	
2,4-Dimethylphenol	4.7	U	4.7	1.2	1	2/10/10	2/11/10 14:25	105808	189572	
2,4-Dinitrophenol	47	U	47	44	1	2/10/10	2/11/10 14:25	105808	189572	
2,4-Dinitrotoluene	4.7	U	4.7	1.3	1	2/10/10	2/11/10 14:25	105808	189572	
2,6-Dinitrotoluene	4.7	U	4.7	1.1	1	2/10/10	2/11/10 14:25	105808	189572	
2-Chloronaphthalene	4.7	U	4.7	0.55	1	2/10/10	2/11/10 14:25	105808	189572	
2-Chlorophenol	4.7	U	4.7	0.77	1	2/10/10	2/11/10 14:25	105808	189572	
2-Nitrophenol	4.7	U	4.7	0.87	1	2/10/10	2/11/10 14:25	105808	189572	
3,3'-Dichlorobenzidine	4.7	U	4.7	1.3	1	2/10/10	2/11/10 14:25	105808	189572	
4,6-Dinitro-o-cresol	47	U	47	24	1	2/10/10	2/11/10 14:25	105808	189572	
4-Bromophenyl Phenyl Ether	4.7	U	4.7	1.1	1	2/10/10	2/11/10 14:25	105808	189572	
4-Chloro-m-cresol	4.7	U	4.7	0.80	1	2/10/10	2/11/10 14:25	105808	189572	
4-Chlorophenyl Phenyl Ether	4.7	U	4.7	0.77	1	2/10/10	2/11/10 14:25	105808	189572	
4-Nitrophenol	47	U	47	12	1	2/10/10	2/11/10 14:25	105808	189572	
Acenaphthene	4.7	U	4.7	0.84	1	2/10/10	2/11/10 14:25	105808	189572	
Acenaphthylene	4.7	U	4.7	0.73	1	2/10/10	2/11/10 14:25	105808	189572	
Anthracene	4.7	U	4.7	0.59	1	2/10/10	2/11/10 14:25	105808	189572	
Benz(a)anthracene	4.7	U	4.7	0.78	1	2/10/10	2/11/10 14:25	105808	189572	
Benzidine	94	U	94	32	1	2/10/10	2/11/10 14:25	105808	189572	
Benzo(a)pyrene	4.7	U	4.7	0.63	1	2/10/10	2/11/10 14:25	105808	189572	
3,4-Benzofluoranthene	4.7	U	4.7	0.62	1	2/10/10	2/11/10 14:25	105808	189572	
Benzo(g,h,i)perylene	4.7	U	4.7	0.83	1	2/10/10	2/11/10 14:25	105808	189572	
Benzo(k)fluoranthene	4.7	U	4.7	0.96	1	2/10/10	2/11/10 14:25	105808	189572	
Bis(1-chloroisopropyl) Ether	4.7	U	4.7	0.98	1	2/10/10	2/11/10 14:25	105808	189572	
Bis(2-chloroethoxy)methane	4.7	U	4.7	1.3	1	2/10/10	2/11/10 14:25	105808	189572	
Bis(2-chloroethyl) Ether	4.7	U	4.7	1.2	1	2/10/10	2/11/10 14:25	105808	189572	
Bis(2-ethylhexyl) Phthalate	4.7	U	4.7	1.7	1	2/10/10	2/11/10 14:25	105808	189572	
Butyl Benzyl Phthalate	4.7	U	4.7	0.90	1	2/10/10	2/11/10 14:25	105808	189572	
Chrysene	4.7	U	4.7	1.1	1	2/10/10	2/11/10 14:25	105808	189572	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000715
Project:	GE -Pittsfield NPDES 2/2010	**Date Collected:**	2/ 8/10 0710
Sample Matrix:	Water	**Date Received:**	2/ 9/10
Sample Name:	64G-1Q2M-1X-GS	**Units:**	µg/L
Lab Code:	R1000715-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
Di-n-butyl Phthalate	4.7	U	4.7	2.1	1	2/10/10	2/11/10 14:25	105808	189572	
Di-n-octyl Phthalate	4.7	U	4.7	0.89	1	2/10/10	2/11/10 14:25	105808	189572	
Dibenz(a,h)anthracene	4.7	U	4.7	0.77	1	2/10/10	2/11/10 14:25	105808	189572	
Diethyl Phthalate	4.7	U	4.7	0.90	1	2/10/10	2/11/10 14:25	105808	189572	
Dimethyl Phthalate	4.7	U	4.7	0.74	1	2/10/10	2/11/10 14:25	105808	189572	
Fluoranthene	4.7	U	4.7	0.72	1	2/10/10	2/11/10 14:25	105808	189572	
Fluorene	4.7	U	4.7	0.76	1	2/10/10	2/11/10 14:25	105808	189572	
Hexachlorobenzene	4.7	U	4.7	0.96	1	2/10/10	2/11/10 14:25	105808	189572	
Hexachlorobutadiene	4.7	U	4.7	0.67	1	2/10/10	2/11/10 14:25	105808	189572	
Hexachlorocyclopentadiene	4.7	U	4.7	0.70	1	2/10/10	2/11/10 14:25	105808	189572	
Hexachloroethane	4.7	U	4.7	0.71	1	2/10/10	2/11/10 14:25	105808	189572	
Indeno(1,2,3-cd)pyrene	4.7	U	4.7	0.65	1	2/10/10	2/11/10 14:25	105808	189572	
Isophorone	4.7	U	4.7	0.96	1	2/10/10	2/11/10 14:25	105808	189572	
N-Nitrosodi-n-propylamine	4.7	U	4.7	1.1	1	2/10/10	2/11/10 14:25	105808	189572	
N-Nitrosodimethylamine	4.7	U	4.7	0.64	1	2/10/10	2/11/10 14:25	105808	189572	
N-Nitrosodiphenylamine	4.7	U	4.7	0.72	1	2/10/10	2/11/10 14:25	105808	189572	
Naphthalene	4.7	U	4.7	0.60	1	2/10/10	2/11/10 14:25	105808	189572	
Nitrobenzene	4.7	U	4.7	0.90	1	2/10/10	2/11/10 14:25	105808	189572	
Pentachlorophenol (PCP)	47	U	47	31	1	2/10/10	2/11/10 14:25	105808	189572	
Phenanthrene	4.7	U	4.7	0.71	1	2/10/10	2/11/10 14:25	105808	189572	
Phenol	4.7	U	4.7	0.55	1	2/10/10	2/11/10 14:25	105808	189572	
Pyrene	4.7	U	4.7	0.84	1	2/10/10	2/11/10 14:25	105808	189572	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
2,4,6-Tribromophenol	88	46-134	2/11/10 14:25		
2-Fluorobiphenyl	72	46-110	2/11/10 14:25		
2-Fluorophenol	44	12-84	2/11/10 14:25		
Nitrobenzene-d5	66	44-117	2/11/10 14:25		
Phenol-d6	29	10-70	2/11/10 14:25		
p-Terphenyl-d14	83	40-133	2/11/10 14:25		

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000715
Project:	GE -Pittsfield NPDES 2/2010	**Date Collected:**	2/ 8/10 0725
Sample Matrix:	Water	**Date Received:**	2/ 9/10
Sample Name:	TRIP BLANK	**Units:**	µg/L
Lab Code:	R1000715-005	**Basis:**	NA

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

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.18	1	NA	2/10/10 15:51		189385	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	1	NA	2/10/10 15:51		189385	
1,1,2-Trichloroethane	1.0	U	1.0	0.27	1	NA	2/10/10 15:51		189385	
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.23	1	NA	2/10/10 15:51		189385	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	1	NA	2/10/10 15:51		189385	
1,2-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	2/10/10 15:51		189385	
1,2-Dichloroethane	1.0	U	1.0	0.17	1	NA	2/10/10 15:51		189385	
1,2-Dichloropropane	1.0	U	1.0	0.29	1	NA	2/10/10 15:51		189385	
1,3-Dichlorobenzene	1.0	U	1.0	0.16	1	NA	2/10/10 15:51		189385	
1,4-Dichlorobenzene	1.0	U	1.0	0.22	1	NA	2/10/10 15:51		189385	
2-Chloroethyl Vinyl Ether	10	U	10	0.51	1	NA	2/10/10 15:51		189385	
Acrolein	10	U	10	4.2	1	NA	2/10/10 15:51		189385	
Acrylonitrile	10	U	10	1.2	1	NA	2/10/10 15:51		189385	
Benzene	1.0	U	1.0	0.16	1	NA	2/10/10 15:51		189385	
Bromodichloromethane	1.0	U	1.0	0.16	1	NA	2/10/10 15:51		189385	
Bromoform	1.0	U	1.0	0.24	1	NA	2/10/10 15:51		189385	
Bromomethane	1.0	U	1.0	0.33	1	NA	2/10/10 15:51		189385	
Carbon Tetrachloride	1.0	U	1.0	0.23	1	NA	2/10/10 15:51		189385	
Chlorobenzene	1.0	U	1.0	0.21	1	NA	2/10/10 15:51		189385	
Chloroethane	1.0	U	1.0	0.30	1	NA	2/10/10 15:51		189385	
Chloroform	**0.27**	J	1.0	0.17	1	NA	2/10/10 15:51		189385	
Chloromethane	1.0	U	1.0	0.22	1	NA	2/10/10 15:51		189385	
Chlorodibromomethane	1.0	U	1.0	0.29	1	NA	2/10/10 15:51		189385	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.24	1	NA	2/10/10 15:51		189385	
Methylene Chloride	**0.39**	J	1.0	0.20	1	NA	2/10/10 15:51		189385	
Ethylbenzene	1.0	U	1.0	0.15	1	NA	2/10/10 15:51		189385	
Tetrachloroethene (PCE)	1.0	U	1.0	0.22	1	NA	2/10/10 15:51		189385	
Toluene	1.0	U	1.0	0.16	1	NA	2/10/10 15:51		189385	
Trichloroethene (TCE)	1.0	U	1.0	0.17	1	NA	2/10/10 15:51		189385	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.15	1	NA	2/10/10 15:51		189385	
Vinyl Chloride	1.0	U	1.0	0.25	1	NA	2/10/10 15:51		189385	
cis-1,3-Dichloropropene	1.0	U	1.0	0.19	1	NA	2/10/10 15:51		189385	
trans-1,2-Dichloroethene	1.0	U	1.0	0.28	1	NA	2/10/10 15:51		189385	

Comments:

Client:	General Electric Company	**Service Request:**	R1000715
Project:	GE -Pittsfield NPDES 2/2010	**Date Collected:**	2/ 8/10 0725
Sample Matrix:	Water	**Date Received:**	2/ 9/10
Sample Name:	TRIP BLANK	**Units:**	µg/L
Lab Code:	R1000715-005	**Basis:**	NA

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

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	NA	2/10/10 15:51		189385	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
1,2-Dichloroethane-d4	95	79-123	2/10/10 15:51		
4-Bromofluorobenzene	108	82-117	2/10/10 15:51		
Toluene-d8	110	83-120	2/10/10 15:51		

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000715
Project:	GE -Pittsfield NPDES 2/2010	**Date Collected:**	2/8/10
Sample Matrix:	Water	**Date Received:**	2/9/10
		Date Analyzed:	2/10/10 1551

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:	R1000715-005	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000715
Project:	GE -Pittsfield NPDES 2/2010	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1001034-01	**Basis:**	NA

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

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.18	1	NA	2/10/10 13:20		189385	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	1	NA	2/10/10 13:20		189385	
1,1,2-Trichloroethane	1.0	U	1.0	0.27	1	NA	2/10/10 13:20		189385	
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.23	1	NA	2/10/10 13:20		189385	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	1	NA	2/10/10 13:20		189385	
1,2-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	2/10/10 13:20		189385	
1,2-Dichloroethane	1.0	U	1.0	0.17	1	NA	2/10/10 13:20		189385	
1,2-Dichloropropane	1.0	U	1.0	0.29	1	NA	2/10/10 13:20		189385	
1,3-Dichlorobenzene	1.0	U	1.0	0.16	1	NA	2/10/10 13:20		189385	
1,4-Dichlorobenzene	1.0	U	1.0	0.22	1	NA	2/10/10 13:20		189385	
2-Chloroethyl Vinyl Ether	10	U	10	0.51	1	NA	2/10/10 13:20		189385	
Acrolein	10	U	10	4.2	1	NA	2/10/10 13:20		189385	
Acrylonitrile	10	U	10	1.2	1	NA	2/10/10 13:20		189385	
Benzene	1.0	U	1.0	0.16	1	NA	2/10/10 13:20		189385	
Bromodichloromethane	1.0	U	1.0	0.16	1	NA	2/10/10 13:20		189385	
Bromoform	1.0	U	1.0	0.24	1	NA	2/10/10 13:20		189385	
Bromomethane	1.0	U	1.0	0.33	1	NA	2/10/10 13:20		189385	
Carbon Tetrachloride	1.0	U	1.0	0.23	1	NA	2/10/10 13:20		189385	
Chlorobenzene	1.0	U	1.0	0.21	1	NA	2/10/10 13:20		189385	
Chloroethane	1.0	U	1.0	0.30	1	NA	2/10/10 13:20		189385	
Chloroform	1.0	U	1.0	0.17	1	NA	2/10/10 13:20		189385	
Chloromethane	1.0	U	1.0	0.22	1	NA	2/10/10 13:20		189385	
Chlorodibromomethane	1.0	U	1.0	0.29	1	NA	2/10/10 13:20		189385	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.24	1	NA	2/10/10 13:20		189385	
Methylene Chloride	1.0	U	1.0	0.20	1	NA	2/10/10 13:20		189385	
Ethylbenzene	1.0	U	1.0	0.15	1	NA	2/10/10 13:20		189385	
Tetrachloroethene (PCE)	1.0	U	1.0	0.22	1	NA	2/10/10 13:20		189385	
Toluene	1.0	U	1.0	0.16	1	NA	2/10/10 13:20		189385	
Trichloroethene (TCE)	1.0	U	1.0	0.17	1	NA	2/10/10 13:20		189385	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.15	1	NA	2/10/10 13:20		189385	
Vinyl Chloride	1.0	U	1.0	0.25	1	NA	2/10/10 13:20		189385	
cis-1,3-Dichloropropene	1.0	U	1.0	0.19	1	NA	2/10/10 13:20		189385	
trans-1,2-Dichloroethene	1.0	U	1.0	0.28	1	NA	2/10/10 13:20		189385	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000715
Project:	GE -Pittsfield NPDES 2/2010	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1001034-01	**Basis:**	NA

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

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	NA	2/10/10 13:20		189385	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
1,2-Dichloroethane-d4	97	79-123	2/10/10 13:20		
4-Bromofluorobenzene	107	82-117	2/10/10 13:20		
Toluene-d8	111	83-120	2/10/10 13:20		

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000715
Project:	GE -Pittsfield NPDES 2/2010	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	2/10/10 1320

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:	RQ1001034-01	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: General Electric Company
Project: GE -Pittsfield NPDES 2/2010
Sample Matrix: Water

Service Request: R1000715
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ1001007-01

Units: µg/L
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
1,2,4-Trichlorobenzene	5.0	U	5.0	0.92	1	2/10/10	2/11/10 12:23	105808	189572	
1,2-Diphenylhydrazine	5.0	U	5.0	0.78	1	2/10/10	2/11/10 12:23	105808	189572	
2,4,6-Trichlorophenol	5.0	U	5.0	1.1	1	2/10/10	2/11/10 12:23	105808	189572	
2,4-Dichlorophenol	5.0	U	5.0	0.91	1	2/10/10	2/11/10 12:23	105808	189572	
2,4-Dimethylphenol	5.0	U	5.0	1.2	1	2/10/10	2/11/10 12:23	105808	189572	
2,4-Dinitrophenol	50	U	50	44	1	2/10/10	2/11/10 12:23	105808	189572	
2,4-Dinitrotoluene	5.0	U	5.0	1.3	1	2/10/10	2/11/10 12:23	105808	189572	
2,6-Dinitrotoluene	5.0	U	5.0	1.1	1	2/10/10	2/11/10 12:23	105808	189572	
2-Chloronaphthalene	5.0	U	5.0	0.55	1	2/10/10	2/11/10 12:23	105808	189572	
2-Chlorophenol	5.0	U	5.0	0.77	1	2/10/10	2/11/10 12:23	105808	189572	
2-Nitrophenol	5.0	U	5.0	0.87	1	2/10/10	2/11/10 12:23	105808	189572	
3,3'-Dichlorobenzidine	5.0	U	5.0	1.3	1	2/10/10	2/11/10 12:23	105808	189572	
4,6-Dinitro-o-cresol	50	U	50	24	1	2/10/10	2/11/10 12:23	105808	189572	
4-Bromophenyl Phenyl Ether	5.0	U	5.0	1.1	1	2/10/10	2/11/10 12:23	105808	189572	
4-Chloro-m-cresol	5.0	U	5.0	0.80	1	2/10/10	2/11/10 12:23	105808	189572	
4-Chlorophenyl Phenyl Ether	5.0	U	5.0	0.77	1	2/10/10	2/11/10 12:23	105808	189572	
4-Nitrophenol	50	U	50	12	1	2/10/10	2/11/10 12:23	105808	189572	
Acenaphthene	5.0	U	5.0	0.84	1	2/10/10	2/11/10 12:23	105808	189572	
Acenaphthylene	5.0	U	5.0	0.73	1	2/10/10	2/11/10 12:23	105808	189572	
Anthracene	5.0	U	5.0	0.59	1	2/10/10	2/11/10 12:23	105808	189572	
Benz(a)anthracene	5.0	U	5.0	0.78	1	2/10/10	2/11/10 12:23	105808	189572	
Benzidine	100	U	100	32	1	2/10/10	2/11/10 12:23	105808	189572	
Benzo(a)pyrene	5.0	U	5.0	0.63	1	2/10/10	2/11/10 12:23	105808	189572	
3,4-Benzofluoranthene	5.0	U	5.0	0.62	1	2/10/10	2/11/10 12:23	105808	189572	
Benzo(g,h,i)perylene	5.0	U	5.0	0.83	1	2/10/10	2/11/10 12:23	105808	189572	
Benzo(k)fluoranthene	5.0	U	5.0	0.96	1	2/10/10	2/11/10 12:23	105808	189572	
Bis(1-chloroisopropyl) Ether	5.0	U	5.0	0.98	1	2/10/10	2/11/10 12:23	105808	189572	
Bis(2-chloroethoxy)methane	5.0	U	5.0	1.3	1	2/10/10	2/11/10 12:23	105808	189572	
Bis(2-chloroethyl) Ether	5.0	U	5.0	1.2	1	2/10/10	2/11/10 12:23	105808	189572	
Bis(2-ethylhexyl) Phthalate	5.0	U	5.0	1.7	1	2/10/10	2/11/10 12:23	105808	189572	
Butyl Benzyl Phthalate	5.0	U	5.0	0.90	1	2/10/10	2/11/10 12:23	105808	189572	
Chrysene	5.0	U	5.0	1.1	1	2/10/10	2/11/10 12:23	105808	189572	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000715
Project:	GE -Pittsfield NPDES 2/2010	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1001007-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
Di-n-butyl Phthalate	5.0	U	5.0	2.1	1	2/10/10	2/11/10 12:23	105808	189572	
Di-n-octyl Phthalate	5.0	U	5.0	0.89	1	2/10/10	2/11/10 12:23	105808	189572	
Dibenz(a,h)anthracene	5.0	U	5.0	0.77	1	2/10/10	2/11/10 12:23	105808	189572	
Diethyl Phthalate	5.0	U	5.0	0.90	1	2/10/10	2/11/10 12:23	105808	189572	
Dimethyl Phthalate	5.0	U	5.0	0.74	1	2/10/10	2/11/10 12:23	105808	189572	
Fluoranthene	5.0	U	5.0	0.72	1	2/10/10	2/11/10 12:23	105808	189572	
Fluorene	5.0	U	5.0	0.76	1	2/10/10	2/11/10 12:23	105808	189572	
Hexachlorobenzene	5.0	U	5.0	0.96	1	2/10/10	2/11/10 12:23	105808	189572	
Hexachlorobutadiene	5.0	U	5.0	0.67	1	2/10/10	2/11/10 12:23	105808	189572	
Hexachlorocyclopentadiene	5.0	U	5.0	0.70	1	2/10/10	2/11/10 12:23	105808	189572	
Hexachloroethane	5.0	U	5.0	0.71	1	2/10/10	2/11/10 12:23	105808	189572	
Indeno(1,2,3-cd)pyrene	5.0	U	5.0	0.65	1	2/10/10	2/11/10 12:23	105808	189572	
Isophorone	5.0	U	5.0	0.96	1	2/10/10	2/11/10 12:23	105808	189572	
N-Nitrosodi-n-propylamine	5.0	U	5.0	1.1	1	2/10/10	2/11/10 12:23	105808	189572	
N-Nitrosodimethylamine	5.0	U	5.0	0.64	1	2/10/10	2/11/10 12:23	105808	189572	
N-Nitrosodiphenylamine	5.0	U	5.0	0.72	1	2/10/10	2/11/10 12:23	105808	189572	
Naphthalene	5.0	U	5.0	0.60	1	2/10/10	2/11/10 12:23	105808	189572	
Nitrobenzene	5.0	U	5.0	0.90	1	2/10/10	2/11/10 12:23	105808	189572	
Pentachlorophenol (PCP)	50	U	50	31	1	2/10/10	2/11/10 12:23	105808	189572	
Phenanthrene	5.0	U	5.0	0.71	1	2/10/10	2/11/10 12:23	105808	189572	
Phenol	5.0	U	5.0	0.55	1	2/10/10	2/11/10 12:23	105808	189572	
Pyrene	5.0	U	5.0	0.84	1	2/10/10	2/11/10 12:23	105808	189572	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
2,4,6-Tribromophenol	85	46-134	2/11/10 12:23		
2-Fluorobiphenyl	73	46-110	2/11/10 12:23		
2-Fluorophenol	46	12-84	2/11/10 12:23		
Nitrobenzene-d5	68	44-117	2/11/10 12:23		
Phenol-d6	31	10-70	2/11/10 12:23		
p-Terphenyl-d14	94	40-133	2/11/10 12:23		

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: General Electric Company
Project: GE -Pittsfield NPDES 2/2010
Sample Matrix: Water

Service Request: R1000715
Date Analyzed: 2/10/10

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

Analytical Method: 624

Units: µg/L
Basis: NA

Analysis Lot: 189385

Analyte Name	Lab Control Sample RQ1001034-02 Result	Expected	% Rec		% Rec Limits
1,1,1-Trichloroethane (TCA)	**19.0**	20.0	95		52 - 162
1,1,2,2-Tetrachloroethane	**21.0**	20.0	105		46 - 157
1,1,2-Trichloroethane	**20.7**	20.0	103		52 - 150
1,1-Dichloroethane (1,1-DCA)	**24.3**	20.0	122		59 - 155
1,1-Dichloroethene (1,1-DCE)	**22.2**	20.0	111		0 - 234
1,2-Dichlorobenzene	**17.7**	20.0	89		18 - 190
1,2-Dichloroethane	**19.4**	20.0	97		49 - 155
1,2-Dichloropropane	**23.9**	20.0	119		0 - 210
1,3-Dichlorobenzene	**18.1**	20.0	90		59 - 156
1,4-Dichlorobenzene	**17.7**	20.0	89		18 - 190
2-Chloroethyl Vinyl Ether	**23.0**	20.0	115		0 - 305
Acrolein	**69.6**	100	70		10 - 174
Acrylonitrile	**142**	100	142	*	75 - 123
Benzene	**22.8**	20.0	114		37 - 151
Bromodichloromethane	**18.9**	20.0	94		35 - 155
Bromoform	**16.5**	20.0	82		45 - 169
Bromomethane	**24.5**	20.0	122		0 - 242
Carbon Tetrachloride	**16.3**	20.0	82		70 - 140
Chlorobenzene	**19.2**	20.0	96		37 - 160
Chloroethane	**28.6**	20.0	143		14 - 230
Chloroform	**20.9**	20.0	105		51 - 138
Chloromethane	**32.1**	20.0	161		0 - 273
Chlorodibromomethane	**17.4**	20.0	87		53 - 149
Dichlorodifluoromethane (CFC 12)	**33.4**	20.0	167	*	70 - 130
Methylene Chloride	**21.9**	20.0	109		0 - 221
Ethylbenzene	**18.8**	20.0	94		37 - 162
Tetrachloroethene (PCE)	**18.2**	20.0	91		64 - 148
Toluene	**21.0**	20.0	105		47 - 150
Trichloroethene (TCE)	**19.4**	20.0	97		71 - 157
Trichlorofluoromethane (CFC 11)	**20.3**	20.0	101		17 - 181
Vinyl Chloride	**29.0**	20.0	145		0 - 251
cis-1,3-Dichloropropene	**19.9**	20.0	99		0 - 227
trans-1,2-Dichloroethene	**22.0**	20.0	110		54 - 156
trans-1,3-Dichloropropene	**18.8**	20.0	94		17 - 183

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: General Electric Company
Project: GE -Pittsfield NPDES 2/2010
Sample Matrix: Water

Service Request: R1000715
Date Analyzed: 2/11/10

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 105808

	Lab Control Sample RQ1001007-02				Duplicate Lab Control Sample RQ1001007-03					
Analyte Name	**Result**	**Expected**	**% Rec**		**Result**	**Expected**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	**75.0**	100	75		**70.4**	100	70	44 - 142	6	30
1,2-Diphenylhydrazine	**94.5**	100	94		**93.6**	100	94	64 - 114	1	30
2,4,6-Trichlorophenol	**104**	100	104		**105**	100	105	37 - 144	1	30
2,4-Dichlorophenol	**98.3**	100	98		**97.5**	100	97	39 - 135	1	30
2,4-Dimethylphenol	**76.9**	100	77		**76.4**	100	76	39 - 135	1	30
2,4-Dinitrophenol	**89.8**	100	90		**90.6**	100	91	0 - 191	1	30
2,4-Dinitrotoluene	**108**	100	108		**109**	100	109	39 - 139	1	30
2,6-Dinitrotoluene	**104**	100	104		**106**	100	106	50 - 158	2	30
2-Chloronaphthalene	**92.4**	100	92		**90.9**	100	91	60 - 118	2	30
2-Chlorophenol	**88.2**	100	88		**88.7**	100	89	23 - 134	1	30
2-Nitrophenol	**97.2**	100	97		**95.1**	100	95	29 - 182	2	30
3,3'-Dichlorobenzidine	**88.1**	100	88		**86.4**	100	86	0 - 262	2	30
4,6-Dinitro-o-cresol	**108**	100	108		**110**	100	110	0 - 181	2	30
4-Bromophenyl Phenyl Ether	**101**	100	101		**102**	100	102	53 - 127	0	30
4-Chloro-m-cresol	**101**	100	101		**98.3**	100	98	22 - 147	3	30
4-Chlorophenyl Phenyl Ether	**101**	100	101		**101**	100	101	25 - 158	0	30
4-Nitrophenol	**34.5**	100	34		**35.5**	100	36	0 - 132	3	30
Acenaphthene	**100**	100	100		**98.0**	100	98	47 - 145	2	30
Acenaphthylene	**104**	100	104		**102**	100	102	33 - 145	2	30
Anthracene	**100**	100	100		**98.5**	100	98	27 - 133	2	30
Benz(a)anthracene	**101**	100	101		**102**	100	102	33 - 143	1	30
Benzidine	**6.70**	100	7	*	**15.5**	100	16	10 - 110	79 *	30
Benzo(a)pyrene	**91.0**	100	91		**94.8**	100	95	17 - 163	4	30
3,4-Benzofluoranthene	**110**	100	110		**112**	100	112	24 - 159	2	30
Benzo(g,h,i)perylene	**105**	100	105		**107**	100	107	0 - 219	2	30
Benzo(k)fluoranthene	**109**	100	109		**112**	100	112	11 - 162	3	30
Bis(1-chloroisopropyl) Ether	**94.8**	100	95		**92.9**	100	93	36 - 166	2	30
Bis(2-chloroethoxy)methane	**94.3**	100	94		**93.9**	100	94	33 - 184	0	30
Bis(2-chloroethyl) Ether	**89.4**	100	89		**88.8**	100	89	12 - 158	1	30
Bis(2-ethylhexyl) Phthalate	**102**	100	102		**103**	100	103	8 - 158	1	30
Butyl Benzyl Phthalate	**99.2**	100	99		**99.7**	100	100	0 - 152	0	30
Chrysene	**102**	100	102		**102**	100	102	17 - 168	0	30
Di-n-butyl Phthalate	**103**	100	103		**104**	100	104	1 - 118	1	30
Di-n-octyl Phthalate	**105**	100	105		**108**	100	108	4 - 146	3	30
Dibenz(a,h)anthracene	**105**	100	105		**105**	100	105	0 - 227	1	30
Diethyl Phthalate	**104**	100	104		**105**	100	105	0 - 114	1	30

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: General Electric Company
Project: GE -Pittsfield NPDES 2/2010
Sample Matrix: Water

Service Request: R1000715
Date Analyzed: 2/11/10

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 105808

Analyte Name	Lab Control Sample RQ1001007-02 Result	Expected	% Rec	Duplicate Lab Control Sample RQ1001007-03 Result	Expected	% Rec	% Rec Limits	RPD	RPD Limit
Dimethyl Phthalate	**103**	100	103	**103**	100	103	0 - 112	0	30
Fluoranthene	**106**	100	106	**106**	100	106	26 - 137	1	30
Fluorene	**103**	100	103	**103**	100	103	59 - 121	0	30
Hexachlorobenzene	**104**	100	104	**104**	100	104	0 - 152	0	30
Hexachlorobutadiene	**73.3**	100	73	**67.7**	100	68	24 - 116	8	30
Hexachlorocyclopentadiene	**74.0**	100	74	**72.9**	100	73	10 - 130	2	30
Hexachloroethane	**63.8**	100	64	**58.9**	100	59	40 - 113	8	30
Indeno(1,2,3-cd)pyrene	**103**	100	103	**104**	100	104	0 - 171	1	30
Isophorone	**95.8**	100	96	**94.8**	100	95	21 - 196	1	30
N-Nitrosodi-n-propylamine	**89.1**	100	89	**88.2**	100	88	0 - 230	1	30
N-Nitrosodimethylamine	**54.0**	100	54	**53.1**	100	53	34 - 130	2	30
N-Nitrosodiphenylamine	**102**	100	102	**101**	100	101	50 - 117	1	30
Naphthalene	**81.9**	100	82	**76.7**	100	77	21 - 133	7	30
Nitrobenzene	**90.7**	100	91	**85.6**	100	86	35 - 180	6	30
Pentachlorophenol (PCP)	**104**	100	104	**105**	100	105	14 - 176	1	30
Phenanthrene	**105**	100	105	**104**	100	104	54 - 120	1	30
Phenol	**38.2**	100	38	**38.4**	100	38	5 - 112	1	30
Pyrene	**107**	100	107	**106**	100	106	52 - 115	1	30

Comments:

Columbia Analytical Services

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

SR #

CAS Contact

288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE 1 OF 2

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

Sampler's Signature: L Webster

Sampler's Printed Name: Jason Webster

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

PRESERVATIVE: 1 0 0

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's 8260 624 CLP	GC/MS SVOA's 8270 625 CLP	GC VOA's 8021 601/602	PESTICIDES 8081 608 CLP	PCB's 8082 608 CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	VOC EPA 624									REMARKS/ ALTERNATE DESCRIPTION
64G-1Q2M-1X-GV		2-8-10	7:15 AM	H2O	3	X																
64G-1Q2M-1X-GV		2-8-10	7:15 AM	H2O	3								X									
64G-1Q2M-1X-GS		2-8-10	7:15 AM	H2O	1		X															
Trip Blank		2-8-10	7:23 AM	H2O	3	X																
Trip Blank		2-8-10	7:23 AM	H2O	3								X									

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

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

See QAPP ☐

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

REPORT REQUIREMENTS
____ I. Results Only
____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
____ III. Results + QC and Calibration Summaries
X IV. Data Validation Report with
____ V. Specialized Forms / Custon
Edata ____ Yes ____

INVOICE INFORMATION
PO#
BILL TO

R1000715
ARCADIS of New York, Inc.
GE -Pittsfield 64G LPCA Monitoring Program

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

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: L Webster	Signature: B Coyle	Signature	Signature	Signature	Signature
Printed Name: Jason Webster	Printed Name: B Coyle	Printed Name	Printed Name	Printed Name	Printed Name
Firm: VWNA	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time: 2-8-10 2cc pm	Date/Time: 2/9/10 1005	Date/Time	Date/Time	Date/Time	Date/Time

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

SCDC-1102-08

R1000715
ARCADIS of New York, Inc.
GE -Pittsfield 64G LPCA Monitoring Program

Cooler Receipt And Preservation Check Form

Project/Client GE-Pittsfield Submission Number R10-715

Cooler received on 2/9/10 by: BD **COURIER:** CAS UPS (FEDEX) VELOCITY CLIENT

1.	Were custody seals on outside of cooler?	(YES)	NO			
2.	Were custody papers properly filled out (ink, signed, etc.)?	(YES)	NO			
3.	Did all bottles arrive in good condition (unbroken)?	(YES)	NO			
4.	Did any VOA vials have significant* air bubbles?	YES	(NO)	N/A		
5.	Were **Ice** or **Ice packs** present?	(YES)	NO			
6.	Where did the bottles originate?	(CAS/ROC)	CLIENT			
7.	Temperature of cooler(s) upon receipt:	0.7°				
	Is the temperature within 0° - 6° C?:	(Yes)	Yes	Yes	Yes	Yes
	If No, Explain Below	No	No	No	No	No

Date/Time Temperatures Taken: 2/9 @ 1017

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: 2/9/10 by: BD

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

Explain any discrepancies: _____

pH	Reagent	YES	NO	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	NaOH								
≤2	HNO_3								
≤2	H_2SO_4								
Residual Chlorine (-)	For TCN and Phenol			If present, contact PM to add ascorbic acid					
	$Na_2S_2O_3$	-	-						
	Zn Aceta	-	-						
	HCl	*	*	4109080	Y11				

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

1/2011 DP 2/17/10

Yes = All samples OK

No = Samples were preserved at lab as listed

PM OK to Adjust: _____

Bottle lot numbers: 07209-ICC, 9-308-001

Other Comments:

PC Secondary Review: [signature]

*significant air bubbles are greater than 5-6 mm

Columbia Analytical Services™ 1 Mustard Street, Suite 250 | Rochester, NY 14609 | 585-288-5380 | 585-288-8475 fax | www.caslab.com

March 22, 2010 Service Request No: R1000822

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

Laboratory Results for: GE -Pittsfield NPDES 2/10

Dear Mr. Coyle:

Enclosed are the results of the sample(s) submitted to our laboratory on February 16, 2010. For your reference, these analyses have been assigned our service request number **R1000822.**

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

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

Respectfully submitted,

Columbia Analytical Services, Inc.

DPatton

Deb Patton
Project Manager

COLUMBIA ANALYTICAL SERVICES, INC.

Client:	GE-Pittsfield	**Service Request No.:**	R1000822
Project:	NPDES -2/10	**Date Received:**	2/16/10
Sample Matrix:	Water		

CASE NARRATIVE

Lab ID	Client ID
R1000822-002	64G-1Q2M-2X-GV
R1000822-003	64G-1Q2M-2X-GS
R1000822-005	Trip Blank

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

Sample Receipt

Two water samples and one Trip Blank were received for analysis at Columbia Analytical Services on 2/16/10. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were stored in a refrigerator between 1°C and 6°C upon receipt at the laboratory.

Volatile Organics

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

Carbon Tetrachloride was outside of the control limits low on the 2/18/10 Laboratory Control Sample and has been flagged with a "*". There were no hits for this compound in the sample but all samples were repeated due to a possible low bias outside of the 3 day method specified holding time. Both sets of data have been reported.

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

Extractable Organics

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

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

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 _____ Date 3/22/10

Columbia Analytical Services™

REPORT QUALIFIERS

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

ACCREDITED IN ACCORDANCE WITH nelac

CAS/Rochester Lab ID # for Massachusetts Certification
M-NY032

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

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000822
Project:	GE -Pittsfield NPDES 2/10	**Date Collected:**	2/15/10 0700
Sample Matrix:	Water	**Date Received:**	2/16/10
Sample Name:	64G-1Q2M-2X-GV	**Units:**	µg/L
Lab Code:	R1000822-002	**Basis:**	NA

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

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
1,1,1-Trichloroethane (TCA)	**0.18**	J	1.0	0.18	1	NA	2/18/10 15:30		190276	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	1	NA	2/18/10 15:30		190276	
1,1,2-Trichloroethane	1.0	U	1.0	0.27	1	NA	2/18/10 15:30		190276	
1,1-Dichloroethane (1,1-DCA)	**0.41**	J	1.0	0.23	1	NA	2/18/10 15:30		190276	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	1	NA	2/18/10 15:30		190276	
1,2-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	2/18/10 15:30		190276	
1,2-Dichloroethane	1.0	U	1.0	0.17	1	NA	2/18/10 15:30		190276	
1,2-Dichloropropane	1.0	U	1.0	0.29	1	NA	2/18/10 15:30		190276	
1,3-Dichlorobenzene	1.0	U	1.0	0.16	1	NA	2/18/10 15:30		190276	
1,4-Dichlorobenzene	1.0	U	1.0	0.22	1	NA	2/18/10 15:30		190276	
2-Chloroethyl Vinyl Ether	10	U	10	0.51	1	NA	2/18/10 15:30		190276	
Acrolein	10	U	10	4.2	1	NA	2/18/10 15:30		190276	
Acrylonitrile	10	U	10	1.2	1	NA	2/18/10 15:30		190276	
Benzene	1.0	U	1.0	0.16	1	NA	2/18/10 15:30		190276	
Bromodichloromethane	1.0	U	1.0	0.16	1	NA	2/18/10 15:30		190276	
Bromoform	1.0	U	1.0	0.24	1	NA	2/18/10 15:30		190276	
Bromomethane	1.0	U	1.0	0.33	1	NA	2/18/10 15:30		190276	
Carbon Tetrachloride	1.0	U	1.0	0.23	1	NA	2/18/10 15:30		190276	
Chlorobenzene	1.0	U	1.0	0.21	1	NA	2/18/10 15:30		190276	
Chloroethane	**0.82**	J	1.0	0.30	1	NA	2/18/10 15:30		190276	
Chloroform	1.0	U	1.0	0.17	1	NA	2/18/10 15:30		190276	
Chloromethane	1.0	U	1.0	0.22	1	NA	2/18/10 15:30		190276	
Chlorodibromomethane	1.0	U	1.0	0.29	1	NA	2/18/10 15:30		190276	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.24	1	NA	2/18/10 15:30		190276	
Methylene Chloride	1.0	U	1.0	0.20	1	NA	2/18/10 15:30		190276	
Ethylbenzene	1.0	U	1.0	0.15	1	NA	2/18/10 15:30		190276	
Tetrachloroethene (PCE)	1.0	U	1.0	0.22	1	NA	2/18/10 15:30		190276	
Toluene	1.0	U	1.0	0.16	1	NA	2/18/10 15:30		190276	
Trichloroethene (TCE)	1.0	U	1.0	0.17	1	NA	2/18/10 15:30		190276	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.15	1	NA	2/18/10 15:30		190276	
Vinyl Chloride	1.0	U	1.0	0.25	1	NA	2/18/10 15:30		190276	
cis-1,3-Dichloropropene	1.0	U	1.0	0.19	1	NA	2/18/10 15:30		190276	
trans-1,2-Dichloroethene	1.0	U	1.0	0.28	1	NA	2/18/10 15:30		190276	
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	NA	2/18/10 15:30		190276	

Comments

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000822
Project:	GE -Pittsfield NPDES 2/10	**Date Collected:**	2/15/10 0700
Sample Matrix:	Water	**Date Received:**	2/16/10
Sample Name:	64G-1Q2M-2X-GV	**Units:**	µg/L
Lab Code:	R1000822-002	**Basis:**	NA

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

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
1,2-Dichloroethane-d4	86	79-123	2/18/10 15:30		
4-Bromofluorobenzene	96	82-117	2/18/10 15:30		
Toluene-d8	108	83-120	2/18/10 15:30		

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000822
Project:	GE -Pittsfield NPDES 2/10	**Date Collected:**	2/15/10 0700
Sample Matrix:	Water	**Date Received:**	2/16/10
Sample Name:	64G-1Q2M-2X-GV	**Units:**	µg/L
Lab Code:	R1000822-002	**Basis:**	NA
Run Type:	Reanalysis		

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

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.18	1	NA	2/19/10 13:42		190582	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	1	NA	2/19/10 13:42		190582	
1,1,2-Trichloroethane	1.0	U	1.0	0.27	1	NA	2/19/10 13:42		190582	
1,1-Dichloroethane (1,1-DCA)	**0.33**	J	1.0	0.23	1	NA	2/19/10 13:42		190582	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	1	NA	2/19/10 13:42		190582	
1,2-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	2/19/10 13:42		190582	
1,2-Dichloroethane	1.0	U	1.0	0.17	1	NA	2/19/10 13:42		190582	
1,2-Dichloropropane	1.0	U	1.0	0.29	1	NA	2/19/10 13:42		190582	
1,3-Dichlorobenzene	1.0	U	1.0	0.16	1	NA	2/19/10 13:42		190582	
1,4-Dichlorobenzene	1.0	U	1.0	0.22	1	NA	2/19/10 13:42		190582	
2-Chloroethyl Vinyl Ether	10	U	10	0.51	1	NA	2/19/10 13:42		190582	
Acrolein	10	U	10	4.2	1	NA	2/19/10 13:42		190582	
Acrylonitrile	10	U	10	1.2	1	NA	2/19/10 13:42		190582	
Benzene	1.0	U	1.0	0.16	1	NA	2/19/10 13:42		190582	
Bromodichloromethane	1.0	U	1.0	0.16	1	NA	2/19/10 13:42		190582	
Bromoform	1.0	U	1.0	0.24	1	NA	2/19/10 13:42		190582	
Bromomethane	1.0	U	1.0	0.33	1	NA	2/19/10 13:42		190582	
Carbon Tetrachloride	1.0	U	1.0	0.23	1	NA	2/19/10 13:42		190582	
Chlorobenzene	1.0	U	1.0	0.21	1	NA	2/19/10 13:42		190582	
Chloroethane	**0.62**	J	1.0	0.30	1	NA	2/19/10 13:42		190582	
Chloroform	1.0	U	1.0	0.17	1	NA	2/19/10 13:42		190582	
Chloromethane	1.0	U	1.0	0.22	1	NA	2/19/10 13:42		190582	
Chlorodibromomethane	1.0	U	1.0	0.29	1	NA	2/19/10 13:42		190582	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.24	1	NA	2/19/10 13:42		190582	
Methylene Chloride	1.0	U	1.0	0.20	1	NA	2/19/10 13:42		190582	
Ethylbenzene	1.0	U	1.0	0.15	1	NA	2/19/10 13:42		190582	
Tetrachloroethene (PCE)	1.0	U	1.0	0.22	1	NA	2/19/10 13:42		190582	
Toluene	1.0	U	1.0	0.16	1	NA	2/19/10 13:42		190582	
Trichloroethene (TCE)	1.0	U	1.0	0.17	1	NA	2/19/10 13:42		190582	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.15	1	NA	2/19/10 13:42		190582	
Vinyl Chloride	1.0	U	1.0	0.25	1	NA	2/19/10 13:42		190582	
cis-1,3-Dichloropropene	1.0	U	1.0	0.19	1	NA	2/19/10 13:42		190582	
trans-1,2-Dichloroethene	1.0	U	1.0	0.28	1	NA	2/19/10 13:42		190582	
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	NA	2/19/10 13:42		190582	

Comments

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000822
Project:	GE -Pittsfield NPDES 2/10	**Date Collected:**	2/15/10 0700
Sample Matrix:	Water	**Date Received:**	2/16/10
Sample Name:	64G-1Q2M-2X-GV	**Units:**	µg/L
Lab Code:	R1000822-002	**Basis:**	NA
Run Type:	Reanalysis		

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

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
1,2-Dichloroethane-d4	91	79-123	2/19/10 13:42		
4-Bromofluorobenzene	106	82-117	2/19/10 13:42		
Toluene-d8	111	83-120	2/19/10 13:42		

Comments

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000822
Project:	GE -Pittsfield NPDES 2/10	**Date Collected:**	2/15/10 0700
Sample Matrix:	Water	**Date Received:**	2/16/10
Sample Name:	64G-1Q2M-2X-GS	**Units:**	µg/L
Lab Code:	R1000822-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
1,2,4-Trichlorobenzene	5.0	U	5.0	0.92	1	2/16/10	2/19/10 03:46	105996	190397	
1,2-Diphenylhydrazine	5.0	U	5.0	0.78	1	2/16/10	2/19/10 03:46	105996	190397	
2,4,6-Trichlorophenol	5.0	U	5.0	1.1	1	2/16/10	2/19/10 03:46	105996	190397	
2,4-Dichlorophenol	5.0	U	5.0	0.91	1	2/16/10	2/19/10 03:46	105996	190397	
2,4-Dimethylphenol	5.0	U	5.0	1.2	1	2/16/10	2/19/10 03:46	105996	190397	
2,4-Dinitrophenol	50	U	50	44	1	2/16/10	2/19/10 03:46	105996	190397	
2,4-Dinitrotoluene	5.0	U	5.0	1.3	1	2/16/10	2/19/10 03:46	105996	190397	
2,6-Dinitrotoluene	5.0	U	5.0	1.1	1	2/16/10	2/19/10 03:46	105996	190397	
2-Chloronaphthalene	5.0	U	5.0	0.55	1	2/16/10	2/19/10 03:46	105996	190397	
2-Chlorophenol	5.0	U	5.0	0.77	1	2/16/10	2/19/10 03:46	105996	190397	
2-Nitrophenol	5.0	U	5.0	0.87	1	2/16/10	2/19/10 03:46	105996	190397	
3,3'-Dichlorobenzidine	5.0	U	5.0	1.3	1	2/16/10	2/19/10 03:46	105996	190397	
4,6-Dinitro-2-methylphenol	50	U	50	24	1	2/16/10	2/19/10 03:46	105996	190397	
4-Bromophenyl Phenyl Ether	5.0	U	5.0	1.1	1	2/16/10	2/19/10 03:46	105996	190397	
4-Chloro-3-methylphenol	5.0	U	5.0	0.80	1	2/16/10	2/19/10 03:46	105996	190397	
4-Chlorophenyl Phenyl Ether	5.0	U	5.0	0.77	1	2/16/10	2/19/10 03:46	105996	190397	
4-Nitrophenol	50	U	50	12	1	2/16/10	2/19/10 03:46	105996	190397	
Acenaphthene	5.0	U	5.0	0.84	1	2/16/10	2/19/10 03:46	105996	190397	
Acenaphthylene	5.0	U	5.0	0.73	1	2/16/10	2/19/10 03:46	105996	190397	
Anthracene	5.0	U	5.0	0.59	1	2/16/10	2/19/10 03:46	105996	190397	
Benz(a)anthracene	5.0	U	5.0	0.78	1	2/16/10	2/19/10 03:46	105996	190397	
Benzidine	99	U	99	32	1	2/16/10	2/19/10 03:46	105996	190397	
Benzo(a)pyrene	5.0	U	5.0	0.63	1	2/16/10	2/19/10 03:46	105996	190397	
Benzo(b)fluoranthene	5.0	U	5.0	0.62	1	2/16/10	2/19/10 03:46	105996	190397	
Benzo(g,h,i)perylene	5.0	U	5.0	0.83	1	2/16/10	2/19/10 03:46	105996	190397	
Benzo(k)fluoranthene	5.0	U	5.0	0.96	1	2/16/10	2/19/10 03:46	105996	190397	
2,2'-Oxybis(1-chloropropane)	5.0	U	5.0	0.98	1	2/16/10	2/19/10 03:46	105996	190397	
Bis(2-chloroethoxy)methane	5.0	U	5.0	1.3	1	2/16/10	2/19/10 03:46	105996	190397	
Bis(2-chloroethyl) Ether	5.0	U	5.0	1.2	1	2/16/10	2/19/10 03:46	105996	190397	
Bis(2-ethylhexyl) Phthalate	5.0	U	5.0	1.7	1	2/16/10	2/19/10 03:46	105996	190397	
Butyl Benzyl Phthalate	5.0	U	5.0	0.90	1	2/16/10	2/19/10 03:46	105996	190397	
Chrysene	5.0	U	5.0	1.1	1	2/16/10	2/19/10 03:46	105996	190397	
Di-n-butyl Phthalate	5.0	U	5.0	2.1	1	2/16/10	2/19/10 03:46	105996	190397	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000822
Project:	GE -Pittsfield NPDES 2/10	**Date Collected:**	2/15/10 0700
Sample Matrix:	Water	**Date Received:**	2/16/10
Sample Name:	64G-1Q2M-2X-GS	**Units:**	µg/L
Lab Code:	R1000822-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
Di-n-octyl Phthalate	5.0	U	5.0	0.89	1	2/16/10	2/19/10 03:46	105996	190397	
Dibenz(a,h)anthracene	5.0	U	5.0	0.77	1	2/16/10	2/19/10 03:46	105996	190397	
Diethyl Phthalate	5.0	U	5.0	0.90	1	2/16/10	2/19/10 03:46	105996	190397	
Dimethyl Phthalate	5.0	U	5.0	0.74	1	2/16/10	2/19/10 03:46	105996	190397	
Fluoranthene	5.0	U	5.0	0.72	1	2/16/10	2/19/10 03:46	105996	190397	
Fluorene	5.0	U	5.0	0.76	1	2/16/10	2/19/10 03:46	105996	190397	
Hexachlorobenzene	5.0	U	5.0	0.96	1	2/16/10	2/19/10 03:46	105996	190397	
Hexachlorobutadiene	5.0	U	5.0	0.67	1	2/16/10	2/19/10 03:46	105996	190397	
Hexachlorocyclopentadiene	5.0	U	5.0	0.70	1	2/16/10	2/19/10 03:46	105996	190397	
Hexachloroethane	5.0	U	5.0	0.71	1	2/16/10	2/19/10 03:46	105996	190397	
Indeno(1,2,3-cd)pyrene	5.0	U	5.0	0.65	1	2/16/10	2/19/10 03:46	105996	190397	
Isophorone	5.0	U	5.0	0.96	1	2/16/10	2/19/10 03:46	105996	190397	
N-Nitrosodi-n-propylamine	5.0	U	5.0	1.1	1	2/16/10	2/19/10 03:46	105996	190397	
N-Nitrosodimethylamine	5.0	U	5.0	0.64	1	2/16/10	2/19/10 03:46	105996	190397	
N-Nitrosodiphenylamine	5.0	U	5.0	0.72	1	2/16/10	2/19/10 03:46	105996	190397	
Naphthalene	5.0	U	5.0	0.60	1	2/16/10	2/19/10 03:46	105996	190397	
Nitrobenzene	5.0	U	5.0	0.90	1	2/16/10	2/19/10 03:46	105996	190397	
Pentachlorophenol (PCP)	50	U	50	31	1	2/16/10	2/19/10 03:46	105996	190397	
Phenanthrene	5.0	U	5.0	0.71	1	2/16/10	2/19/10 03:46	105996	190397	
Phenol	5.0	U	5.0	0.55	1	2/16/10	2/19/10 03:46	105996	190397	
Pyrene	5.0	U	5.0	0.84	1	2/16/10	2/19/10 03:46	105996	190397	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
2,4,6-Tribromophenol	79	46-134	2/19/10 03:46		
2-Fluorobiphenyl	66	46-110	2/19/10 03:46		
2-Fluorophenol	41	12-84	2/19/10 03:46		
Nitrobenzene-d5	59	44-117	2/19/10 03:46		
Phenol-d6	25	10-70	2/19/10 03:46		
p-Terphenyl-d14	87	40-133	2/19/10 03:46		

Comments

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000822
Project:	GE -Pittsfield NPDES 2/10	**Date Collected:**	2/15/10 0700
Sample Matrix:	Water	**Date Received:**	2/16/10
Sample Name:	TRIP BLANK	**Units:**	µg/L
Lab Code:	R1000822-005	**Basis:**	NA

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

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.18	1	NA	2/18/10 16:07		190276	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	1	NA	2/18/10 16:07		190276	
1,1,2-Trichloroethane	1.0	U	1.0	0.27	1	NA	2/18/10 16:07		190276	
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.23	1	NA	2/18/10 16:07		190276	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	1	NA	2/18/10 16:07		190276	
1,2-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	2/18/10 16:07		190276	
1,2-Dichloroethane	1.0	U	1.0	0.17	1	NA	2/18/10 16:07		190276	
1,2-Dichloropropane	1.0	U	1.0	0.29	1	NA	2/18/10 16:07		190276	
1,3-Dichlorobenzene	1.0	U	1.0	0.16	1	NA	2/18/10 16:07		190276	
1,4-Dichlorobenzene	1.0	U	1.0	0.22	1	NA	2/18/10 16:07		190276	
2-Chloroethyl Vinyl Ether	10	U	10	0.51	1	NA	2/18/10 16:07		190276	
Acrolein	10	U	10	4.2	1	NA	2/18/10 16:07		190276	
Acrylonitrile	10	U	10	1.2	1	NA	2/18/10 16:07		190276	
Benzene	1.0	U	1.0	0.16	1	NA	2/18/10 16:07		190276	
Bromodichloromethane	1.0	U	1.0	0.16	1	NA	2/18/10 16:07		190276	
Bromoform	1.0	U	1.0	0.24	1	NA	2/18/10 16:07		190276	
Bromomethane	1.0	U	1.0	0.33	1	NA	2/18/10 16:07		190276	
Carbon Tetrachloride	1.0	U	1.0	0.23	1	NA	2/18/10 16:07		190276	
Chlorobenzene	1.0	U	1.0	0.21	1	NA	2/18/10 16:07		190276	
Chloroethane	1.0	U	1.0	0.30	1	NA	2/18/10 16:07		190276	
Chloroform	1.0	U	1.0	0.17	1	NA	2/18/10 16:07		190276	
Chloromethane	1.0	U	1.0	0.22	1	NA	2/18/10 16:07		190276	
Chlorodibromomethane	1.0	U	1.0	0.29	1	NA	2/18/10 16:07		190276	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.24	1	NA	2/18/10 16:07		190276	
Methylene Chloride	**0.83**	J	1.0	0.20	1	NA	2/18/10 16:07		190276	
Ethylbenzene	1.0	U	1.0	0.15	1	NA	2/18/10 16:07		190276	
Tetrachloroethene (PCE)	1.0	U	1.0	0.22	1	NA	2/18/10 16:07		190276	
Toluene	1.0	U	1.0	0.16	1	NA	2/18/10 16:07		190276	
Trichloroethene (TCE)	1.0	U	1.0	0.17	1	NA	2/18/10 16:07		190276	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.15	1	NA	2/18/10 16:07		190276	
Vinyl Chloride	1.0	U	1.0	0.25	1	NA	2/18/10 16:07		190276	
cis-1,3-Dichloropropene	1.0	U	1.0	0.19	1	NA	2/18/10 16:07		190276	
trans-1,2-Dichloroethene	1.0	U	1.0	0.28	1	NA	2/18/10 16:07		190276	
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	NA	2/18/10 16:07		190276	

Comments

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000822
Project:	GE -Pittsfield NPDES 2/10	**Date Collected:**	2/15/10 0700
Sample Matrix:	Water	**Date Received:**	2/16/10
Sample Name:	TRIP BLANK	**Units:**	µg/L
Lab Code:	R1000822-005	**Basis:**	NA

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

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
1,2-Dichloroethane-d4	85	79-123	2/18/10 16:07		
4-Bromofluorobenzene	98	82-117	2/18/10 16:07		
Toluene-d8	110	83-120	2/18/10 16:07		

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000822
Project:	GE -Pittsfield NPDES 2/10	**Date Collected:**	2/15/10 0700
Sample Matrix:	Water	**Date Received:**	2/16/10
Sample Name:	TRIP BLANK	**Units:**	µg/L
Lab Code:	R1000822-005	**Basis:**	NA
Run Type:	Reanalysis		

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

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.18	1	NA	2/19/10 14:20		190582	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	1	NA	2/19/10 14:20		190582	
1,1,2-Trichloroethane	1.0	U	1.0	0.27	1	NA	2/19/10 14:20		190582	
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.23	1	NA	2/19/10 14:20		190582	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	1	NA	2/19/10 14:20		190582	
1,2-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	2/19/10 14:20		190582	
1,2-Dichloroethane	1.0	U	1.0	0.17	1	NA	2/19/10 14:20		190582	
1,2-Dichloropropane	1.0	U	1.0	0.29	1	NA	2/19/10 14:20		190582	
1,3-Dichlorobenzene	1.0	U	1.0	0.16	1	NA	2/19/10 14:20		190582	
1,4-Dichlorobenzene	1.0	U	1.0	0.22	1	NA	2/19/10 14:20		190582	
2-Chloroethyl Vinyl Ether	10	U	10	0.51	1	NA	2/19/10 14:20		190582	
Acrolein	10	U	10	4.2	1	NA	2/19/10 14:20		190582	
Acrylonitrile	10	U	10	1.2	1	NA	2/19/10 14:20		190582	
Benzene	1.0	U	1.0	0.16	1	NA	2/19/10 14:20		190582	
Bromodichloromethane	1.0	U	1.0	0.16	1	NA	2/19/10 14:20		190582	
Bromoform	1.0	U	1.0	0.24	1	NA	2/19/10 14:20		190582	
Bromomethane	1.0	U	1.0	0.33	1	NA	2/19/10 14:20		190582	
Carbon Tetrachloride	1.0	U	1.0	0.23	1	NA	2/19/10 14:20		190582	
Chlorobenzene	1.0	U	1.0	0.21	1	NA	2/19/10 14:20		190582	
Chloroethane	1.0	U	1.0	0.30	1	NA	2/19/10 14:20		190582	
Chloroform	1.0	U	1.0	0.17	1	NA	2/19/10 14:20		190582	
Chloromethane	1.0	U	1.0	0.22	1	NA	2/19/10 14:20		190582	
Chlorodibromomethane	1.0	U	1.0	0.29	1	NA	2/19/10 14:20		190582	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.24	1	NA	2/19/10 14:20		190582	
Methylene Chloride	**0.84**	J	1.0	0.20	1	NA	2/19/10 14:20		190582	
Ethylbenzene	1.0	U	1.0	0.15	1	NA	2/19/10 14:20		190582	
Tetrachloroethene (PCE)	1.0	U	1.0	0.22	1	NA	2/19/10 14:20		190582	
Toluene	1.0	U	1.0	0.16	1	NA	2/19/10 14:20		190582	
Trichloroethene (TCE)	1.0	U	1.0	0.17	1	NA	2/19/10 14:20		190582	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.15	1	NA	2/19/10 14:20		190582	
Vinyl Chloride	1.0	U	1.0	0.25	1	NA	2/19/10 14:20		190582	
cis-1,3-Dichloropropene	1.0	U	1.0	0.19	1	NA	2/19/10 14:20		190582	
trans-1,2-Dichloroethene	1.0	U	1.0	0.28	1	NA	2/19/10 14:20		190582	
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	NA	2/19/10 14:20		190582	

Comments

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000822
Project:	GE -Pittsfield NPDES 2/10	**Date Collected:**	2/15/10 0700
Sample Matrix:	Water	**Date Received:**	2/16/10
Sample Name:	TRIP BLANK	**Units:**	µg/L
Lab Code:	R1000822-005	**Basis:**	NA
Run Type:	Reanalysis		

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

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
1,2-Dichloroethane-d4	94	79-123	2/19/10 14:20		
4-Bromofluorobenzene	102	82-117	2/19/10 14:20		
Toluene-d8	110	83-120	2/19/10 14:20		

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000822
Project:	GE -Pittsfield NPDES 2/10	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1001233-01	**Basis:**	NA

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

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.18	1	NA	2/18/10 14:50		190276	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	1	NA	2/18/10 14:50		190276	
1,1,2-Trichloroethane	1.0	U	1.0	0.27	1	NA	2/18/10 14:50		190276	
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.23	1	NA	2/18/10 14:50		190276	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	1	NA	2/18/10 14:50		190276	
1,2-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	2/18/10 14:50		190276	
1,2-Dichloroethane	1.0	U	1.0	0.17	1	NA	2/18/10 14:50		190276	
1,2-Dichloropropane	1.0	U	1.0	0.29	1	NA	2/18/10 14:50		190276	
1,3-Dichlorobenzene	1.0	U	1.0	0.16	1	NA	2/18/10 14:50		190276	
1,4-Dichlorobenzene	1.0	U	1.0	0.22	1	NA	2/18/10 14:50		190276	
2-Chloroethyl Vinyl Ether	10	U	10	0.51	1	NA	2/18/10 14:50		190276	
Acrolein	10	U	10	4.2	1	NA	2/18/10 14:50		190276	
Acrylonitrile	10	U	10	1.2	1	NA	2/18/10 14:50		190276	
Benzene	1.0	U	1.0	0.16	1	NA	2/18/10 14:50		190276	
Bromodichloromethane	1.0	U	1.0	0.16	1	NA	2/18/10 14:50		190276	
Bromoform	1.0	U	1.0	0.24	1	NA	2/18/10 14:50		190276	
Bromomethane	1.0	U	1.0	0.33	1	NA	2/18/10 14:50		190276	
Carbon Tetrachloride	1.0	U	1.0	0.23	1	NA	2/18/10 14:50		190276	
Chlorobenzene	1.0	U	1.0	0.21	1	NA	2/18/10 14:50		190276	
Chloroethane	1.0	U	1.0	0.30	1	NA	2/18/10 14:50		190276	
Chloroform	1.0	U	1.0	0.17	1	NA	2/18/10 14:50		190276	
Chloromethane	1.0	U	1.0	0.22	1	NA	2/18/10 14:50		190276	
Chlorodibromomethane	1.0	U	1.0	0.29	1	NA	2/18/10 14:50		190276	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.24	1	NA	2/18/10 14:50		190276	
Methylene Chloride	1.0	U	1.0	0.20	1	NA	2/18/10 14:50		190276	
Ethylbenzene	1.0	U	1.0	0.15	1	NA	2/18/10 14:50		190276	
Tetrachloroethene (PCE)	1.0	U	1.0	0.22	1	NA	2/18/10 14:50		190276	
Toluene	1.0	U	1.0	0.16	1	NA	2/18/10 14:50		190276	
Trichloroethene (TCE)	1.0	U	1.0	0.17	1	NA	2/18/10 14:50		190276	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.15	1	NA	2/18/10 14:50		190276	
Vinyl Chloride	1.0	U	1.0	0.25	1	NA	2/18/10 14:50		190276	
cis-1,3-Dichloropropene	1.0	U	1.0	0.19	1	NA	2/18/10 14:50		190276	
trans-1,2-Dichloroethene	1.0	U	1.0	0.28	1	NA	2/18/10 14:50		190276	
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	NA	2/18/10 14:50		190276	

Comments

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000822
Project:	GE -Pittsfield NPDES 2/10	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1001233-01	**Basis:**	NA

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

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
1,2-Dichloroethane-d4	82	79-123	2/18/10 14:50		
4-Bromofluorobenzene	97	82-117	2/18/10 14:50		
Toluene-d8	110	83-120	2/18/10 14:50		

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000822
Project:	GE -Pittsfield NPDES 2/10	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1001273-01	**Basis:**	NA

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

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.18	1	NA	2/19/10 12:25		190582	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	1	NA	2/19/10 12:25		190582	
1,1,2-Trichloroethane	1.0	U	1.0	0.27	1	NA	2/19/10 12:25		190582	
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.23	1	NA	2/19/10 12:25		190582	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	1	NA	2/19/10 12:25		190582	
1,2-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	2/19/10 12:25		190582	
1,2-Dichloroethane	1.0	U	1.0	0.17	1	NA	2/19/10 12:25		190582	
1,2-Dichloropropane	1.0	U	1.0	0.29	1	NA	2/19/10 12:25		190582	
1,3-Dichlorobenzene	1.0	U	1.0	0.16	1	NA	2/19/10 12:25		190582	
1,4-Dichlorobenzene	1.0	U	1.0	0.22	1	NA	2/19/10 12:25		190582	
2-Chloroethyl Vinyl Ether	10	U	10	0.51	1	NA	2/19/10 12:25		190582	
Acrolein	10	U	10	4.2	1	NA	2/19/10 12:25		190582	
Acrylonitrile	10	U	10	1.2	1	NA	2/19/10 12:25		190582	
Benzene	1.0	U	1.0	0.16	1	NA	2/19/10 12:25		190582	
Bromodichloromethane	1.0	U	1.0	0.16	1	NA	2/19/10 12:25		190582	
Bromoform	1.0	U	1.0	0.24	1	NA	2/19/10 12:25		190582	
Bromomethane	1.0	U	1.0	0.33	1	NA	2/19/10 12:25		190582	
Carbon Tetrachloride	1.0	U	1.0	0.23	1	NA	2/19/10 12:25		190582	
Chlorobenzene	1.0	U	1.0	0.21	1	NA	2/19/10 12:25		190582	
Chloroethane	1.0	U	1.0	0.30	1	NA	2/19/10 12:25		190582	
Chloroform	1.0	U	1.0	0.17	1	NA	2/19/10 12:25		190582	
Chloromethane	1.0	U	1.0	0.22	1	NA	2/19/10 12:25		190582	
Chlorodibromomethane	1.0	U	1.0	0.29	1	NA	2/19/10 12:25		190582	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.24	1	NA	2/19/10 12:25		190582	
Methylene Chloride	1.0	U	1.0	0.20	1	NA	2/19/10 12:25		190582	
Ethylbenzene	1.0	U	1.0	0.15	1	NA	2/19/10 12:25		190582	
Tetrachloroethene (PCE)	1.0	U	1.0	0.22	1	NA	2/19/10 12:25		190582	
Toluene	1.0	U	1.0	0.16	1	NA	2/19/10 12:25		190582	
Trichloroethene (TCE)	1.0	U	1.0	0.17	1	NA	2/19/10 12:25		190582	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.15	1	NA	2/19/10 12:25		190582	
Vinyl Chloride	1.0	U	1.0	0.25	1	NA	2/19/10 12:25		190582	
cis-1,3-Dichloropropene	1.0	U	1.0	0.19	1	NA	2/19/10 12:25		190582	
trans-1,2-Dichloroethene	1.0	U	1.0	0.28	1	NA	2/19/10 12:25		190582	
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	NA	2/19/10 12:25		190582	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000822
Project:	GE -Pittsfield NPDES 2/10	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1001273-01	**Basis:**	NA

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

Analytical Method: 624

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
1,2-Dichloroethane-d4	89	79-123	2/19/10 12:25		
4-Bromofluorobenzene	105	82-117	2/19/10 12:25		
Toluene-d8	111	83-120	2/19/10 12:25		

Comments

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000822
Project:	GE -Pittsfield NPDES 2/10	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1001116-04	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
1,2,4-Trichlorobenzene	5.0	U	5.0	0.92	1	2/16/10	2/18/10 18:54	105996	190397	
1,2-Diphenylhydrazine	5.0	U	5.0	0.78	1	2/16/10	2/18/10 18:54	105996	190397	
2,4,6-Trichlorophenol	5.0	U	5.0	1.1	1	2/16/10	2/18/10 18:54	105996	190397	
2,4-Dichlorophenol	5.0	U	5.0	0.91	1	2/16/10	2/18/10 18:54	105996	190397	
2,4-Dimethylphenol	5.0	U	5.0	1.2	1	2/16/10	2/18/10 18:54	105996	190397	
2,4-Dinitrophenol	50	U	50	44	1	2/16/10	2/18/10 18:54	105996	190397	
2,4-Dinitrotoluene	5.0	U	5.0	1.3	1	2/16/10	2/18/10 18:54	105996	190397	
2,6-Dinitrotoluene	5.0	U	5.0	1.1	1	2/16/10	2/18/10 18:54	105996	190397	
2-Chloronaphthalene	5.0	U	5.0	0.55	1	2/16/10	2/18/10 18:54	105996	190397	
2-Chlorophenol	5.0	U	5.0	0.77	1	2/16/10	2/18/10 18:54	105996	190397	
2-Nitrophenol	5.0	U	5.0	0.87	1	2/16/10	2/18/10 18:54	105996	190397	
3,3'-Dichlorobenzidine	5.0	U	5.0	1.3	1	2/16/10	2/18/10 18:54	105996	190397	
4,6-Dinitro-2-methylphenol	50	U	50	24	1	2/16/10	2/18/10 18:54	105996	190397	
4-Bromophenyl Phenyl Ether	5.0	U	5.0	1.1	1	2/16/10	2/18/10 18:54	105996	190397	
4-Chloro-3-methylphenol	5.0	U	5.0	0.80	1	2/16/10	2/18/10 18:54	105996	190397	
4-Chlorophenyl Phenyl Ether	5.0	U	5.0	0.77	1	2/16/10	2/18/10 18:54	105996	190397	
4-Nitrophenol	50	U	50	12	1	2/16/10	2/18/10 18:54	105996	190397	
Acenaphthene	5.0	U	5.0	0.84	1	2/16/10	2/18/10 18:54	105996	190397	
Acenaphthylene	5.0	U	5.0	0.73	1	2/16/10	2/18/10 18:54	105996	190397	
Anthracene	5.0	U	5.0	0.59	1	2/16/10	2/18/10 18:54	105996	190397	
Benz(a)anthracene	5.0	U	5.0	0.78	1	2/16/10	2/18/10 18:54	105996	190397	
Benzidine	100	U	100	32	1	2/16/10	2/18/10 18:54	105996	190397	
Benzo(a)pyrene	5.0	U	5.0	0.63	1	2/16/10	2/18/10 18:54	105996	190397	
Benzo(b)fluoranthene	5.0	U	5.0	0.62	1	2/16/10	2/18/10 18:54	105996	190397	
Benzo(g,h,i)perylene	5.0	U	5.0	0.83	1	2/16/10	2/18/10 18:54	105996	190397	
Benzo(k)fluoranthene	5.0	U	5.0	0.96	1	2/16/10	2/18/10 18:54	105996	190397	
2,2'-Oxybis(1-chloropropane)	5.0	U	5.0	0.98	1	2/16/10	2/18/10 18:54	105996	190397	
Bis(2-chloroethoxy)methane	5.0	U	5.0	1.3	1	2/16/10	2/18/10 18:54	105996	190397	
Bis(2-chloroethyl) Ether	5.0	U	5.0	1.2	1	2/16/10	2/18/10 18:54	105996	190397	
Bis(2-ethylhexyl) Phthalate	5.0	U	5.0	1.7	1	2/16/10	2/18/10 18:54	105996	190397	
Butyl Benzyl Phthalate	5.0	U	5.0	0.90	1	2/16/10	2/18/10 18:54	105996	190397	
Chrysene	5.0	U	5.0	1.1	1	2/16/10	2/18/10 18:54	105996	190397	
Di-n-butyl Phthalate	5.0	U	5.0	2.1	1	2/16/10	2/18/10 18:54	105996	190397	

Comments

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1000822
Project:	GE -Pittsfield NPDES 2/10	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1001116-04	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
Di-n-octyl Phthalate	5.0	U	5.0	0.89	1	2/16/10	2/18/10 18:54	105996	190397	
Dibenz(a,h)anthracene	5.0	U	5.0	0.77	1	2/16/10	2/18/10 18:54	105996	190397	
Diethyl Phthalate	2.3	J	5.0	0.90	1	2/16/10	2/18/10 18:54	105996	190397	
Dimethyl Phthalate	5.0	U	5.0	0.74	1	2/16/10	2/18/10 18:54	105996	190397	
Fluoranthene	5.0	U	5.0	0.72	1	2/16/10	2/18/10 18:54	105996	190397	
Fluorene	5.0	U	5.0	0.76	1	2/16/10	2/18/10 18:54	105996	190397	
Hexachlorobenzene	5.0	U	5.0	0.96	1	2/16/10	2/18/10 18:54	105996	190397	
Hexachlorobutadiene	5.0	U	5.0	0.67	1	2/16/10	2/18/10 18:54	105996	190397	
Hexachlorocyclopentadiene	5.0	U	5.0	0.70	1	2/16/10	2/18/10 18:54	105996	190397	
Hexachloroethane	5.0	U	5.0	0.71	1	2/16/10	2/18/10 18:54	105996	190397	
Indeno(1,2,3-cd)pyrene	5.0	U	5.0	0.65	1	2/16/10	2/18/10 18:54	105996	190397	
Isophorone	5.0	U	5.0	0.96	1	2/16/10	2/18/10 18:54	105996	190397	
N-Nitrosodi-n-propylamine	5.0	U	5.0	1.1	1	2/16/10	2/18/10 18:54	105996	190397	
N-Nitrosodimethylamine	5.0	U	5.0	0.64	1	2/16/10	2/18/10 18:54	105996	190397	
N-Nitrosodiphenylamine	5.0	U	5.0	0.72	1	2/16/10	2/18/10 18:54	105996	190397	
Naphthalene	5.0	U	5.0	0.60	1	2/16/10	2/18/10 18:54	105996	190397	
Nitrobenzene	5.0	U	5.0	0.90	1	2/16/10	2/18/10 18:54	105996	190397	
Pentachlorophenol (PCP)	50	U	50	31	1	2/16/10	2/18/10 18:54	105996	190397	
Phenanthrene	5.0	U	5.0	0.71	1	2/16/10	2/18/10 18:54	105996	190397	
Phenol	5.0	U	5.0	0.55	1	2/16/10	2/18/10 18:54	105996	190397	
Pyrene	5.0	U	5.0	0.84	1	2/16/10	2/18/10 18:54	105996	190397	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
2,4,6-Tribromophenol	81	46-134	2/18/10 18:54		
2-Fluorobiphenyl	80	46-110	2/18/10 18:54		
2-Fluorophenol	47	12-84	2/18/10 18:54		
Nitrobenzene-d5	74	44-117	2/18/10 18:54		
Phenol-d6	32	10-70	2/18/10 18:54		
p-Terphenyl-d14	90	40-133	2/18/10 18:54		

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: General Electric Company
Project: GE -Pittsfield NPDES 2/10
Sample Matrix: Water

Service Request: R1000822
Date Analyzed: 2/18/10

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

Analytical Method: 624

Units: µg/L
Basis: NA

Analysis Lot: 190276

Analyte Name	Lab Control Sample RQ1001233-02 Result	Expected	% Rec		% Rec Limits
1,1,1-Trichloroethane (TCA)	**16.6**	20.0	83		52 - 162
1,1,2,2-Tetrachloroethane	**15.8**	20.0	79		46 - 157
1,1,2-Trichloroethane	**15.6**	20.0	78		52 - 150
1,1-Dichloroethane (1,1-DCA)	**22.5**	20.0	113		59 - 155
1,1-Dichloroethene (1,1-DCE)	**18.9**	20.0	95		0 - 234
1,2-Dichlorobenzene	**15.3**	20.0	77		18 - 190
1,2-Dichloroethane	**14.5**	20.0	73		49 - 155
1,2-Dichloropropane	**20.0**	20.0	100		0 - 210
1,3-Dichlorobenzene	**16.1**	20.0	80		59 - 156
1,4-Dichlorobenzene	**15.7**	20.0	78		18 - 190
2-Chloroethyl Vinyl Ether	**15.3**	20.0	77		0 - 305
Acrolein	**33.2**	100	33		10 - 174
Acrylonitrile	**102**	100	102		75 - 123
Benzene	**18.3**	20.0	92		37 - 151
Bromodichloromethane	**15.2**	20.0	76		35 - 155
Bromoform	**12.6**	20.0	63		45 - 169
Bromomethane	**21.0**	20.0	105		0 - 242
Carbon Tetrachloride	**13.0**	20.0	65	*	70 - 140
Chlorobenzene	**17.3**	20.0	86		37 - 160
Chloroethane	**24.0**	20.0	120		14 - 230
Chloroform	**20.1**	20.0	100		51 - 138
Chloromethane	**26.1**	20.0	131		0 - 273
Chlorodibromomethane	**14.0**	20.0	70		53 - 149
Dichlorodifluoromethane (CFC 12)	**20.0**	20.0	100		70 - 130
Methylene Chloride	**20.5**	20.0	103		0 - 221
Ethylbenzene	**16.7**	20.0	84		37 - 162
Tetrachloroethene (PCE)	**15.5**	20.0	77		64 - 148
Toluene	**17.2**	20.0	86		47 - 150
Trichloroethene (TCE)	**15.2**	20.0	76		71 - 157
Trichlorofluoromethane (CFC 11)	**16.4**	20.0	82		17 - 181
Vinyl Chloride	**22.7**	20.0	114		0 - 251
cis-1,3-Dichloropropene	**16.4**	20.0	82		0 - 227
trans-1,2-Dichloroethene	**20.2**	20.0	101		54 - 156
trans-1,3-Dichloropropene	**14.6**	20.0	73		17 - 183

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: General Electric Company
Project: GE -Pittsfield NPDES 2/10
Sample Matrix: Water

Service Request: R1000822
Date Analyzed: 2/19/10

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

Analytical Method: 624

Units: µg/L
Basis: NA

Analysis Lot: 190582

Analyte Name	Lab Control Sample RQ1001273-02 Result	Expected	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	**15.6**	20.0	78	52 - 162
1,1,2,2-Tetrachloroethane	**19.9**	20.0	100	46 - 157
1,1,2-Trichloroethane	**18.0**	20.0	90	52 - 150
1,1-Dichloroethane (1,1-DCA)	**20.6**	20.0	103	59 - 155
1,1-Dichloroethene (1,1-DCE)	**17.4**	20.0	87	0 - 234
1,2-Dichlorobenzene	**17.3**	20.0	86	18 - 190
1,2-Dichloroethane	**17.0**	20.0	85	49 - 155
1,2-Dichloropropane	**21.7**	20.0	108	0 - 210
1,3-Dichlorobenzene	**17.4**	20.0	87	59 - 156
1,4-Dichlorobenzene	**17.5**	20.0	87	18 - 190
2-Chloroethyl Vinyl Ether	**20.3**	20.0	102	0 - 305
Acrolein	**66.0**	100	66	10 - 174
Acrylonitrile	**122**	100	122	75 - 123
Benzene	**19.8**	20.0	99	37 - 151
Bromodichloromethane	**16.6**	20.0	83	35 - 155
Bromoform	**15.5**	20.0	77	45 - 169
Bromomethane	**19.8**	20.0	99	0 - 242
Carbon Tetrachloride	**14.0**	20.0	70	70 - 140
Chlorobenzene	**18.6**	20.0	93	37 - 160
Chloroethane	**23.5**	20.0	118	14 - 230
Chloroform	**19.0**	20.0	95	51 - 138
Chloromethane	**22.0**	20.0	110	0 - 273
Chlorodibromomethane	**16.9**	20.0	85	53 - 149
Dichlorodifluoromethane (CFC 12)	**15.6**	20.0	78	70 - 130
Methylene Chloride	**19.7**	20.0	99	0 - 221
Ethylbenzene	**17.5**	20.0	87	37 - 162
Tetrachloroethene (PCE)	**16.3**	20.0	81	64 - 148
Toluene	**18.4**	20.0	92	47 - 150
Trichloroethene (TCE)	**17.1**	20.0	85	71 - 157
Trichlorofluoromethane (CFC 11)	**15.5**	20.0	77	17 - 181
Vinyl Chloride	**20.7**	20.0	104	0 - 251
cis-1,3-Dichloropropene	**18.6**	20.0	93	0 - 227
trans-1,2-Dichloroethene	**18.9**	20.0	94	54 - 156
trans-1,3-Dichloropropene	**17.2**	20.0	86	17 - 183

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: General Electric Company
Project: GE -Pittsfield NPDES 2/10
Sample Matrix: Water

Service Request: R1000822
Date Analyzed: 2/18/10

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 105996

	Lab Control Sample RQ1001116-05				Duplicate Lab Control Sample RQ1001116-06					
Analyte Name	**Result**	**Expected**	**% Rec**		**Result**	**Expected**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	**70.4**	100	70		**70.3**	100	70	44 - 142	0	30
1,2-Diphenylhydrazine	**95.1**	100	95		**96.3**	100	96	64 - 114	1	30
2,4,6-Trichlorophenol	**101**	100	101		**104**	100	104	37 - 144	3	30
2,4-Dichlorophenol	**94.3**	100	94		**95.3**	100	95	39 - 135	1	30
2,4-Dimethylphenol	**61.3**	100	61		**65.8**	100	66	39 - 135	7	30
2,4-Dinitrophenol	**81.2**	100	81		**94.0**	100	94	0 - 191	15	30
2,4-Dinitrotoluene	**99.7**	100	100		**105**	100	105	39 - 139	5	30
2,6-Dinitrotoluene	**99.0**	100	99		**103**	100	103	50 - 158	4	30
2-Chloronaphthalene	**89.7**	100	90		**90.4**	100	90	60 - 118	1	30
2-Chlorophenol	**82.4**	100	82		**86.8**	100	87	23 - 134	5	30
2-Nitrophenol	**94.9**	100	95		**95.5**	100	96	29 - 182	1	30
3,3'-Dichlorobenzidine	**84.6**	100	85		**84.0**	100	84	0 - 262	1	30
4,6-Dinitro-2-methylphenol	**101**	100	101		**108**	100	108	0 - 181	7	30
4-Bromophenyl Phenyl Ether	**99.0**	100	99		**102**	100	102	53 - 127	3	30
4-Chloro-3-methylphenol	**95.2**	100	95		**97.4**	100	97	22 - 147	2	30
4-Chlorophenyl Phenyl Ether	**96.0**	100	96		**99.4**	100	99	25 - 158	4	30
4-Nitrophenol	**29.8**	100	30		**35.8**	100	36	0 - 132	18	30
Acenaphthene	**96.2**	100	96		**97.7**	100	98	47 - 145	2	30
Acenaphthylene	**99.5**	100	100		**101**	100	101	33 - 145	1	30
Anthracene	**96.8**	100	97		**97.9**	100	98	27 - 133	1	30
Benz(a)anthracene	**99.6**	100	100		**104**	100	104	33 - 143	4	30
Benzidine	**2.41**	100	2	*	**18.1**	100	18	10 - 110	153	* 30
Benzo(a)pyrene	**88.5**	100	88		**91.6**	100	92	17 - 163	3	30
Benzo(b)fluoranthene	**107**	100	107		**110**	100	110	24 - 159	3	30
Benzo(g,h,i)perylene	**103**	100	103		**105**	100	105	0 - 219	1	30
Benzo(k)fluoranthene	**104**	100	104		**111**	100	111	11 - 162	6	30
2,2'-Oxybis(1-chloropropane)	**90.3**	100	90		**91.9**	100	92	36 - 166	2	30
Bis(2-chloroethoxy)methane	**93.4**	100	93		**93.0**	100	93	33 - 184	0	30
Bis(2-chloroethyl) Ether	**86.0**	100	86		**86.3**	100	86	12 - 158	0	30
Bis(2-ethylhexyl) Phthalate	**98.7**	100	99		**105**	100	105	8 - 158	6	30
Butyl Benzyl Phthalate	**96.5**	100	96		**103**	100	103	0 - 152	6	30
Chrysene	**99.2**	100	99		**103**	100	103	17 - 168	4	30
Di-n-butyl Phthalate	**98.6**	100	99		**104**	100	104	1 - 118	5	30
Di-n-octyl Phthalate	**98.5**	100	99		**107**	100	107	4 - 146	8	30
Dibenz(a,h)anthracene	**102**	100	102		**104**	100	104	0 - 227	2	30
Diethyl Phthalate	**100**	100	100		**103**	100	103	0 - 114	3	30
Dimethyl Phthalate	**96.9**	100	97		**102**	100	102	0 - 112	5	30

Comments

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: General Electric Company
Project: GE -Pittsfield NPDES 2/10
Sample Matrix: Water

Service Request: R1000822
Date Analyzed: 2/18/10

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 105996

Analyte Name	Lab Control Sample RQ1001116-05 Result	Expected	% Rec	Duplicate Lab Control Sample RQ1001116-06 Result	Expected	% Rec	% Rec Limits	RPD	RPD Limit
Fluoranthene	**101**	100	101	**104**	100	104	26 - 137	3	30
Fluorene	**97.3**	100	97	**99.7**	100	100	59 - 121	2	30
Hexachlorobenzene	**101**	100	101	**105**	100	105	0 - 152	4	30
Hexachlorobutadiene	**70.4**	100	70	**69.5**	100	69	24 - 116	1	30
Hexachlorocyclopentadiene	**60.6**	100	61	**66.2**	100	66	10 - 130	9	30
Hexachloroethane	**60.5**	100	61	**60.4**	100	60	40 - 113	0	30
Indeno(1,2,3-cd)pyrene	**101**	100	101	**103**	100	103	0 - 171	2	30
Isophorone	**92.7**	100	93	**93.6**	100	94	21 - 196	1	30
N-Nitrosodi-n-propylamine	**81.6**	100	82	**83.9**	100	84	0 - 230	3	30
N-Nitrosodimethylamine	**48.1**	100	48	**48.4**	100	48	34 - 130	1	30
N-Nitrosodiphenylamine	**100**	100	100	**101**	100	101	50 - 117	1	30
Naphthalene	**78.2**	100	78	**76.0**	100	76	21 - 133	3	30
Nitrobenzene	**89.2**	100	89	**88.0**	100	88	35 - 180	1	30
Pentachlorophenol (PCP)	**92.7**	100	93	**101**	100	101	14 - 176	9	30
Phenanthrene	**103**	100	103	**104**	100	104	54 - 120	2	30
Phenol	**34.7**	100	35	**37.7**	100	38	5 - 112	8	30
Pyrene	**106**	100	106	**112**	100	112	52 - 115	5	30

Comments

Columbia Analytical Services — CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

SR #

CAS Contact

One Mustard St., Suite 250 • Rochester, NY 14609-0859(585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE 1 OF 2

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

Sampler's Signature: Kevin Bissonnault
Sampler's Printed Name: Kevin Bissonnault

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE: 1 | 0 | | | | | | 0 | | | | | | | |

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☐ 8260 ☐ 624 ☐ CLP	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	EPA 624	REMARKS/ ALTERNATE DESCRIPTION
646-1Q2M-2X-GV		2-15-10	7:00am	H_2O	3	X								
646-1Q2M-2X-GV		2-15-10	7:00am	H_2O	3								X	
646-1Q2M-2X-GS		2-15-10	7:00am	H_2O	1		X							
Trip Blank		2-15-10	7:00am	H_2O	3	X								
Trip Blank		2-15-10	7:00am	H_2O	3								X	

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

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

See QAPP

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

REPORT REQUIREMENTS
____ I. Results Only
____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
____ III. Results + QC and Calibration Summaries
X IV. Data Validation Report with F
____ V. Specialized Forms / Custom F
Edata ____ Yes ____ I

INVOICE INFORMATION
PO#
BILL TO:

R1000822
Veolia Water North America
GE -Pittsfield NPDES

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

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Kevin Bissonnault	Signature: Matthew Cann	Signature	Signature	Signature	Signature
Printed Name: Kevin Bissonnault	Printed Name: Matthew Cann	Printed Name	Printed Name	Printed Name	Printed Name
Firm: VWNA	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time: 2-15-10 2:00pm	Date/Time: 2/16/10 0945	Date/Time	Date/Time	Date/Time	Date/Time

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

SCOC-1102-08

000024

Cooler Receipt And Preservation Check Form

Project/Client Arcadis Submission Number 210-822

Cooler received on 2/16/10 by: BD **COURIER:** CAS (UPS) FEDEX VELOCITY CLIENT

1.	Were custody seals on outside of cooler?	(YES)	NO			
2.	Were custody papers properly filled out (ink, signed, etc.)?	(YES)	NO			
3.	Did all bottles arrive in good condition (unbroken)?	(YES)	NO			
4.	Did any VOA vials have significant* air bubbles?	YES	NO	(N/A)		
5.	Were **Ice** or **Ice packs** present?	(YES)	NO			
6.	Where did the bottles originate?	CAS/ROC, CLIENT				
7.	Temperature of cooler(s) upon receipt:	1				
	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: 2/16 @ 1040

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: NVM 2/16/10

Cooler Breakdown: Date: 2/16/10 by: BD

1.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?	(YES)	NO
2.	Did all bottle labels and tags agree with custody papers?	(YES)	NO
3.	Were correct containers used for the tests indicated?	(YES)	NO

4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated (N/A)

Explain any discrepancies: _____

pH	Reagent	YES	NO	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	NaOH								
≤2	HNO_3					10/2010 BD			
≤2	H_2SO_4			WC92064B	10/10	2/2010			
Residual Chlorine (-)	For TCN and Phenol			If present, contact PM to add ascorbic acid					
	$Na_2S_2O_3$	-	-			*Not to be tested before analysis – pH tested and recorded by VOAs or GenChem on a separate worksheet			
	Zn Aceta	-	-						
	HCl	*	*	11090801	1/11	1/2011 DP 2/2010			

Yes = All samples OK

No = Samples were preserved at lab as listed

PM OK to Adjust: _____

Bottle lot numbers: 121409-2XX, 072709-1DD, 9-308-001, 9-121-002, 072009-1CC

Other Comments:

PC Secondary Review: _____

*significant air bubbles are greater than 5-6 mm

H:\SMODOCS\Cooler Receipt 2.doc