GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

Transmitted via Overnight Courier

July 8, 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 June 2010 (GECD900)

Dear Mr. Tagliaferro and Mr. Gorski:

Enclosed are copies of General Electric's (GE's) monthly progress report for June 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/DGN
Richard W. Gates
Remediation Project Manager

Enclosure

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

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

June 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)
JUNE 2010

a. Activities Undertaken/Completed

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

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

b. Sampling/Test Results Received

- Sample results were received for sampling of topsoil and fill material at Bullard's Pit for PCBs, VOCs, SVOCs, and metals for potential use at various sites (see Tables G-1 and G-2).

- 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 May 1 through May 31, 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 draft follow-up plan to finding in October 2009 of residual oil in certain pipes located north of Building OP-2, and submit final plan.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

TABLE G-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JUNE 2010

GENERAL CONSENT DECREE ACTIVITIES
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Bullards Pit Topsoil Sampling	BULLARDS-FILL-C1	5/20/10	Soil	SGS	PCB, VOC, SVOC, Metals	6/11/10
Bullards Pit Topsoil Sampling	BULLARDS-TOPSOIL-C2	5/20/10	Soil	SGS	PCB, VOC, SVOC, Metals	6/11/10
Bullards Pit Topsoil Sampling	BULLARDS-TOPSOIL-C3	5/20/10	Soil	SGS	PCB, VOC, SVOC, Metals	6/11/10
Bullards Pit Topsoil Sampling	BULLARDS-TOPSOIL-C4	5/20/10	Soil	SGS	PCB, VOC, SVOC, Metals	6/11/10

TABLE G-2
DATA RECEIVED DURING JUNE 2010

BULLARDS PIT TOPSOIL SAMPLING
GENERAL CONSENT DECREE ACTIVITIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Date Collected:	Bullards-Fill-C1 05/20/10	Bullards-Topsoil-C2 05/20/10	Bullards-Topsoil-C3 05/20/10	Bullards-Topsoil-C4 05/20/10
Volatile Organics				
2-Butanone	ND(0.013) J	0.0082 J	ND(0.26) J	ND(0.25)
Acetone	0.13 J	0.15 J	ND(0.26) J	ND(0.25)
Ethylbenzene	ND(0.0050) J	ND(0.0056) J	ND(0.052) J	0.0056 J
Iodomethane	ND(0.0050) J	ND(0.0056) J	ND(0.052) J	0.013 J
Methylene Chloride	0.011 J	0.0072 J	0.021 J	ND(0.25)
Toluene	ND(0.0050) J	0.0024 J	0.029 J	0.11
PCBs				
None Detected	--	--	--	--
Semivolatile Organics				
3&4-Methylphenol	ND(0.34)	ND(0.38)	ND(0.36)	0.081 J
Inorganics				
Arsenic	1.13	1.45	1.04 B	2.06
Barium	31.3 B	25.5 B	26.1 B	38.1 B
Chromium	7.83	9.46	8.96	11.0
Cobalt	4.87	5.52	5.86	7.69
Copper	8.48 B	7.96 B	8.69 B	10.0 B
Lead	3.31	6.43	8.93	9.55
Mercury	ND(0.0395)	0.0408 B	0.0410 B	0.0403 B
Nickel	7.84	7.86	8.11	9.74
Selenium	0.651 B	1.03 B	ND(2.23)	1.70 B
Vanadium	7.44	14.0	12.6	16.2
Zinc	24.9	28.7	32.3	49.5

Notes:

1. Samples were collected by ARCADIS and submitted to SGS Environmental Services, Inc. for analysis of PCBs, volatiles, semivolatiles and metals.
2. Samples have been validated as part of a limited review including hold time, method blank, surrogate recovery, internal standard response, laboratory control sample/laboratory control sample duplicate (LCS/LCSD) and matrix spike/matrix spike duplicates (MS/MSD) analysis per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS (approved March 15, 2007 and re-submitted March 30, 2007).
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. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics (PCBs, volatiles, semivolatiles)
J - Indicates that the associated numerical value is an estimated concentration.

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

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Continue discussions with the Pittsfield Economic Development Authority (PEDA) relating to activities associated with future transfer of the 40s Complex to PEDA.

- Following EPA's final review of GE's December 2009 draft Revised Evaluation Report/Slab Plan for the 40s Complex, submit final Revised Evaluation Report/Slab Plan (see Item 1.e below).*

- 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

- EPA issued preliminary draft comments on GE's Revised Evaluation Report/Slab Plan in February 2010. In those comments, EPA indicated that it may have additional comments following receipt of a statement by PEDA regarding its plans for the temporary stockpile in the 40s Complex (which PEDA has provided to EPA). GE is waiting to submit a final Revised Evaluation Report/Slab Plan until EPA's final comments on the draft plan are received.*

- Draft Grant of Environmental Restriction and Easement (ERE) for the 40s Complex, submitted by PEDA on May 5, 2010, is under review by EPA and MDEP.*

f. Proposed/Approved Work Plan Modifications

None

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

a. Activities Undertaken/Completed

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

- Performed June 2010 dry weather flow inspection activities associated with Drainage Basins 005 and 006 under GE's NPDES Permit-related Baseline Monitoring Plan.

- Performed the third and final "baseline" effectiveness sampling event at Oil/Water Separator (OWS) 64Z, pursuant to GE's NPDES Permit Modification, as noted in Table 2-1.

- Installed influent and effluent flow sampling equipment at OWS 64X for the "baseline" effectiveness sampling program pursuant to GE's NPDES Permit Modification.

- Performed sampling of potential on-site fill sources (materials from Building 61 and certain roads) for PCBs, VOCs, SVOCs, and metals, as noted in Table 2-1.

- Performed waste characterization sampling on the Building 68 slab, with analyses for PCBs and using the Toxicity Characteristic Leaching Procedure (TCLP), 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.

- Completed baseline ambient air monitoring for PCBs in preparation for the initiation of remediation actions, as noted in Table 2-1.*

- Continued relocation of above-ground pipeline adjacent to Lyman Street.

- Remediation contractor (D.R. Billings) began mobilization of equipment and materials to site in preparation for initiation of remediation actions.*

b. Sampling/Test Results Received

See attached tables.

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

c. Work Plans/Reports/Documents Submitted

- Submitted Building 64G PCB Treatment Capability Study Report in accordance with NPDES Permit Modification to EPA and MDEP (June 10, 2010).

- Submitted Supplemental Information Package (SIP) (June 15, 2010).*

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

- Submit inventory of trees and shrubs that will be affected by remediation, along with revised planting plan (due to EPA by July 14, 2010).*

- Begin remediation actions in accordance with Final Removal Design/Removal Action (RD/RA) Work Plan and SIP.*

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

- Perform July 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 "baseline" effectiveness sampling for OWS 64W and 64X pursuant to GE's NPDES Permit Modification.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

Received EPA conditional approval letter for SIP (June 30, 2010).*

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

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 61 Pondsilt & Road Material Sampling	BLDG61-PONDSILT-C1	6/4/10	NA	Soil	SGS	PCB, SVOC, Metals	6/9/10
Building 61 Pondsilt & Road Material Sampling	BLDG61-PONDSILT-C1	6/4/10	NA	Soil	SGS	VOC	6/14/10
Building 61 Pondsilt & Road Material Sampling	ESA2-ROADMATERIAL-C1	6/4/10	NA	Soil	SGS	PCB, SVOC, Metals	6/9/10
Building 61 Pondsilt & Road Material Sampling	ESA2-ROADMATERIAL-C1	6/4/10	NA	Soil	SGS	VOC	6/14/10
Building 64G LPCA Monitoring	F10-64G-01	6/21/10	NA	Water	Columbia	VOC	6/30/10
Building 64G LPCA Monitoring	F10-64G-02	6/21/10	NA	Water	Columbia	VOC	6/30/10
Building 64G LPCA Monitoring	F10-64G-03	6/21/10	NA	Water	Columbia	VOC	6/30/10
Building 64G LPCA Monitoring	F10-64G-04	6/21/10	NA	Water	Columbia	VOC	6/30/10
Building 64G LPCA Monitoring	F10-64G-05	6/21/10	NA	Water	Columbia	SVOC	6/30/10
Building 64G LPCA Monitoring	F10-64G-06	6/21/10	NA	Water	Columbia	SVOC	6/30/10
Building 64G LPCA Monitoring	F10-64G-07	6/21/10	NA	Water	Columbia	SVOC	6/30/10
Building 64G LPCA Monitoring	F10-64G-08	6/21/10	NA	Water	Columbia	SVOC	6/30/10
Building 64G LPCA Monitoring	F10-64G-09	6/21/10	NA	Water	Columbia	VOC	Cancelled
Building 64G LPCA Monitoring	F10-64G-10	6/21/10	NA	Water	Columbia	VOC	Cancelled
Building 64G LPCA Monitoring	F10-64G-11	6/21/10	NA	Water	Columbia	VOC	Cancelled
Building 64G LPCA Monitoring	F10-64G-12	6/21/10	NA	Water	Columbia	VOC	Cancelled
Building 64T Filtercake Sludge Waste	Filtercake-1	5/18/10	NA	Sludge	SGS	PCB, TCLP	6/3/10
Building 64X Compressor Oil Sampling	C2743	5/18/10	NA	Oil	SGS	PCB	6/2/10
Building 64X Compressor Oil Sampling	C2744	5/18/10	NA	Oil	SGS	PCB	6/2/10
Building 68 Slab Characterization Sampling	ESA2-68SLAB-1	6/4/10	0-0.5	Concrete Dust	SGS	PCB	6/9/10
Building 68 Slab Characterization Sampling	ESA2-68SLAB-2	6/4/10	0-0.5	Concrete Dust	SGS	PCB	6/9/10
Building 68 Slab Characterization Sampling	ESA2-68SLAB-3	6/4/10	0-0.5	Concrete Dust	SGS	PCB	6/9/10
Building 68 Slab Characterization Sampling	ESA2-68SLAB-C1	6/4/10	0-0.5	Concrete Dust	SGS	TCLP - VOC, SVOC, Metals	6/9/10
Capability Study	CAP-A-051710	5/17/10	NA	Water	Columbia	TSS, TSS (f)	6/4/10
Capability Study	CAP-A-051710	5/17/10	NA	Water	SGS	PCB	6/1/10
Capability Study	CAP-B-051710	5/17/10	NA	Water	SGS	PCB	6/1/10
Capability Study	CAP-C-051710	5/17/10	NA	Water	SGS	PCB	6/1/10
Capability Study	CAP-CO-051710	5/17/10	NA	Water	SGS	PCB	6/1/10
Capability Study	CAP-D-051710	5/17/10	NA	Water	Columbia	TSS, TSS (f)	6/4/10
Capability Study	CAP-D-051710	5/17/10	NA	Water	SGS	PCB	6/1/10
Capability Study	CAP-DUP-16 (CAP-CO-051710)	5/17/10	NA	Water	SGS	PCB	6/1/10
Capability Study	CAP-IT-051710	5/17/10	NA	Water	SGS	PCB	6/1/10
Optimization Study	OPT-A-052710	5/27/10	NA	Water	Columbia	TSS, TSS (f)	6/17/10
Optimization Study	OPT-A-052710	5/27/10	NA	Water	SGS	PCB	6/10/10
Optimization Study	OPT-A-060410	6/4/10	NA	Water	Columbia	TSS, TSS (f)	6/17/10
Optimization Study	OPT-A-060410	6/4/10	NA	Water	SGS	PCB	6/14/10
Optimization Study	OPT-A-060610	6/6/10	NA	Water	Columbia	TSS, TSS (f)	6/17/10
Optimization Study	OPT-A-060610	6/6/10	NA	Water	SGS	PCB	6/17/10
Optimization Study	OPT-A-061310	6/13/10	NA	Water	Columbia	TSS, TSS (f)	
Optimization Study	OPT-A-061310	6/13/10	NA	Water	SGS	PCB	6/25/10
Optimization Study	OPT-A-062210	6/22/10	NA	Water	Columbia	TSS, TSS (f)	
Optimization Study	OPT-A-062210	6/22/10	NA	Water	SGS	PCB	
Optimization Study	OPT-B-052710	5/27/10	NA	Water	SGS	PCB	6/10/10

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

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
Optimization Study	OPT-B-060410	6/4/10	NA	Water	SGS	PCB	6/14/10
Optimization Study	OPT-B-060610	6/6/10	NA	Water	SGS	PCB	6/17/10
Optimization Study	OPT-B-061310	6/13/10	NA	Water	SGS	PCB	6/25/10
Optimization Study	OPT-B-062210	6/22/10	NA	Water	SGS	PCB	
Optimization Study	OPT-C-052710	5/27/10	NA	Water	SGS	PCB	6/10/10
Optimization Study	OPT-C-060410	6/4/10	NA	Water	SGS	PCB	6/14/10
Optimization Study	OPT-C-060610	6/6/10	NA	Water	SGS	PCB	6/17/10
Optimization Study	OPT-C-061310	6/13/10	NA	Water	SGS	PCB	6/25/10
Optimization Study	OPT-C-062210	6/22/10	NA	Water	SGS	PCB	
Optimization Study	OPT-CO-052710	5/27/10	NA	Water	SGS	PCB	6/10/10
Optimization Study	OPT-CO-060410	6/4/10	NA	Water	SGS	PCB	6/14/10
Optimization Study	OPT-CO-060610	6/6/10	NA	Water	SGS	PCB	6/17/10
Optimization Study	OPT-CO-061310	6/13/10	NA	Water	SGS	PCB	6/25/10
Optimization Study	OPT-CO-062210	6/22/10	NA	Water	SGS	PCB	
Optimization Study	OPT-D-052710	5/27/10	NA	Water	Columbia	TSS, TSS (f)	6/17/10
Optimization Study	OPT-D-052710	5/27/10	NA	Water	SGS	PCB	6/10/10
Optimization Study	OPT-D-060410	6/4/10	NA	Water	Columbia	TSS, TSS (f)	6/17/10
Optimization Study	OPT-D-060410	6/4/10	NA	Water	SGS	PCB	6/14/10
Optimization Study	OPT-D-060610	6/6/10	NA	Water	Columbia	TSS, TSS (f)	6/17/10
Optimization Study	OPT-D-060610	6/6/10	NA	Water	SGS	PCB	6/17/10
Optimization Study	OPT-D-061310	6/13/10	NA	Water	Columbia	TSS, TSS (f)	
Optimization Study	OPT-D-061310	6/13/10	NA	Water	SGS	PCB	6/25/10
Optimization Study	OPT-D-062210	6/22/10	NA	Water	Columbia	TSS, TSS (f)	
Optimization Study	OPT-D-062210	6/22/10	NA	Water	SGS	PCB	
Optimization Study	OPT-DUP-17 (OPT-A-060610)	6/6/10	NA	Water	SGS	PCB	6/17/10
Optimization Study	OPT-IT-052710	5/27/10	NA	Water	SGS	PCB	6/10/10
Optimization Study	OPT-IT-060410	6/4/10	NA	Water	SGS	PCB	6/14/10
Optimization Study	OPT-IT-060610	6/6/10	NA	Water	SGS	PCB	6/17/10
Optimization Study	OPT-IT-061310	6/13/10	NA	Water	SGS	PCB	6/25/10
Optimization Study	OPT-IT-062210	6/22/10	NA	Water	SGS	PCB	
OWS-64Z Baseline Sampling	OWS-64Z-EFF.	6/2/10	NA	Water	Columbia	TSS	
OWS-64Z Baseline Sampling	OWS-64Z-EFF.	6/2/10	NA	Water	SGS	PCB	6/9/10
OWS-64Z Baseline Sampling	OWS-64Z-INF.	6/2/10	NA	Water	Columbia	TSS	
OWS-64Z Baseline Sampling	OWS-64Z-INF.	6/2/10	NA	Water	SGS	PCB	6/9/10
PCB Ambient Air Sampling	ES2S-1	05/27/10-05/28/10	NA	Air	NEA	PCB	6/10/2010
PCB Ambient Air Sampling	ES2S-2	05/27/10-05/28/10	NA	Air	NEA	PCB	6/10/2010
PCB Ambient Air Sampling	ES2S-2CO (colocated)	05/27/10-05/28/10	NA	Air	NEA	PCB	6/10/2010
PCB Ambient Air Sampling	ES2S-3	05/27/10-05/28/10	NA	Air	NEA	PCB	6/10/2010
PCB Ambient Air Sampling	ES2S-4	05/27/10-05/28/10	NA	Air	NEA	PCB	6/10/2010
PCB Ambient Air Sampling	ES2S-5	05/27/10-05/28/10	NA	Air	NEA	PCB	6/10/2010
PCB Ambient Air Sampling	ES2S-6	05/27/10-05/28/10	NA	Air	NEA	PCB	6/10/2010
PCB Ambient Air Sampling	ES2S-7	05/27/10-05/28/10	NA	Air	NEA	PCB	6/10/2010
PCB Ambient Air Sampling	ES2S-8	05/27/10-05/28/10	NA	Air	NEA	PCB	6/10/2010
PCB Ambient Air Sampling	ES2S-9	05/27/10-05/28/10	NA	Air	NEA	PCB	6/10/2010

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

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
PCB Ambient Air Sampling	Background - East of Building 9B	05/27/10-05/28/10	NA	Air	NEA	PCB	6/10/2010
PCB Ambient Air Sampling	ES2S-1	06/02/10-06/03/10	NA	Air	NEA	PCB	6/10/2010
PCB Ambient Air Sampling	ES2S-2	06/02/10-06/03/10	NA	Air	NEA	PCB	6/10/2010
PCB Ambient Air Sampling	ES2S-2CO (colocated)	06/02/10-06/03/10	NA	Air	NEA	PCB	6/10/2010
PCB Ambient Air Sampling	ES2S-3	06/02/10-06/03/10	NA	Air	NEA	PCB	6/10/2010
PCB Ambient Air Sampling	ES2S-4	06/02/10-06/03/10	NA	Air	NEA	PCB	6/10/2010
PCB Ambient Air Sampling	ES2S-5	06/02/10-06/03/10	NA	Air	NEA	PCB	6/10/2010
PCB Ambient Air Sampling	ES2S-6	06/02/10-06/03/10	NA	Air	NEA	PCB	6/10/2010
PCB Ambient Air Sampling	ES2S-7	06/02/10-06/03/10	NA	Air	NEA	PCB	6/10/2010
PCB Ambient Air Sampling	ES2S-8	06/02/10-06/03/10	NA	Air	NEA	PCB	6/10/2010
PCB Ambient Air Sampling	ES2S-9	06/02/10-06/03/10	NA	Air	NEA	PCB	6/10/2010
PCB Ambient Air Sampling	Background - East of Building 9B	06/02/10-06/03/10	NA	Air	NEA	PCB	6/10/2010

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

TABLE 2-2
PCB DATA RECEIVED DURING JUNE 2010

BUILDING 68 SLAB CHARACTERIZATION SAMPLING
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
ESA2-68SLAB-1	6/4/2010	ND(0.33)	2.4	ND(0.33)	2.4
ESA2-68SLAB-2	6/4/2010	ND(1.5)	9.7	14	23.7
ESA2-68SLAB-3	6/4/2010	ND(0.031)	0.13	0.22	0.35

Notes:

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

TABLE 2-3
TCLP DATA RECEIVED DURING JUNE 2010

BUILDING 68 SLAB CHARACTERIZATION SAMPLING
EAST STREET AREA 2-SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	ESA2-68SLAB-C1 6/4/2010
Volatile Organics		
1,1-Dichloroethene	0.7	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)
2-Butanone	200	ND(0.25)
Benzene	0.5	ND(0.010)
Carbon Tetrachloride	0.5	ND(0.010)
Chlorobenzene	100	ND(0.010)
Chloroform	6	ND(0.010)
Tetrachloroethene	0.7	ND(0.010)
Trichloroethene	0.5	ND(0.010)
Vinyl Chloride	0.2	ND(0.010)
Semivolatile Organics		
1,4-Dichlorobenzene	7.5	ND(0.0060)
2,4,5-Trichlorophenol	400	ND(0.0060)
2,4,6-Trichlorophenol	2	ND(0.0060)
2,4-Dinitrotoluene	0.13	ND(0.0060)
Cresol	200	ND(0.0060)
Hexachlorobenzene	0.13	ND(0.0060)
Hexachlorobutadiene	0.5	ND(0.0060)
Hexachloroethane	3	ND(0.0060)
Nitrobenzene	2	ND(0.0060)
Pentachlorophenol	100	ND(0.029)
Pyridine	5	ND(0.0060)
Inorganics		
Arsenic	5	ND(0.200)
Barium	100	0.188 B
Cadmium	1	ND(0.100)
Chromium	5	0.0401 B
Lead	5	ND(0.100)
Mercury	0.2	ND(0.000570)
Selenium	1	ND(0.200)
Silver	5	0.0576 B

Notes:

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

Data Qualifiers:

Inorganics

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

TABLE 2-4
DATA RECEIVED DURING JUNE 2010

BUILDING 61 POND SILT AND ESA2 ROAD MATERIAL SAMPLING
EAST STREET AREA 2-SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Date Collected:	BLDG61-Pondsilt-C1 06/04/10	ESA2-Roadmaterial-C1 06/04/10
Volatile Organics		
None Detected	--	--
PCBs		
Aroclor-1254	0.034	0.18
Aroclor-1260	0.059	0.16
Total PCBs	0.093	0.34
Semivolatile Organics		
Aniline	0.40	ND(0.31)
Benzo(a)anthracene	ND(0.33)	0.20 J
Benzo(a)pyrene	ND(0.33)	0.22 J
Benzo(b)fluoranthene	ND(0.33)	0.31 J
Benzo(g,h,i)perylene	ND(0.33)	0.17 J
Benzo(k)fluoranthene	ND(0.33)	0.12 J
Chrysene	ND(0.33)	0.27 J
Dibenzo(a,h)anthracene	ND(0.33)	0.040 J
Fluoranthene	ND(0.33)	0.52
Indeno(1,2,3-cd)pyrene	ND(0.33)	0.14 J
Phenanthrene	ND(0.33)	0.31
Pyrene	ND(0.33)	0.46
Inorganics		
Arsenic	1.58	1.13
Barium	25.2 B	8.66 B
Cadmium	0.533	0.333 B
Chromium	7.20	3.43
Cobalt	5.63	3.69
Copper	10.8 B	11.5 B
Lead	8.43	4.99
Mercury	0.0157 B	0.00767 B
Nickel	7.72	4.57
Tin	0.761 B	ND(8.39)
Vanadium	8.02	5.81
Zinc	32.3	27.9

Notes:

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

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles)

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

Inorganics

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

TABLE 2-5
DATA RECEIVED DURING JUNE 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. 06/02/10	OWS-64Z-INF. 06/02/10
PCBs-Unfiltered		
Aroclor-1254	0.00098	0.00059
Aroclor-1260	0.0017	0.0011
Total PCBs	0.00268	0.00169

Notes:

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

TABLE 2-6
DATA RECEIVED DURING JUNE 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-051710 05/17/10	CAP-B-051710 05/17/10	CAP-C-051710 05/17/10	CAP-CO-051710 05/17/10	CAP-D-051710 05/17/10	CAP-IT-051710 05/17/10
PCBs-Unfiltered						
Aroclor-1254	0.00011	ND(0.000015)	ND(0.000015)	0.00040 [0.00039]	ND(0.000015)	0.0036
Aroclor-1260	0.000063	ND(0.000015)	ND(0.000015)	0.00020 [0.00021]	ND(0.000015)	0.0023
Total PCBs	0.000173	ND(0.000015)	ND(0.000015)	0.00060 [0.00060]	ND(0.000015)	0.0059
Conventional-Unfiltered						
Total Suspended Solids	1.10	NA	NA	NA	ND(1.00)	NA
Conventional-Filtered						
Total Suspended Solids	ND(1.00)	NA	NA	NA	ND(1.00)	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. With the exception of conventional parameters only those constituents detected in one or more samples are summarized.

TABLE 2-7
DATA RECEIVED DURING JUNE 2010

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

Parameter / Sample ID: / Date Collected:	OPT-A-052710 05/27/10	OPT-A-060410 06/04/10	OPT-A-060610 06/06/10	OPT-A-061310 06/13/10	OPT-B-052710 05/27/10	OPT-B-060410 06/04/10	OPT-B-060610 06/06/10	OPT-B-061310 06/13/10
PCBs-Unfiltered								
Aroclor-1248	ND(0.000015)	ND(0.000015)	ND(0.000015) [ND(0.000015)]	0.000096	ND(0.000015)	ND(0.000015)	ND(0.000015)	0.000099
Aroclor-1254	0.00032	0.00031	0.00017 [0.00017]	0.000057	ND(0.000015)	0.000066	0.000070	0.000034
Aroclor-1260	ND(0.000015)	ND(0.000015)	0.000085 [0.000080]	ND(0.000024)	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000024)
Total PCBs	0.00032	0.00031	0.000255 [0.00025]	0.000153	ND(0.000015)	0.000066	0.000070	0.000133
Conventional-Unfiltered								
Total Suspended Solids	2.30	5.70	3.40	NA	NA	NA	NA	NA
Conventional-Filtered								
Total Suspended Solids	1.30	4.60	2.30	NA	NA	NA	NA	NA

TABLE 2-7
DATA RECEIVED DURING JUNE 2010

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

Parameter / Sample ID: / Date Collected:	OPT-C-052710 05/27/10	OPT-C-060410 06/04/10	OPT-C-060610 06/06/10	OPT-C-061310 06/13/10	OPT-CO-052710 05/27/10	OPT-CO-060410 06/04/10	OPT-CO-060610 06/06/10	OPT-CO-061310 06/13/10
PCBs-Unfiltered								
Aroclor-1248	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000024)	ND(0.00077)	ND(0.000015)	ND(0.000015)	0.00011
Aroclor-1254	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000024)	0.0073	0.00024	0.00018	0.000097
Aroclor-1260	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000024)	ND(0.00077)	ND(0.000015)	0.00010	0.000051
Total PCBs	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000024)	0.0073	0.00024	0.00028	0.000258
Conventional-Unfiltered								
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA
Conventional-Filtered								
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 2-7
DATA RECEIVED DURING JUNE 2010

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

Parameter / Sample ID: / Date Collected:	OPT-D-052710 05/27/10	OPT-D-060410 06/04/10	OPT-D-060610 06/06/10	OPT-D-061310 06/13/10	OPT-IT-052710 05/27/10	OPT-IT-060410 06/04/10	OPT-IT-060610 06/06/10	OPT-IT-061310 06/13/10
PCBs-Unfiltered								
Aroclor-1248	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000024)	ND(0.000015)	ND(0.00031)	ND(0.00015)	0.00090
Aroclor-1254	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000024)	0.00025	0.0083	0.0016	0.0021
Aroclor-1260	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000024)	ND(0.000015)	0.0052	0.0017	0.0017
Total PCBs	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000024)	0.00025	0.0135	0.0033	0.0047
Conventional-Unfiltered								
Total Suspended Solids	ND(1.00)	ND(1.00)	ND(1.00)	NA	NA	NA	NA	NA
Conventional-Filtered								
Total Suspended Solids	ND(1.00)	ND(1.00)	ND(1.00)	NA	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.

TABLE 2-8
PCB DATA RECEIVED DURING JUNE 2010

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

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
C2743	5/18/2010	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)
C2744	5/18/2010	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)

Notes:

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

TABLE 2-9
PCB DATA RECEIVED DURING JUNE 2010

BUILDING 64T FILTERCAKE SLUDGE WASTE 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
Filtercake-1	5/18/2010	ND(0.69)	4.8	3.6	8.4

Notes:

1. Sample was collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 2-10 for a summary of TCLP constituents.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

TABLE 2-10
TCLP DATA RECEIVED DURING JUNE 2010

BUILDING 64T FILTERCAKE SLUDGE WASTE CHARACTERIZATION
EAST STREET AREA 2-SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	Filtercake-1 5/18/2010
Volatile Organics		
1,1-Dichloroethene	0.7	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)
2-Butanone	200	ND(0.25)
Benzene	0.5	ND(0.010)
Carbon Tetrachloride	0.5	ND(0.010)
Chlorobenzene	100	ND(0.010)
Chloroform	6	ND(0.010)
Tetrachloroethene	0.7	ND(0.010)
Trichloroethene	0.5	ND(0.010)
Vinyl Chloride	0.2	ND(0.010)
Semivolatile Organics		
1,4-Dichlorobenzene	7.5	ND(0.0060)
2,4,5-Trichlorophenol	400	ND(0.0060)
2,4,6-Trichlorophenol	2	ND(0.0060)
2,4-Dinitrotoluene	0.13	ND(0.0060)
Cresol	200	ND(0.0060)
Hexachlorobenzene	0.13	ND(0.0060)
Hexachlorobutadiene	0.5	ND(0.0060)
Hexachloroethane	3	ND(0.0060)
Nitrobenzene	2	ND(0.0060)
Pentachlorophenol	100	ND(0.031)
Pyridine	5	ND(0.0060)
Inorganics		
Arsenic	5	ND(0.200)
Barium	100	2.18 B
Cadmium	1	0.0237 B
Chromium	5	ND(0.100)
Lead	5	ND(0.100)
Mercury	0.2	ND(0.000570)
Selenium	1	0.0587 B
Silver	5	0.0677 B

Notes:

1. Sample was collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 2-9 for a summary of PCBs.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

Data Qualifiers:

Inorganics

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

TABLE 2-11
DATA RECEIVED DURING JUNE 2010

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

Parameter / Sample ID: / Date Collected:	F10-64G-01 06/21/10	F10-64G-02 06/21/10	F10-64G-03 06/21/10	F10-64G-04 06/21/10	F10-64G-05 06/21/10	F10-64G-06 06/21/10	F10-64G-07 06/21/10	F10-64G-08 06/21/10
Volatile Organics								
1,1,1-Trichloroethane	0.0011	0.0012	0.0011	0.00084 J	NA	NA	NA	NA
1,1-Dichloroethane	0.0020	0.0022	0.0025	0.0017	NA	NA	NA	NA
1,2-Dichlorobenzene	0.00053 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA
1,3-Dichlorobenzene	0.0056	0.0014	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA
1,4-Dichlorobenzene	0.016	0.00049 J	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA
Benzene	0.036	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA
Chlorobenzene	0.12	0.00028 J	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA
Chloroethane	0.0012	0.0012	0.0011	0.0010	NA	NA	NA	NA
Ethylbenzene	0.031	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA
Toluene	0.0012	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA
Trichloroethene	0.00034 J	0.00021 J	ND(0.0010)	ND(0.0010)	NA	NA	NA	NA
Vinyl Chloride	0.0017	0.00083 J	0.00065 J	ND(0.0010)	NA	NA	NA	NA
Semivolatile Organics								
1,2,4-Trichlorobenzene	NA	NA	NA	NA	0.0033 J	ND(0.0047)	ND(0.0047)	ND(0.0049)
Acenaphthene	NA	NA	NA	NA	0.038	ND(0.0047)	ND(0.0047)	ND(0.0049)
Acenaphthylene	NA	NA	NA	NA	0.0015 J	ND(0.0047)	ND(0.0047)	ND(0.0049)
Anthracene	NA	NA	NA	NA	0.0012 J	ND(0.0047)	ND(0.0047)	ND(0.0049)
Fluoranthene	NA	NA	NA	NA	0.0018 J	ND(0.0047)	ND(0.0047)	ND(0.0049)
Fluorene	NA	NA	NA	NA	0.0080	ND(0.0047)	ND(0.0047)	ND(0.0049)
Naphthalene	NA	NA	NA	NA	0.075	ND(0.0047)	ND(0.0047)	ND(0.0049)
Phenanthrene	NA	NA	NA	NA	0.0048	ND(0.0047)	ND(0.0047)	ND(0.0049)
Phenol	NA	NA	NA	NA	0.0015 J	ND(0.0047)	ND(0.0047)	ND(0.0049)
Pyrene	NA	NA	NA	NA	0.0025 J	ND(0.0047)	ND(0.0047)	ND(0.0049)

Notes:

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

Data Qualifiers:

Organics (volatiles, semivolatiles)

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

TABLE 2-12
AMBIENT AIR PCB DATA RECEIVED DURING JUNE 2010

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

Sampling Event Period	Date Analytical Results Received by Berkshire Environmental Consultants, Inc.	Field Blank (µg/PUF)	ES2S-1 (µg/m3)	ES2S-2 (µg/m3)	ES2S-2CO (colocated) (µg/m3)	ES2S-3 (µg/m3)	ES2S-4 (µg/m3)	ES2S-5 (µg/m3)	ES2S-6 (µg/m3)	ES2S-7 (µg/m3)	ES2S-8 (µg/m3)	ES2S-9 (µg/m3)	Background - East of Building 9B (µg/m3)
05/27/10-05/28/10	06/04/10	ND (<0.10)	0.0021	0.0062	0.0061	0.0035	0.0013	0.0017	0.0025	0.0035	0.0179	0.0045	0.0026
06/02/10-06/03/10	06/08/10	ND (<0.10)	0.0030	0.0124	0.0100	0.0031	0.0021	0.0022	0.0045	0.0051	0.0071	0.0040[1]	0.0020
Notification Level			0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05

Notes:
ND - Non-Detect

[1] The glass fiber filter for sample ES2S-9-060310-012 was not submitted to the laboratory for analysis with the PUF due to an error in sample shipping.

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

a. Activities Undertaken/Completed

- Performed June 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.

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

- Collected and transferred approximately 42,000 gallons of water from Building 9 to Building 64G Groundwater Treatment Facility for treatment.

- Conducted the first inspection of the embankments constructed with Usable Crushed Building Materials pursuant to the 9th Modification of CD (June 15, 2010), and performed subsequent repair activities.*

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted report on Spring 2010 inspection of restored areas, vegetated areas, and pavement (June 1, 2010).*

- Submitted report summarizing the June 15, 2010 inspection of the embankments constructed with Usable Crushed Building Materials, and subsequent repair activities (June 29, 2010).*

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

Perform July 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.

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

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
Plant Site Sand Sweepings	SWEEP-1	5/10/10	Soil	SGS	PCB, TCLP	6/1/10

TABLE 3-2
PCB DATA RECEIVED DURING JUNE 2010

PLANT SITE SAND SWEEPINGS
EAST STREET AREA 2-NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, 1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
Sweep-1	5/10/2010	ND(0.30)	ND(0.30)	3.4	3.4

Notes:

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

TABLE 3-3
TCLP DATA RECEIVED DURING JUNE 2010

PLANT SITE SAND SWEEPINGS
EAST STREET AREA 2-NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	Sweep-1 5/10/2010
Volatile Organics		
1,1-Dichloroethene	0.7	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)
2-Butanone	200	ND(0.25)
Benzene	0.5	ND(0.010)
Carbon Tetrachloride	0.5	ND(0.010)
Chlorobenzene	100	ND(0.010)
Chloroform	6	ND(0.010)
Tetrachloroethene	0.7	ND(0.010)
Trichloroethene	0.5	ND(0.010)
Vinyl Chloride	0.2	ND(0.010)
Semivolatile Organics		
1,4-Dichlorobenzene	7.5	ND(0.0060)
2,4,5-Trichlorophenol	400	ND(0.0060)
2,4,6-Trichlorophenol	2	ND(0.0060)
2,4-Dinitrotoluene	0.13	ND(0.0060)
Cresol	200	ND(0.0060)
Hexachlorobenzene	0.13	ND(0.0060)
Hexachlorobutadiene	0.5	ND(0.0060)
Hexachloroethane	3	ND(0.0060)
Nitrobenzene	2	ND(0.0060)
Pentachlorophenol	100	ND(0.029)
Pyridine	5	ND(0.0060)
Inorganics		
Arsenic	5	ND(0.200)
Barium	100	0.136 B
Cadmium	1	ND(0.100)
Chromium	5	0.0221 B
Lead	5	ND(0.100)
Mercury	0.2	ND(0.000570)
Selenium	1	ND(0.200)
Silver	5	0.00900 B

Notes:

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

Data Qualifiers:

Inorganics

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

ITEM 5
PLANT AREA
HILL 78 & BUILDING 71 CONSOLIDATION AREAS
(GECD210/220)
JUNE 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 work on draft ERE and draft Final Completion Report for the OPCAs.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted report on Spring 2010 post-closure and NRRE inspections of Building 71 and Hill 78 OPCAs (June 24, 2010).

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

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

- Conduct ambient air monitoring for PCBs around the OPCAs.

- Continue work on draft ERE and draft Final Completion Report for OPCAs and submit drafts to EPA for review.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

TABLE 5-1
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
June 2010

Month / Year	Total Volume of Leachate Transferred (Gallons)
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
April 2010	7,100
May 2010	4,000
June 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)
JUNE 2010

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted report on Spring 2010 inspection of backfilled/restored and re-vegetated areas (June 3, 2010).*

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

Complete draft Final Completion Report for Hill 78 Area-Remainder and submit it to EPA for review.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Draft ERE for Hill 78 Area-Remainder was provided to EPA for review in March 2010.

f. Proposed/Approved Work Plan Modifications

None

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

a. Activities Undertaken/Completed

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

- Repaired catch basins 9B-4, 9B-8A, 9B-8B and YD12A-3 in connection with the NPDES Storm Water Pollution Prevention Plan.

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

- Continued development of Final RD/RA Work Plan for Unkamet Brook Area-Remainder.*

- Conducted PCB sampling of plant site sand sweepings, as noted in Table 7-1.

- Conducted TCLP sampling within areas proposed for excavation at Unkamet Brook Area-West, as noted in Table 7-1.*

- Installed influent and effluent flow sampling equipment at Oil/Water Separator (OWS) 119W for the "baseline" effectiveness sampling program, pursuant to GE's NPDES Permit Modification.

- Performed the first of three "baseline" effectiveness sampling events at OWS 119W, pursuant to GE's NPDES Permit Modification (June 22, 2010), as noted in Table 7-1.

- Conducted PCB, TCLP, and PH sampling of concrete slurry from floor foundation saw-cuttings from the General Dynamics Building OP-2, as noted in Table 7-1.

- Received information from the owner of Parcel L12-1-5 (located within Unkamet Brook Area-Remainder) that it has changed its prior decision not to execute an ERE and now would like to execute an ERE on that property.*

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted description of proposed sensitivity analyses related to flow modeling at Unkamet Brook to EPA in June 10, 2010 email.

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

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

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

- Complete and submit Final RD/RA Work Plan for Unkamet Brook Area-West (due by July 19, 2010).*

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

- Perform two additional "baseline" effectiveness sampling events for OWS 119W, pursuant to GE's NPDES Permit Modification.

- Upon EPA approval of June 10, 2010 proposal for sensitivity analyses, perform sensitivity analyses related to flow modeling at Unkamet Brook.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- EPA agreed to extend the due date for the Final RD/RA Work Plan for Unkamet Brook Area-West from June 30, 2010 until July 19, 2010.

- Discuss with EPA ongoing issues regarding flow modeling and sensitivity analyses related to Unkamet Brook.

f. Proposed/Approved Work Plan Modifications

None

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

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Building 121 Spent Carbon Sampling	CARBON-1	5/6/10	NA	Solid	SGS	PCB, TCLP	6/1/10
General Dynamics OP-2 Concrete Slurry from Saw-Cuttings Floor Foundations	CD-Concrete	6/24/10	NA	Solid	SGS	PCB, TCLP, PH	
OWS-119W Baseline Sampling	OWS-119W-Eff.	6/22/10	NA	Water	Columbia	TSS	
OWS-119W Baseline Sampling	OWS-119W-Eff.	6/22/10	NA	Water	SGS	PCB	
OWS-119W Baseline Sampling	OWS-119W-Inf.	6/22/10	NA	Water	Columbia	TSS	
OWS-119W Baseline Sampling	OWS-119W-Inf.	6/22/10	NA	Water	SGS	PCB	
Plant Site Sand Sweepings	Unk-Sweep-1	6/15/10	NA	Soil	SGS	PCB	6/17/10
TCLP Waste Characterization	UBW-COMP-1	6/18/10	0-1	Soil	SGS	TCLP - VOC, SVOC, Metals	6/24/10
TCLP Waste Characterization	UBW-COMP-2	6/18/10	0-2	Soil	SGS	TCLP - VOC, SVOC, Metals	6/24/10
TCLP Waste Characterization	UBW-COMP-3	6/18/10	2-4	Soil	SGS	TCLP - VOC, SVOC, Metals	6/24/10
TCLP Waste Characterization	UBW-COMP-4	6/18/10	4-6	Soil	SGS	TCLP - VOC, SVOC, Metals	6/24/10
TCLP Waste Characterization	UBW-COMP-5	6/18/10	0-1	Soil	SGS	TCLP - VOC, SVOC, Metals	6/24/10

TABLE 7-2
PCB DATA RECEIVED DURING JUNE 2010

BUILDING 121 SPENT CARBON SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Carbon-1	5/6/2010	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)

Notes:

1. Sample was collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 7-3 for a summary of TCLP constituents.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

TABLE 7-3
TCLP DATA RECEIVED DURING JUNE 2010

BUILDING 121 SPENT CARBON SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	Carbon-1 5/6/2010
Volatile Organics		
1,1-Dichloroethene	0.7	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)
2-Butanone	200	ND(0.25)
Benzene	0.5	ND(0.010)
Carbon Tetrachloride	0.5	ND(0.010)
Chlorobenzene	100	ND(0.010)
Chloroform	6	ND(0.010)
Tetrachloroethene	0.7	ND(0.010)
Trichloroethene	0.5	ND(0.010)
Vinyl Chloride	0.2	ND(0.010)
Semivolatile Organics		
1,4-Dichlorobenzene	7.5	ND(0.0060)
2,4,5-Trichlorophenol	400	ND(0.0060)
2,4,6-Trichlorophenol	2	ND(0.0060)
2,4-Dinitrotoluene	0.13	ND(0.0060)
Cresol	200	ND(0.0060)
Hexachlorobenzene	0.13	ND(0.0060)
Hexachlorobutadiene	0.5	ND(0.0060)
Hexachloroethane	3	ND(0.0060)
Nitrobenzene	2	ND(0.0060)
Pentachlorophenol	100	ND(0.032)
Pyridine	5	ND(0.0060)
Inorganics		
Arsenic	5	ND(0.200)
Barium	100	0.0517 B
Cadmium	1	ND(0.100)
Chromium	5	0.0175 B
Lead	5	ND(0.100)
Mercury	0.2	ND(0.000570)
Selenium	1	ND(0.200)
Silver	5	0.00950 B

Notes:

1. Sample was collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 7-2 for a summary of PCBs.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

Data Qualifiers:

Inorganics

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

TABLE 7-4
PCB DATA RECEIVED DURING JUNE 2010

PLANT SITE SAND SWEEPINGS
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
UNK-Sweep-1	6/15/2010	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)

Notes:

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

TABLE 7-5
TCLP DATA RECEIVED DURING JUNE 2010

TCLP WASTE CHARACTERIZATION
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	TCLP Regulatory Limits	UBW-Comp-1 0-1 6/18/2010	UBW-Comp-2 0-2 6/18/2010	UBW-Comp-3 2-4 6/18/2010	UBW-Comp-4 4-6 6/18/2010	UBW-Comp-5 0-1 6/18/2010
Volatile Organics						
1,1-Dichloroethene	0.7	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Butanone	200	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
Benzene	0.5	ND(0.010)	ND(0.010)	ND(0.010)	0.0089 J	ND(0.010)
Carbon Tetrachloride	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Chlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)	0.20	0.0023 J
Chloroform	6	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Tetrachloroethene	0.7	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Trichloroethene	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Vinyl Chloride	0.2	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Semivolatile Organics						
1,4-Dichlorobenzene	7.5	ND(0.0060)	ND(0.0060)	ND(0.0050)	0.054	ND(0.0060)
2,4,5-Trichlorophenol	400	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)
2,4,6-Trichlorophenol	2	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)
2,4-Dinitrotoluene	0.13	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)
2-Methylphenol	200	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)
3&4-Methylphenol	200	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)
Hexachlorobenzene	0.13	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)
Hexachlorobutadiene	0.5	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)
Hexachloroethane	3	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)
Nitrobenzene	2	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)
Pentachlorophenol	100	ND(0.029)	ND(0.029)	ND(0.027)	ND(0.036)	ND(0.030)
Pyridine	5	ND(0.0060)	ND(0.0060)	ND(0.0050)	ND(0.0070)	ND(0.0060)
Inorganics						
Arsenic	5	ND(0.200)	ND(0.200)	ND(0.200)	ND(0.200)	ND(0.200)
Barium	100	0.509 B	0.195 B	0.258 B	0.824 B	0.264 B
Cadmium	1	0.0356 B	0.0236 B	0.0234 B	0.0218 B	0.0265 B
Chromium	5	0.0241 B	0.0207 B	ND(0.100)	ND(0.100)	ND(0.100)
Lead	5	0.571	ND(0.100)	0.429	ND(0.100)	0.0805 B
Mercury	0.2	ND(0.000570)	ND(0.000570)	ND(0.000570)	ND(0.000570)	ND(0.000570)
Selenium	1	ND(0.200)	ND(0.200)	ND(0.200)	ND(0.200)	ND(0.200)
Silver	5	0.0283 B	0.0265 B	0.0272 B	0.0313 B	0.0286 B

Notes:

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

Data Qualifiers:

Organics (volatiles, semivolatiles)

J - Indicates that the associated numerical value is an estimated concentration.

Inorganics

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

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

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted report on Spring 2010 inspection of re-planted trees and stressed plantings on Parcels I8-23-4 and I8-23-6 (June 3, 2010).

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

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

ITEM 9
LYMAN STREET AREA
(GECD430)
JUNE 2010

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

a. Activities Undertaken/Completed

Conducted Spring 2010 inspection of natural resource restoration/enhancement areas (June 8, 2010).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

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

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

- Submit report on Spring 2010 inspection of natural resource restoration/enhancement areas.
- Conduct Summer 2010 inspection of natural resource restoration/enhancement areas.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

None

ITEM 10
NEWELL STREET AREA I
(GECD440)
JUNE 2010

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted report on Spring 2010 semi-annual inspection of engineered barriers (June 2, 2010).

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

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

ITEM 11
NEWELL STREET AREA II
(GECD450)
JUNE 2010

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

a. Activities Undertaken/Completed

Conducted Spring 2010 inspection of natural resource restoration/enhancement areas.

b. Sampling/Test Results Received

GE received from Western Massachusetts Electric Company (WMECo) a report prepared by Fuss & O'Neill (dated June 29, 2010) for WMECo, providing results from soil sampling conducted by Fuss & O'Neill on May 19, 2010 on WMECo's behalf at the base of two lattice structures that serve as supports for high tension line towers on Parcel J9-23-8 (owned by WMECo). These samples were analyzed by Con-Test Analytical Laboratories for PCBs and metals, as noted in Table 11-1. The results are presented in Table 1 of the Fuss & O'Neill report, included as an attachment to Item 11.

c. Work Plans/Reports/Documents Submitted

Submitted report on Spring 2010 inspection of re-vegetated areas and engineered barriers at Newell Street Area II and of backfilled/restored areas at Vermont/Ontario Street area (June 9, 2010).

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

- Submit report on Spring 2010 inspection of natural resource restoration/enhancement areas.

- Conduct Summer 2010 inspection of natural resource restoration/enhancement areas.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- WMECo has advised GE that it intends to remove the two above-mentioned lattice structures that serve as supports for high tension line towers on Parcel J9-23-8, and that it will do so without excavating soil.

- Based on discussion with GE, WMECo has decided to remove obsolete equipment from Parcel J9-23-12 adjacent to the GE parking lot.

f. Proposed/Approved Work Plan Modifications

None

TABLE 11-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JUNE 2010

NEWELL STREET AREA II
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Parcel J9-23-8 Environmental Investigation	867100519-22	5/19/10	Soil	Con-Test Analytical	PCB, Metals	Data collected by Fuss & O'Neill, Inc. and analyzed by Con-Test Analytical submitted to ARCADIS as Hard copy on 06/10/10
Parcel J9-23-8 Environmental Investigation	867100519-23	5/19/10	Soil	Con-Test Analytical	PCB, Metals	Data collected by Fuss & O'Neill, Inc. and analyzed by Con-Test Analytical submitted to ARCADIS as Hard copy on 06/10/10

FUSS & O'NEILL

TABLE 1
SOIL ANALYTICAL DATA SUMMARY
LATTICE STRUCTURES
NEWELL STREET
PITTSFIELD, MASSACHUSETTS

June 2010

PARAMETERS	Sample Name	STR 19016	STR 19015	Reportable Concentrations[2]		Background Concentrations[3]	MCP Method 1 Standards[3]	
	Sample ID	867100519-23	867100519-24					
	Sampling Date	5/19/10	5/19/10					
	Depth (feet)	0-1	0-1	RCS-1	RCS-2		S-3/GW-2	S-3/GW-3
	Location of structure	Near Housatonic River	Near Newell Street					
Polychlorinated Biphenyls	**(mg/kg)**							
Aroclor-1016		ND (0.022)	**ND (2.2)**	2	3	NA	3	3
Aroclor-1221		ND (0.022)	**ND (2.2)**	2	3	NA	3	3
Aroclor-1232		ND (0.022)	**ND (2.2)**	2	3	NA	3	3
Aroclor-1242		ND (0.022)	**ND (2.2)**	2	3	NA	3	3
Aroclor-1248		ND (0.022)	**ND (2.2)**	2	3	NA	3	3
Aroclor-1254		0.18	**61**	2	3	NA	3	3
Aroclor-1260		ND (0.022)	**ND (2.2)**	2	3	NA	3	3
Aroclor-1262		ND (0.022)	**ND (2.2)**	2	3	NA	3	3
Aroclor-1268		ND (0.022)	**ND (2.2)**	2	3	NA	3	3
Metals	**(mg/kg)**							
Antimony		ND (2.9)	ND (3.0)	20	30	1	30	30
Arsenic		3.0	8.3	20	20	20	20	20
Barium		31	150	1,000	3,000	50	5,000	5,000
Beryllium		ND (0.29)	ND (0.30)	100	200	0.4	200	200
Cadmium		ND (0.29)	1.9	2	30	2	30	30
Chromium		7.5	12	30	200	30	200	200
Lead		4.0	300	300	300	100	300	300
Mercury		ND (0.013)	0.24	20	30	0.3	30	30
Nickel		8.5	18	20	700	20	700	700
Selenium		ND (5.8)	ND (6.1)	400	800	0.5	800	800
Silver		ND (0.58)	ND (0.61)	100	200	0.6	200	200
Thallium		ND (2.9)	ND (3.0)	8	60	0.6	80	80
Vanadium		8.8	15	600	1,000	30	1,000	1,000
Zinc		38	1000	2,500	3,000	100	5,000	5,000

Notes:

[1] Reportable Concentrations from 310 CMR 40.1600. Shaded indicated concentration exceeds RCS-1 Reportable Concentration.

[2] Background concentrations in "Natural" Soil from Technical Update: Background Levels of Polycyclic Aromatic Hydrocarbons and Metals in Soil, MassDEP, ORS, May 2002.

[3] MCP Method 1 Standards from 310 CMR 40.0975(6)(c), Table 4.

mg/kg = milligrams per kilogram

ND (#) = not detected above laboratory reporting limit.

NA = Not applicable.

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

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted report on Spring 2010 inspection of re-vegetated areas (June 11, 2010).

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

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

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

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted Trip Report summarizing the 2010 restored bank erosion monitoring activities (June 17, 2010.

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

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

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

a. Activities Undertaken/Completed

- On GE's behalf, ARCADIS performed two rounds of water column monitoring at 10 locations along the Housatonic River between Coltsville and Great Barrington, MA, on June 2 and 29, 2010 (representative of the May and June 2010 monthly monitoring events, respectively). 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 samples was collected at each location and submitted to Northeast Analytical for analysis of PCBs (total), TSS, POC, and chlorophyll-a, as identified in Table 14-1. The sample collected at Pomeroy Avenue Bridge was also analyzed for volatile suspended solids (VSS). (The other eight locations are discussed under Items 15 and 20 below.)

- GE performed a supplemental inspection of shotcrete and articulated concrete block (ACB) to complete the 2010 inspection of riprap and ACB (June 30, 2010).*

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted Trip Report summarizing the Spring 2010 monitoring activities for the restored riverbank and non-riverbank vegetation (June 4, 2010).*

- Submitted Trip Report summarizing the 2010 inspection of riverbank soil restoration, riprap/ACB, aquatic habitat enhancement structures, and critical ancillary items (June 17, 2010).*

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

- Continue Housatonic River water column monitoring.

- Submit report on June 30, 2010 supplemental inspection of shotcrete and ACB.*

- Conduct Summer 2010 monitoring of restored riverbank and non-riverbank vegetation.

ITEM 14
(cont'd)
HOUSATONIC RIVER AREA
1½ MILE REACH
(GECD820)
JUNE 2010

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

TABLE 14-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JUNE 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	6/2/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	6/17/10
Monthly Water Column Sampling	Location-4	6/29/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-6A	6/29/10	Water	NEA	PCB, TSS, VSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-6A	6/2/10	Water	NEA	PCB, TSS, VSS, POC, Chlorophyll-A	6/17/10

TABLE 14-2
SAMPLE DATA RECEIVED DURING JUNE 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, -1248	Aroclor 1221	Aroclor 1242	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)	VSS
LOCATION-4	Lyman Street Bridge	06/02/10	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.92	6.77	0.00210	NA
LOCATION-6A	Pomeroy Ave. Bridge	06/02/10	ND(0.00000550)	0.0000190 PB	0.00000810 PD	0.00000740 AF	0.00000650 AG	0.0000410	1.1	6.67	0.00240	2.67

Notes:

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

Data Qualifiers:

AF - Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AG - Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
PB - Aroclor 1221 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1221 is not present in the sample, but is reported to more accurately quantify PCBs present in a sample that has undergone environmental alteration.
PD - Aroclor 1242 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1242 is not present in the sample, but is reported to more accurately quantify PCBs present in a sample that has undergone environmental alteration.

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

a. Activities Undertaken/Completed

- On GE's behalf, ARCADIS performed two rounds of water column monitoring at 10 locations along the Housatonic River between Coltsville and Great Barrington, MA, on June 2 and 29, 2010 (representative of the May and June 2010 monthly monitoring events, respectively). Two locations are situated in the 1½ Mile Reach of the Housatonic River and were discussed in Item 14. One location is at the outlet of Silver Lake and is discussed in Item 20 below. Of the remaining seven locations, two are located upstream of the 1½ Mile Reach: Hubbard Avenue Bridge (Location 1) and Newell Street Bridge (Location 2). The five remaining locations are situated in the Rest of the River: Holmes Road Bridge (Location 7); New Lenox Road Bridge (Location 9); Woods Pond Headwaters (Location 10); Schweitzer Bridge (Location 12); and Division Street Bridge (Location 13). Sampling activities were performed at these locations on June 2 and 29, 2010, from downstream to upstream, from Division Street Bridge (Location 13) to Hubbard Avenue Bridge (Location 1). Composite grab samples were collected at each location sampled and submitted to Northeast Analytical for analysis of PCBs (total), TSS, POC, and chlorophyll-a, as identified in Table 15-1.

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

- GE received EPA's final decision in the dispute resolution proceeding initiated by GE with respect to certain conditions in EPA's conditional approval letter for GE's work plan for evaluating additional remedial alternatives in the CMS (June 10, 2010).*

b. Sampling/Test Results

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue Housatonic River monthly water column monitoring.

- Continue work on Revised CMS Report.*

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- Following GE's receipt of EPA's final decision in the dispute resolution proceeding, GE advised EPA that the Revised CMS Report would be submitted to EPA by October 12, 2010 (June 18, 2010).*

- EPA approved GE's revised schedule for submittal of the Revised CMS Report (June 24, 2010).*

f. Proposed/Approved Work Plan Modifications

None

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Monthly Water Column Sampling	HR-D1 (Location-12)	6/2/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	6/17/10
Monthly Water Column Sampling	HR-D1 (Location-12)	6/29/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-1	6/2/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	6/17/10
Monthly Water Column Sampling	Location-1	6/29/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-10	6/2/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	6/17/10
Monthly Water Column Sampling	Location-10	6/29/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-12	6/29/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-12	6/2/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	6/17/10
Monthly Water Column Sampling	Location-13	6/29/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-13	6/2/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	6/17/10
Monthly Water Column Sampling	Location-2	6/29/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-2	6/2/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	6/17/10
Monthly Water Column Sampling	Location-7	6/29/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-7	6/2/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	6/17/10
Monthly Water Column Sampling	Location-9	6/29/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-9	6/2/10	Water	NEA	PCB, TSS, POC, Chlorophyll-A	6/17/10

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

TABLE 15-2
SAMPLE DATA RECEIVED DURING JUNE 2010

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

Sample ID	Location	Date Collected	Aroclor-1016 -1221, -1232, -1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-1	Hubbard Avenue Bridge	06/02/10	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	1.3	4.92	0.00140
LOCATION-2	Newell Street Bridge	06/02/10	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	1.1	6.67	0.00190
LOCATION-7	Holmes Road Bridge	06/02/10	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.99	9.29	0.00230
LOCATION-9	New Lenox Road Bridge	06/02/10	ND(0.0000220)	ND(0.0000220)	0.0000240 AF	0.0000390 AG	0.0000630	0.67	6.17	0.00190
LOCATION-10	Headwaters of Woods Pond	06/02/10	ND(0.0000220)	ND(0.0000220)	0.0000270 AF	0.0000390 AG	0.0000660	1.2	9.77	0.00300
LOCATION-12	Schweitzer Bridge	06/02/10 06/02/10	ND(0.0000220) [ND(0.0000220)]	0.0000220 PE [0.0000290 PE]	0.0000310 AF [0.0000440 AF]	0.0000740 AG [0.0000710 AG]	0.000127 [0.000144]	0.72 [0.66]	4.66 [4.39]	0.00340 [0.00330]
LOCATION-13	Division Street Bridge	06/02/10	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.76	6.86	0.00370

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
2. (a).
   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
3. of the total river depth at each station.
4. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
   Field duplicate sample results are presented in brackets.

Data Qualifiers:

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

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

Submitted reports on Spring 2010 inspections of replanted vegetation in Phase 2 areas (June 22, 2010), stressed vegetation in Phase 3 areas (June 22, 2010), and restored and revegetated areas in Phase 4 (Group 4C) areas, including April 2010 vernal pool inspection (June 23, 2010).

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

None

f. Proposed/Approved Work Plan Modifications

None

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

a. Activities Undertaken/Completed

- On GE's behalf, ARCADIS performed two rounds of water column monitoring from the Silver Lake Outfall on June 2 and 29, 2010, as noted in Table 20-1, and obtained a gauge reading (see Item 21.a).

- GE continued efforts to obtain access permission for performance of remediation activities.*

- GE continued discussions with EPA on issues relating to GE's Final RD/RA Work Plan and regarding transfer to PEDA of bank property owned by GE between Silver Lake Boulevard and the Lake on the western side and a portion of the northern side of the Lake.*

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue discussions regarding transfer of bank areas owned by GE and Western Massachusetts Electric Company (WMECo) along the northern and eastern sides of Silver Lake to PEDA.

- Continue discussions with PEDA, EPA, the City, WMECo, and the natural resource trustees (Trustees) regarding the walking path and bank plantings along the northern and eastern sides of Silver Lake.*

- Continue 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.*

- Continue to discuss issues relating to GE's Final RD/RA Work Plan with EPA.*

ITEM 20
(cont'd)
OTHER AREAS
SILVER LAKE AREA
(GECD600)
JUNE 2010

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Issues relating to GE's Final RD/RA Work Plan are under discussion with EPA.*

f. Proposed/Approved Work Plan Modifications

None

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

SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Monthly Water Column Sampling	Location-4A	6/29/10	Water	NEA	PCB, TSS	
Monthly Water Column Sampling	Location-4A	6/2/10	Water	NEA	PCB, TSS	6/17/10

TABLE 20-2
SAMPLE DATA RECEIVED DURING JUNE 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	Aroclor 1221	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	TSS
LOCATION-4A	Silver Lake Outlet	6/2/2010	ND(0.0000220)	0.000180 PB	0.0000660 PE	0.0000230 AF	ND(0.0000220)	0.000269	3.33

Notes:

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

Data Qualifiers:

AF - Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
PE - Aroclor 1248 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1248 is not present in the sample, but is reported to more accurately quantify PCBs present in a sample that has undergone environmental alteration.
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 21
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
JUNE 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.
- Completed the Spring 2010 interim groundwater sampling event, as noted in Table 21-1.
- Conducted PCB, VOC, SVOC, and metals analysis of purge water from well development activities, as noted in Table 21-1.

East Street Area 1-North and South:

- Continued automated groundwater and NAPL pumping at North Side and South Side Caissons. No LNAPL was removed from the North Side Caisson in June. No LNAPL was removed from the South Side Caisson in June.
- Continued routine well monitoring and manual NAPL removal activities. Approximately 0.012 liters (0.003 gallons) of LNAPL was removed from this area during June.
- Conducted PCB and TCLP sampling of soil cuttings from decommissioning of Well 87, as noted in Table 21-1.

East Street Area 2-South:

- Continued automated groundwater and LNAPL removal activities. A total of approximately 5,308,370 gallons of groundwater was recovered from pumping systems 64R, 64S, 64V, 64X, RW-1(S), RW-1(X), and RW-2(X). In addition, approximately 731 gallons of LNAPL were removed from pumping systems 64R, 64V, GMA1-17W, RW-1(S), RW-1(X), RW-4, 64X, and 64S Caisson.
- Continued automated DNAPL removal activities. Approximately 34 gallons of DNAPL were removed from pumping system RW-3(X) during June.

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

a. Activities Undertaken/Completed (cont'd)

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

- Continued routine well monitoring and manual NAPL removal activities. Approximately 27.27 liters (7.194 gallons) of LNAPL were removed from wells in this area during June. Approximately 2.048 liters (0.540 gallons) of DNAPL were removed from wells in this area during June.

- Treated/discharged approximately 4,236,440 gallons of water through Building 64G Groundwater Treatment Facility.

- Conducted PCB and TCLP sampling of soil cuttings from decommissioning of Well 6, as noted in Table 21-1.

- Marked wells to be protected or removed during upcoming soil-related removal actions.

East Street Area 2-North:

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

- Conducted PCB and TCLP sampling of soil cuttings from decommissioning of Wells 6N and 22-N, as noted in Table 21-1.

20s, 30s, and 40s Complexes:

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

- Installed replacement wells CC-R and O-RR in the 20s Complex.

- Installed and developed well GMA1-29 in the 30s Complex.

- Decommissioned wells FF, KK, and N-R in the 20s Complex.

- Decommissioned wells GMA1-1 and 95-16 in the 30s Complex.

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

a. Activities Undertaken/Completed (cont'd)

20s, 30s, and 40s Complexes (cont'd):

- Modified/repaired surface covers at wells QQ-R, U, and Y in the 20s Complex.

- Modified/repaired surface covers at wells RF-2, RF-3D, and RF-16R in the 30s Complex.

- Sampled wells GMA1-29 and RF-2 in the 30s Complex.

- Conducted PCB and TCLP sampling of soil cuttings from installation of Well GMA1-29, as noted in Table 21-1.

Lyman Street Area:

- Continued automated groundwater and NAPL removal activities. A total of approximately 162,222 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 June.

- Continued routine well monitoring and NAPL removal activities. No LNAPL was removed from wells in this area during June. Approximately 1.136 liters (0.30 gallons) of DNAPL was removed from wells in this area during June.

Newell Street Area II:

- Continued automated DNAPL removal activities. Approximately 20 gallons of DNAPL were removed by System 2 in June.

- Continued routine well monitoring and NAPL removal activities. No LNAPL was removed from wells in this area during June. Approximately 0.969 liters (0.256 gallons) of DNAPL was recovered from wells in this area during June.

Newell Street Area I:

- None

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

a. Activities Undertaken/Completed (cont'd)

Silver Lake Area:

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

b. Sampling/Test Results Received

- See attached tables.
- Preliminary analytical results received in June 2010 from the Spring 2010 GMA 1 interim groundwater quality monitoring event consisted of results from one well, RF-2, as shown in Table 21-5. These preliminary results have been compared to the applicable Method 1 GW-3 groundwater standards and Upper Concentration Limits (UCLs) for groundwater set forth in the MCP. (Note that under this monitoring program, samples collected for analysis of PCBs are analyzed in filtered form only.) There were no exceedances of any of the applicable groundwater standards or UCLs in the results from this well.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine groundwater and NAPL monitoring/recovery activities.
- Develop replacement wells CC-R and O-RR in the 20s Complex.
- Survey all wells that were recently installed or modified in the 20s and 30s Complexes.
- Prepare and submit Spring 2010 Groundwater Quality Monitoring Interim Report (due to EPA by August 1, 2010 – see item 21.e).
- Prepare and submit Spring 2010 NAPL Monitoring Report (due to EPA by August 31, 2010).

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

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

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Decon Water from Drilling Activities	Decon-GMA1	6/22/10	Water	SGS	PCB	
Purge Water Waste Analysis	GMA-1	6/22/10	Water	SGS	PCB, VOC, SVOC, RCRA 8 Metals	
Semi-Annual Groundwater Sampling	GMA1-29	6/30/10	Groundwater	SGS	PCB (f), VOC -Expanded	
Semi-Annual Groundwater Sampling	GMA1DUP061010 (RF-2)	6/10/10	Groundwater	SGS	PCB (f), VOC -Expanded	6/25/10
Semi-Annual Groundwater Sampling	RF-2	6/10/10	Groundwater	SGS	PCB (f), VOC -Expanded	6/25/10
Soil Cuttings from Installation of Well GMA1-29	A4910-Soil	6/24/10	Soil	SGS	PCB, TCLP	
Soil Cuttings from Installation of Well A7-RR	A7-RR-Soil	5/18/10	Soil	SGS	PCB, TCLP	6/3/10
Soil Cuttings from Decommissioning of Well 130	A5086-130	5/10/10	Soil	SGS	PCB, TCLP	6/2/10
Soil Cuttings from Decommissioning of Well 97	A4902-ESA1-97	5/10/10	Soil	SGS	PCB, TCLP	6/1/10
Soil Cuttings from Decommissioning of Well ESA1-11	ESA-1-11	5/10/10	Soil	SGS	PCB, TCLP	6/1/10
Soil Cuttings from Decommissioning of Wells 6 and 87	A5078	6/22/10	Soil	SGS	PCB, TCLP	
Soil Cuttings from Decommissioning of Wells 6N and 22-N	A5089/A5088	6/22/10	Soil	SGS	PCB, TCLP	
Water from Installation of Well A7-RR	E2485	5/18/10	Water	SGS	PCB, VOC, SVOC, RCRA 8 Metals	6/2/10
Water from Installation of Well ES1-13R	ES1-13R	4/29/10	Water	SGS	PCB, VOC, SVOC, RCRA 8 Metals	6/2/10
Water from Installation of Well RF-3S	RF-3S	4/29/10	Water	SGS	PCB, VOC, SVOC, RCRA 8 Metals	6/2/10
Water from Re-Development of Well RF-2	RF-2	4/29/10	Water	SGS	PCB, VOC, SVOC, RCRA 8 Metals	6/2/10

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

TABLE 21-2
PCB DATA RECEIVED DURING JUNE 2010

SOIL CUTTINGS FROM INSTALLATION OF WELL A7-RR AND DECOMMISSIONING OF WELLS ESA1-11, 97 AND 130
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, 1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
A7-RR-Soil	5/18/2010	ND(0.035)	0.46	ND(0.035)	0.46
A4902-ESA1-97	5/10/2010	ND(0.035)	ND(0.035)	0.022 J	0.022 J
A5086-130	5/10/2010	ND(0.17)	ND(0.17)	1.0	1.0
ESA-1-11	5/10/2010	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)

Notes:

1. Samples were collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 21-3 for a summary of TCLP constituents.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

TABLE 21-3
TCLP DATA RECEIVED DURING JUNE 2010

SOIL CUTTINGS FROM INSTALLATION OF WELL A7-RR AND DECOMMISSIONING OF WELLS ESA1-11, 97 AND 130
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	A7-RR-Soil 5/18/2010	A4902-ESA1-97 5/10/2010	A5086-130 5/10/2010	ESA-1-11 5/10/2010
Volatile Organics					
1,1-Dichloroethene	0.7	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Butanone	200	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)
Benzene	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Carbon Tetrachloride	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Chlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Chloroform	6	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Tetrachloroethene	0.7	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Trichloroethene	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Vinyl Chloride	0.2	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Semivolatile Organics					
1,4-Dichlorobenzene	7.5	ND(0.0060)	ND(0.0060)	0.0020 J	ND(0.0060)
2,4,5-Trichlorophenol	400	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
2,4,6-Trichlorophenol	2	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
2,4-Dinitrotoluene	0.13	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Cresol	200	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Hexachlorobenzene	0.13	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Hexachlorobutadiene	0.5	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Hexachloroethane	3	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Nitrobenzene	2	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Pentachlorophenol	100	ND(0.028)	ND(0.028)	ND(0.029)	ND(0.030)
Pyridine	5	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Inorganics					
Arsenic	5	ND(0.200)	ND(0.200)	ND(0.200)	ND(0.200)
Barium	100	0.260 B	0.571 B	0.554 B	0.327 B
Cadmium	1	0.0236 B	0.0492 B	0.0442 B	ND(0.100)
Chromium	5	ND(0.100)	0.0233 B	0.0543 B	0.0151 B
Lead	5	ND(0.100)	0.117	0.0755 B	ND(0.100)
Mercury	0.2	0.0000580 B	ND(0.000570)	0.0000550 B	ND(0.000570)
Selenium	1	ND(0.200)	ND(0.200)	0.0311 B	ND(0.200)
Silver	5	0.0553 B	0.0809 B	0.0781 B	0.00740 B

Notes:

1. Samples were collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analys of PCBs and TCLP constituents.
2. Please refer to Table 21-2 for a summary of PCBs.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

Data Qualifiers:

Inorganics

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

TABLE 21-4
DATA RECEIVED DURING JUNE 2010

WATER FROM INSTALLATION OF WELLS ES1-13R, RF-3S, A7-RR AND WATER FROM RE-DEVELOPMENT OF WELL RF-2
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	E2485 05/18/10	ES1-13R 04/29/10	RF-2 04/29/10	RF-3S 04/29/10
Volatile Organics				
1,1-Dichloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.00035 J
Acetone	0.0026 J	0.0022 J	0.0033 J	0.0039 J
Methylene Chloride	0.00061 J	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	0.00047 J	ND(0.0010)	0.00053 J	ND(0.0010)
PCBs-Unfiltered				
Aroclor-1254	0.0014	0.0016	0.000091	0.000033 J
Total PCBs	0.0014	0.0016	0.000091	0.000033 J
Semivolatile Organics				
1,4-Dichlorobenzene	ND(0.0051)	0.00077 J	ND(0.0051)	ND(0.0051)
Inorganics-Unfiltered				
Barium	0.0353 B	0.115	0.0643 B	0.0615 B
Cadmium	ND(0.0100)	0.00343 B	0.00390 B	0.00346 B
Chromium	0.0122	0.00424 B	0.00415 B	0.00368 B
Lead	ND(0.0100)	ND(0.0100)	0.00802 B	ND(0.0100)
Selenium	ND(0.0200)	0.00579 B	0.00460 B	ND(0.0200)
Silver	ND(0.0100)	0.00197 B	0.00253 B	0.00229 B

Notes:

1. Samples were collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of PCBs, volatiles, semivolatiles and metals.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
3. Only those constituents detected in one or more samples are summarized.

Data Qualifiers:

Organics (PCBs, volatiles, semivolatiles)

J - Indicates that the associated numerical value is an estimated concentration.

Inorganics

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

TABLE 21-5
DATA RECEIVED DURING JUNE 2010

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

Parameter / Sample ID: / Date Collected:	RF-2 06/10/10
Volatile Organics	
trans-1,2-Dichloroethene	0.00038 J [0.00034 J]
Trichloroethene	0.0014 [0.0013]
Vinyl Chloride	0.00018 J [ND(0.0010)]
Total VOCs	0.0020 J [0.0016 J]
PCBs-Filtered	
Total PCBs	ND(0.000067) [ND(0.000066)]
Semivolatile Organics	
None Detected	--

Notes:

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

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles)

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

TABLE 21-6
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
June 2010

Caisson	Month	Vol. LNAPL Collected (gallon)	Vol. Water Recovered (gallon)	Percent Downtime
Northside	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
	April 2010	0.0	36,950	10.71
	May 2010	0.0	13,600	
	June 2010	0.0	14,950	0.83
Southside	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
	April 2010	0.0	68,430	10.71
	May 2010	0.0	53,620	11.11
	June 2010	0.0	84,250	0.83

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

TABLE 21-7
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
June 2010

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	June 2010 Removal (liters)
GMA 1 - East Street Area 1 - South						
72	6/22/2010	7.64	7.62	0.02	0.012	**0.012**

Total Manual LNAPL Removal for June 2010: 0.012 liters
0.003 gallons

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

TABLE 21-8
ROUTINE WELL MONITORING
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA 1 - East Street Area 1 - North									
North Caisson	997.84	6/2/2010	18.21	18.20	0.01	---	19.80	0.00	979.64
North Caisson	997.84	6/9/2010	17.70	P	< 0.01	---	19.80	0.00	980.14
North Caisson	997.84	6/15/2010	17.62	P	< 0.01	---	19.80	0.00	980.22
North Caisson	997.84	6/23/2010	17.52	17.51	0.01	---	19.80	0.00	980.33
North Caisson	997.84	6/29/2010	18.98	18.97	0.01	---	19.80	0.00	978.87
GMA 1 - East Street Area 1 - South									
31R	1,000.23	6/22/2010	9.20	---	0.00	---	14.93	0.00	991.03
33	999.50	6/22/2010	Well covered by vehicle.				NA	NA	NA
34	999.90	6/22/2010	6.70	---	0.00	---	21.80	0.00	993.20
72	1,000.62	6/22/2010	7.64	7.62	0.02	---	22.64	0.00	993.00
72R	1,000.92	6/22/2010	7.11	---	0.00	---	13.05	0.00	993.81
South Caisson	1,001.11	6/2/2010	13.49	13.47	0.02	---	15.00	0.00	987.64
South Caisson	1,001.11	6/9/2010	13.44	13.43	0.01	---	15.00	0.00	987.68
South Caisson	1,001.11	6/15/2010	13.49	13.48	0.01	---	15.00	0.00	987.63
South Caisson	1,001.11	6/23/2010	13.02	13.00	0.02	---	15.00	0.00	988.11
South Caisson	1,001.11	6/29/2010	13.43	13.41	0.02	---	15.00	0.00	987.70

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 21-9
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
June 2010

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
17W	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
	April 2010	0		
	May 2010	0		
	June 2010	0		
64R	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
	April 2010	13	409,804	
	May 2010	38	315,515	
	June 2010	50	108,507	0.83
64S System	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
	April 2010	388	1,174,787	
	May 2010	217	751,918	
	June 2010	275	595,798	1.67
64V	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
	April 2010	605	1,013,400	
	May 2010	320	842,300	
	June 2010	349	977,200	0.83

TABLE 21-9
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
June 2010

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64X	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
	April 2010	5	403,200	
	May 2010	14	388,800	
	June 2010	12	504,000	0.83
RW-2(X)	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
	April 2010	0	940,150	
	May 2010	0	790,610	
	June 2010	0	1,009,556	0.83
RW-1(S) 1	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
	April 2010	35	747,264	
	May 2010	40	542,031	
	June 2010	45	596,864	0.83
RW-1(X)	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
	April 2010	5	325,230	
	May 2010	0	245,637	
	June 2010	0	307,238	0.83

TABLE 21-9
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
June 2010

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
RW-4	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	6.2	1,239,425	0.69
	April 2010	2.1	1,031,121	
	May 2010	0	955,661	
	June 2010	0	1,209,207	0.83
RW-3(X)	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
	April 2010	27		
	May 2010	40		
	June 2010	34		

Summary of Total Automated Removal		
Water:	**5,308,370**	**Gallons**
LNAPL:	**731**	**Gallons**
DNAPL:	**34**	**Gallons**

Notes:

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

TABLE 21-10
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
June 2010

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	June 2010 Removal (liters)
East Street Area 2 - South						
13	6/14/2010	18.11	18.07	0.04	0.03	**0.03**
25R	6/1/2010	23.24	19.61	3.63	2.23	**6.64**
	6/8/2010	23.90	19.96	3.94	2.44	
	6/14/2010	22.22	20.32	1.90	1.17	
	6/21/2010	21.41	20.62	0.79	0.49	
	6/29/2010	21.40	20.90	0.50	0.31	
29	6/8/2010	18.30	18.29	0.01	0.01	**0.04**
	6/14/2010	18.22	18.21	0.01	0.006	
	6/29/2010	18.65	18.61	0.04	0.025	
48	6/14/2010	17.50	15.70	1.80	1.111	**1.111**
55	6/14/2010	13.70	13.35	0.35	0.216	**0.216**
95-04R	6/14/2010	15.02	14.09	0.93	2.299	**2.299**
ES2-15R	6/1/2010	16.25	12.58	3.67	2.326	**12.808**
	6/8/2010	16.61	12.50	4.11	2.536	
	6/14/2010	16.50	12.35	4.15	2.56	
	6/21/2010	16.48	12.47	4.01	2.47	
	6/29/2010	17.35	12.63	4.72	2.912	
GMA1-15	6/1/2010	16.71	15.89	0.82	0.506	**2.536**
	6/8/2010	16.75	15.90	0.85	0.524	
	6/14/2010	16.30	15.65	0.65	0.401	
	6/21/2010	16.90	15.85	1.05	0.648	
	6/29/2010	16.70	15.96	0.74	0.457	
GMA1-16	6/14/2010	12.88	12.86	0.02	0.012	**0.012**
GMA1-17E	6/14/2010	15.09	15.07	0.02	0.012	**0.012**
GMA1-19	6/1/2010	12.56	11.79	0.77	0.475	**1.542**
	6/8/2010	12.64	11.78	0.86	0.531	
	6/14/2010	11.70	11.56	0.14	0.086	
	6/21/2010	12.17	11.80	0.37	0.228	
	6/29/2010	12.28	11.92	0.36	0.222	
GMA1-24	6/8/2010	11.62	11.58	0.04	0.025	**0.031**
	6/29/2010	11.76	11.75	0.01	0.006	

Total LNAPL Removal East Street Area 2 - South for June 2010: 27.266 liters
7.194 gallons

Total LNAPL Removal for June 2010: 27.266 liters
7.194 gallons

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

TABLE 21-11
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
June 2010

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	June 2010 Removal (liters)
East Street Area 2 - South						
E2SC-03I*	6/14/2010	9.45	38.95	3.24	1.999	**1.999**
29	6/29/2010	18.65	21.60	0.08	0.049	**0.049**

Total DNAPL Removal East Street Area 2 - South for June 2010: 2.048 liters
0.540 gallons

Total DNAPL Removal for June 2010: 2.048 liters
0.540 gallons

Note:
1. ft BMP - feet Below Measuring Point

TABLE 21-12
64G TREATMENT PLANT DISCHARGE DATA
GROUNDWATER MANAGEMENT AREA 1

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

Date	Housatonic River Discharge (gallons)	Recharge Pond Discharge (gallons)	Total Discharge (gallons)
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
April 2010	6,086,710	178,635	6,271,755
May 2010	5,012,180	211,489	5,223,669
June 2010	3,792,660	263,780	4,236,440

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 21-13
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
June 2010

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
30's Complex									
GMA1-29	NA	6/21/2010	12.54	---	0.00	---	19.88	0.00	NA
RF-02	982.43	6/21/2010	6.02	---	0.00	---	18.25	0.00	976.41
RF-03S	NA	6/21/2010	8.65	---	0.00	---	14.90	0.00	NA
RF-16R	986.77	6/21/2010	10.88	---	0.00	---	16.74	0.00	975.89
East Street Area 2 - South									
13	990.88	6/14/2010	18.11	18.07	0.04	---	23.20	0.00	972.81
14	991.61	6/14/2010	18.30	---	0.00	---	28.00	0.00	973.31
19	983.59	6/1/2010	11.70	---	0.00	---	17.30	0.00	971.89
19	983.59	6/8/2010	11.69	---	0.00	---	17.32	0.00	971.90
19	983.59	6/14/2010	11.42	---	0.00	---	17.30	0.00	972.17
19	983.59	6/21/2010	11.73	---	0.00	---	17.32	0.00	971.86
19	983.59	6/29/2010	11.90	---	0.00	---	17.30	0.00	971.69
25R	998.31	6/1/2010	23.24	19.61	3.63	---	30.60	0.00	978.45
25R	998.31	6/8/2010	23.90	19.96	3.94	---	30.60	0.00	978.07
25R	998.31	6/14/2010	22.22	20.32	1.90	---	30.58	0.00	977.86
25R	998.31	6/21/2010	21.41	20.62	0.79	---	30.59	0.00	977.63
25R	998.31	6/29/2010	21.40	20.90	0.50	---	30.58	0.00	977.38
26RR	1,000.58	6/14/2010	21.34	21.31	0.03	---	28.32	0.00	979.27
29	991.59	6/1/2010	18.18	---	0.00	---	21.68	0.00	973.41
29	991.59	6/8/2010	18.30	18.29	0.01	---	21.70	0.00	973.30
29	991.59	6/14/2010	18.22	18.21	0.01	---	21.70	0.00	973.38
29	991.59	6/21/2010	18.39	18.36	0.03	---	21.70	0.00	973.23
29	991.59	6/29/2010	18.65	18.61	0.04	21.60	21.68	0.08	972.98
30	989.34	6/14/2010	11.65	---	0.00	---	22.48	0.00	977.69
40R	991.60	6/14/2010	Dry at 12.55 feet.				NA	NA	NA
48	992.39	6/14/2010	17.50	15.70	1.80	---	22.58	0.00	976.56
49R	988.71	6/14/2010	15.55	---	0.00	---	24.88	0.00	973.16
49RR	989.80	6/14/2010	16.65	---	0.00	---	23.01	0.00	973.15
55	985.97	6/14/2010	13.70	13.35	0.35	---	26.52	0.00	972.60
64R	993.37	6/2/2010	15.56	15.54	0.02	---	20.50	0.00	977.83
64R	993.37	6/9/2010	15.43	15.41	0.02	---	20.50	0.00	977.96
64R	993.37	6/15/2010	15.51	15.50	0.01	---	20.50	0.00	977.87
64R	993.37	6/23/2010	15.67	15.64	0.03	---	20.50	0.00	977.73
64R	993.37	6/29/2010	15.95	15.94	0.01	---	20.50	0.00	977.43
64S	984.48	6/2/2010	19.36	---	0.00	---	28.70	0.00	965.12
64S	984.48	6/9/2010	19.15	---	0.00	---	28.70	0.00	965.33
64S	984.48	6/15/2010	19.09	---	0.00	---	28.70	0.00	965.39
64S	984.48	6/23/2010	19.15	---	0.00	---	28.70	0.00	965.33
64S	984.48	6/29/2010	19.05	---	0.00	---	28.70	0.00	965.43
64S-Caisson	NA	6/2/2010	10.68	10.64	0.04	---	14.55	0.00	NA
64S-Caisson	NA	6/9/2010	10.20	10.19	0.01	---	14.55	0.00	NA
64S-Caisson	NA	6/15/2010	10.28	10.27	0.01	P	14.55	< 0.01	NA
64S-Caisson	NA	6/23/2010	10.30	10.29	0.01	---	14.55	0.00	NA
64S-Caisson	NA	6/29/2010	10.38	10.37	0.01	---	14.55	0.00	NA
64V	987.29	6/2/2010	20.93	20.81	0.12	P	29.60	< 0.01	966.47
64V	987.29	6/9/2010	20.85	20.83	0.02	P	29.60	< 0.01	966.46
64V	987.29	6/15/2010	20.91	20.71	0.20	P	29.60	< 0.01	966.57
64V	987.29	6/23/2010	20.65	20.60	0.05	P	29.60	< 0.01	966.69
64V	987.29	6/29/2010	20.67	20.65	0.02	P	29.60	< 0.01	966.64
64X(N)	984.83	6/2/2010	11.02	11.00	0.02	---	15.85	0.00	973.83
64X(N)	984.83	6/9/2010	12.05	12.03	0.02	---	15.85	0.00	972.80
64X(N)	984.83	6/15/2010	11.80	11.78	0.02	---	15.85	0.00	973.05
64X(N)	984.83	6/23/2010	12.15	12.13	0.02	---	15.85	0.00	972.70
64X(N)	984.83	6/29/2010	12.38	12.35	0.03	---	15.85	0.00	972.48
64X(S)	981.56	6/2/2010	15.24	15.06	0.18	---	23.82	0.00	966.49
64X(S)	981.56	6/9/2010	15.56	15.45	0.11	---	23.82	0.00	966.10
64X(S)	981.56	6/15/2010	15.30	15.05	0.25	---	23.82	0.00	966.49
64X(S)	981.56	6/23/2010	15.76	15.61	0.15	---	23.82	0.00	965.94
64X(S)	981.56	6/29/2010	15.95	15.82	0.13	---	23.82	0.00	965.73

TABLE 21-13
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
June 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)
64X(W)	984.87	6/2/2010	18.39	18.37	0.02	---	24.35	0.00	966.50
64X(W)	984.87	6/9/2010	18.67	18.64	0.03	---	24.35	0.00	966.23
64X(W)	984.87	6/15/2010	18.35	18.33	0.02	---	24.35	0.00	966.54
64X(W)	984.87	6/23/2010	18.84	18.82	0.02	---	24.35	0.00	966.05
64X(W)	984.87	6/29/2010	19.03	19.02	0.01	---	24.35	0.00	965.85
95-01	983.49	6/14/2010	10.70	---	0.00	---	16.58	0.00	972.79
95-04R	988.36	6/14/2010	15.02	14.09	0.93	---	21.92	0.00	974.20
3-6C-EB-22	986.94	6/14/2010	14.10	---	0.00	---	20.02	0.00	972.84
E2SC-03I*	982.12	6/14/2010	9.45	---	0.00	38.95	42.19	3.24	972.67
E2SC-23	992.07	6/14/2010	16.95	---	0.00	---	21.14	0.00	975.12
E2SC-24	987.90	6/14/2010	15.40	---	0.00	---	21.63	0.00	972.50
ES2-15R	986.20	6/1/2010	16.25	12.58	3.67	---	19.48	0.00	973.36
ES2-15R	986.20	6/8/2010	16.61	12.50	4.11	---	19.48	0.00	973.41
ES2-15R	986.20	6/14/2010	16.50	12.35	4.15	---	19.48	0.00	973.56
ES2-15R	986.20	6/21/2010	16.48	12.47	4.01	---	19.48	0.00	973.45
ES2-15R	986.20	6/29/2010	17.35	12.63	4.72	---	19.47	0.00	973.24
GMA1-14	997.43	6/1/2010	18.21	---	0.00	---	22.53	0.00	979.22
GMA1-14	997.43	6/8/2010	18.48	---	0.00	---	22.55	0.00	978.95
GMA1-14	997.43	6/14/2010	18.53	---	0.00	---	22.54	0.00	978.90
GMA1-14	997.43	6/21/2010	18.80	---	0.00	---	22.50	0.00	978.63
GMA1-14	997.43	6/29/2010	19.15	---	0.00	---	22.54	0.00	978.28
GMA1-15	988.59	6/1/2010	16.71	15.89	0.82	---	17.78	0.00	972.64
GMA1-15	988.59	6/8/2010	16.75	15.90	0.85	---	17.78	0.00	972.63
GMA1-15	988.59	6/14/2010	16.30	15.65	0.65	---	17.78	0.00	972.89
GMA1-15	988.59	6/21/2010	16.90	15.85	1.05	---	17.78	0.00	972.67
GMA1-15	988.59	6/29/2010	16.70	15.96	0.74	---	17.78	0.00	972.58
GMA1-16	986.82	6/14/2010	12.88	12.86	0.02	---	19.88	0.00	973.96
GMA1-17E	993.03	6/14/2010	15.09	15.07	0.02	---	17.30	0.00	977.96
GMA1-17W	992.63	6/2/2010	18.33	17.55	0.78	---	NM	0.00	975.03
GMA1-17W	992.63	6/9/2010	NM	NM	NM	NM	NM	NM	NM
GMA1-17W	992.63	6/15/2010	NM	NM	NM	NM	NM	NM	NM
GMA1-17W	992.63	6/23/2010	NM	NM	NM	NM	NM	NM	NM
GMA1-17W	992.63	6/29/2010	NM	NM	NM	NM	NM	NM	NM
GMA1-19	984.28	6/1/2010	12.56	11.79	0.77	---	17.14	0.00	972.44
GMA1-19	984.28	6/8/2010	12.64	11.78	0.86	---	17.14	0.00	972.44
GMA1-19	984.28	6/14/2010	11.70	11.56	0.14	---	17.14	0.00	972.71
GMA1-19	984.28	6/21/2010	12.17	11.80	0.37	---	17.14	0.00	972.45
GMA1-19	984.28	6/29/2010	12.28	11.92	0.36	---	17.14	0.00	972.33
GMA1-20	983.49	6/1/2010	11.24	---	0.00	---	17.28	0.00	972.25
GMA1-20	983.49	6/8/2010	11.30	---	0.00	---	17.30	0.00	972.19
GMA1-20	983.49	6/14/2010	10.98	---	0.00	---	17.25	0.00	972.51
GMA1-20	983.49	6/21/2010	11.25	---	0.00	---	17.25	0.00	972.24
GMA1-20	983.49	6/29/2010	11.38	---	0.00	---	17.30	0.00	972.11
GMA1-21	985.68	6/1/2010	13.25	---	0.00	---	19.60	0.00	972.43
GMA1-21	985.68	6/8/2010	13.57	---	0.00	---	19.60	0.00	972.11
GMA1-21	985.68	6/14/2010	13.10	---	0.00	---	19.60	0.00	972.58
GMA1-21	985.68	6/21/2010	13.30	---	0.00	---	19.60	0.00	972.38
GMA1-21	985.68	6/29/2010	13.44	---	0.00	---	19.60	0.00	972.24
GMA1-22	988.45	6/1/2010	15.61	---	0.00	---	19.16	0.00	972.84
GMA1-22	988.45	6/8/2010	15.60	---	0.00	---	19.15	0.00	972.85
GMA1-22	988.45	6/14/2010	15.35	---	0.00	---	19.15	0.00	973.10
GMA1-22	988.45	6/21/2010	15.60	---	0.00	---	19.15	0.00	972.85
GMA1-22	988.45	6/29/2010	15.71	---	0.00	---	19.16	0.00	972.74
GMA1-23	986.16	6/1/2010	13.41	---	0.00	---	17.26	0.00	972.75
GMA1-23	986.16	6/8/2010	13.40	---	0.00	---	17.25	0.00	972.76
GMA1-23	986.16	6/14/2010	13.12	---	0.00	---	17.25	0.00	973.04
GMA1-23	986.16	6/21/2010	13.36	---	0.00	---	17.25	0.00	972.80
GMA1-23	986.16	6/29/2010	13.53	---	0.00	---	17.25	0.00	972.63

TABLE 21-13
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
June 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)
GMA1-24	983.81	6/1/2010	11.61	---	0.00	---	15.85	0.00	972.20
GMA1-24	983.81	6/8/2010	11.62	11.58	0.04	---	15.86	0.00	972.23
GMA1-24	983.81	6/14/2010	11.35	---	0.00	---	15.86	0.00	972.46
GMA1-24	983.81	6/21/2010	11.60	---	0.00	---	15.85	0.00	972.21
GMA1-24	983.81	6/29/2010	11.76	11.75	0.01	---	15.85	0.00	972.06
HR-G2-MW-1	982.60	6/14/2010	10.70	---	0.00	---	18.24	0.00	971.90
HR-G2-MW-2	981.39	6/14/2010	9.02	---	0.00	---	17.67	0.00	972.37
HR-G2-MW-3	987.14	6/14/2010	14.68	---	0.00	---	21.98	0.00	972.46
HR-G2-RW-1	976.88	6/14/2010	6.06	---	0.00	---	18.68	0.00	972.35
RW-1(S)	987.23	6/2/2010	17.43	17.30	0.13	---	28.60	0.00	969.92
RW-1(S)	987.23	6/9/2010	17.90	17.85	0.05	---	28.60	0.00	969.38
RW-1(S)	987.23	6/15/2010	17.83	17.80	0.03	---	28.60	0.00	969.43
RW-1(S)	987.23	6/23/2010	17.89	17.78	0.11	---	28.60	0.00	969.44
RW-1(S)	987.23	6/29/2010	17.84	17.80	0.04	---	28.60	0.00	969.43
RW-1(X)	982.68	6/2/2010	13.34	13.15	0.19	---	20.80	0.00	969.52
RW-1(X)	982.68	6/9/2010	13.38	13.00	0.38	---	20.80	0.00	969.65
RW-1(X)	982.68	6/15/2010	12.48	12.18	0.30	---	20.80	0.00	970.48
RW-1(X)	982.68	6/23/2010	13.52	13.49	0.03	---	20.80	0.00	969.19
RW-1(X)	982.68	6/29/2010	13.14	13.11	0.03	---	20.80	0.00	969.57
RW-2(X)	985.96	6/2/2010	16.34	---	0.00	---	22.80	0.00	969.62
RW-2(X)	985.96	6/9/2010	16.22	---	0.00	---	22.80	0.00	969.74
RW-2(X)	985.96	6/15/2010	16.12	---	0.00	---	22.80	0.00	969.84
RW-2(X)	985.96	6/23/2010	15.15	---	0.00	---	22.80	0.00	970.81
RW-2(X)	985.96	6/29/2010	16.25	---	0.00	---	22.80	0.00	969.71
RW-3(X)	980.28	6/2/2010	8.24	---	0.00	43.64	44.40	0.76	972.04
RW-3(X)	980.28	6/9/2010	8.18	---	0.00	43.45	44.40	0.95	972.10
RW-3(X)	980.28	6/15/2010	8.82	---	0.00	42.61	44.40	1.79	971.46
RW-3(X)	980.28	6/23/2010	8.79	---	0.00	42.98	44.40	1.42	971.49
RW-3(X)	980.28	6/29/2010	9.02	---	0.00	43.06	44.40	1.34	971.26
RW-4	987.44	6/2/2010	18.98	18.94	0.04	---	29.05	0.00	968.50
RW-4	987.44	6/9/2010	18.95	18.92	0.03	---	29.05	0.00	968.52
RW-4	987.44	6/15/2010	18.70	18.67	0.03	---	29.05	0.00	968.77
RW-4	987.44	6/23/2010	19.10	19.00	0.10	---	29.05	0.00	968.43
RW-4	987.44	6/29/2010	19.30	19.20	0.10	---	29.05	0.00	968.23
Housatonic River									
SG-HR-1	990.73	6/1/2010	19.05	See Note 7 regarding depth to water					971.68
SG-HR-1	990.73	6/9/2010	19.73	See Note 7 regarding depth to water					971.00
SG-HR-1	990.73	6/16/2010	19.55	See Note 7 regarding depth to water					971.18
SG-HR-1	990.73	6/21/2010	19.78	See Note 7 regarding depth to water					970.95
SG-HR-1	990.73	6/30/2010	19.96	See Note 7 regarding depth to water					970.77

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 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 21-14
ACTIVE RECOVERY SYSTEMS MONTHLY SUMMARY
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

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

Month / Year	Volume Water Pumped (gallon)	RW-1R LNAPL Recovered (gallon)	RW-3 LNAPL Recovered (gallon)
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	--	--
April 2010	239,752	--	--
May 2010	151,460	--	--
June 2010	162,222	--	--

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 21-15
MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	June 2010 Removal (liters)
LS-30	6/15/2010	15.46	23.35	7.89	0.364	**0.364**
LSSC-07	6/1/2010	11.25	24.90	13.65	0.111	**0.685**
	6/8/2010	11.20	24.85	13.65	0.142	
	6/15/2010	10.90	24.84	13.94	0.148	
	6/22/2010	11.24	24.90	13.66	0.111	
	6/29/2010	11.40	24.80	13.40	0.173	
LSSC-08I	6/8/2010	12.63	23.20	10.57	0.025	**0.068**
	6/15/2010	12.32	23.20	10.88	0.031	
	6/29/2010	12.85	23.23	10.38	0.012	
LSSC-16I	6/15/2010	9.20	28.50	19.30	0.019	**0.019**

Total Manual DNAPL Removal for June 2010: 1.136 liters
0.300 gallons

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

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
June 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	6/15/2010	12.30	---	0.00	---	22.65	0.00	970.74
LS-24	986.58	6/15/2010	18.05	---	0.00	---	19.40	0.00	968.53
LS-30	986.44	6/15/2010	15.46	15.45	0.01	23.35	23.94	0.59	970.99
LS-31	987.09	6/15/2010	16.01	---	0.00	25.05	25.45	0.40	971.08
LS-38	986.95	6/15/2010	16.50	---	0.00	---	26.04	0.00	970.45
LS-38S	987.82	6/15/2010	16.53	---	0.00	---	18.10	0.00	971.29
LS-44	980.78	6/15/2010	10.40	---	0.00	---	20.10	0.00	970.38
LSSC-07	982.48	6/1/2010	11.25	---	0.00	24.90	25.08	0.18	971.23
LSSC-07	982.48	6/8/2010	11.20	---	0.00	24.85	25.08	0.23	971.28
LSSC-07	982.48	6/15/2010	10.90	---	0.00	24.84	25.08	0.24	971.58
LSSC-07	982.48	6/22/2010	11.24	---	0.00	24.90	25.08	0.18	971.24
LSSC-07	982.48	6/29/2010	11.40	---	0.00	24.80	25.08	0.28	971.08
LSSC-08I	983.13	6/1/2010	12.73	---	0.00	---	23.24	0.00	970.40
LSSC-08I	983.13	6/8/2010	12.63	---	0.00	23.20	23.24	0.04	970.50
LSSC-08I	983.13	6/15/2010	12.32	---	0.00	23.20	23.25	0.05	970.81
LSSC-08I	983.13	6/22/2010	12.74	---	0.00	---	23.25	0.00	970.39
LSSC-08I	983.13	6/29/2010	12.85	---	0.00	23.23	23.25	0.02	970.28
LSSC-08S	983.11	6/15/2010	12.50	---	0.00	---	14.67	0.00	970.61
LSSC-16I	980.88	6/15/2010	9.20	---	0.00	28.50	28.53	0.03	971.68
LSSC-18	987.32	6/15/2010	18.50	---	0.00	---	22.50	0.00	968.82
LSSC-32	980.68	6/15/2010	9.35	---	0.00	---	35.20	0.00	971.33
LSSC-33	980.49	6/15/2010	9.20	---	0.00	---	29.02	0.00	971.29
RW-1 (R)	985.07	6/2/2010	17.74	---	0.00	---	21.65	0.00	967.33
RW-1 (R)	985.07	6/9/2010	17.45	---	0.00	---	21.65	0.00	967.62
RW-1 (R)	985.07	6/15/2010	17.32	---	0.00	---	21.65	0.00	967.75
RW-1 (R)	985.07	6/23/2010	17.25	P	< 0.01	---	21.65	0.00	967.82
RW-1 (R)	985.07	6/29/2010	17.64	P	< 0.01	---	21.65	0.00	967.43
RW-2	985.92	6/2/2010	18.15	---	0.00	---	24.70	0.00	967.77
RW-2	985.92	6/9/2010	18.27	---	0.00	---	24.70	0.00	967.65
RW-2	985.92	6/15/2010	18.12	---	0.00	---	24.70	0.00	967.80
RW-2	985.92	6/23/2010	18.20	---	0.00	---	24.70	0.00	967.72
RW-2	985.92	6/29/2010	18.33	---	0.00	---	24.70	0.00	967.59
RW-3	984.08	6/2/2010	14.78	14.46	0.32	---	22.70	0.00	969.60
RW-3	984.08	6/9/2010	14.82	14.55	0.27	---	22.70	0.00	969.51
RW-3	984.08	6/15/2010	14.52	14.31	0.21	---	22.70	0.00	969.76
RW-3	984.08	6/23/2010	14.63	14.38	0.25	---	22.70	0.00	969.68
RW-3	984.08	6/29/2010	14.75	14.53	0.22	---	22.70	0.00	969.53
Housatonic River (Lyman Street Bridge)									
BM-2A	986.32	6/1/2010	15.90	See Note 4 regarding depth to water					970.42
BM-2A	986.32	6/8/2010	16.40	See Note 4 regarding depth to water					969.92
BM-2A	986.32	6/16/2010	16.30	See Note 4 regarding depth to water					970.02
BM-2A	986.32	6/21/2010	16.43	See Note 4 regarding depth to water					969.89
BM-2A	986.32	6/30/2010	16.51	See Note 4 regarding depth to water					969.81

Notes:

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

TABLE 21-17
ACTIVE DNAPL RECOVERY SYSTEMS MONTHLY SUMMARY
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1

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

Recovery System	Date	Total Gallons Recovered
System 2(1)	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
	April 2010	0.0
	May 2010	8.0
	June 2010	20.0
Total Automated DNAPL Removal for June 2010:		20.0

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

TABLE 21-18
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

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

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	June 2010 Removal (liters)
N2SC-07	6/21/2010	10.60	35.80	0.06	0.037	**0.037**
N2SC-08	6/21/2010	11.35	39.35	1.51	0.932	**0.932**

Total DNAPL Removal for June 2010: 0.969 liters
0.256 gallons

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

TABLE 21-19
ROUTINE WELL MONITORING
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
N2SC-01I	984.99	6/21/2010	12.20	---	0.00	37.04	40.28	3.24	972.79
N2SC-01I(R)	984.34	6/2/2010	15.66	---	0.00	40.93	42.60	1.67	968.68
N2SC-01I(R)	984.34	6/9/2010	15.72	---	0.00	40.89	42.60	1.71	968.62
N2SC-01I(R)	984.34	6/15/2010	15.64	NM	NM	40.92	42.60	1.68	968.70
N2SC-01I(R)	984.34	6/23/2010	15.71	NM	NM	40.81	42.60	1.79	968.63
N2SC-01I(R)	984.34	6/29/2010	16.05	---	0.00	40.78	42.60	1.82	968.29
N2SC-02	983.18	6/21/2010	11.28	---	0.00	---	38.15	0.00	971.90
N2SC-03I	982.97	6/21/2010	10.70	---	0.00	36.53	37.64	1.11	972.27
N2SC-03I(R)	985.86	6/2/2010	14.49	---	0.00	38.40	41.10	2.70	971.37
N2SC-03I(R)	985.86	6/9/2010	14.38	---	0.00	38.38	41.10	2.72	971.48
N2SC-03I(R)	985.86	6/15/2010	14.29	---	0.00	38.37	41.10	2.73	971.57
N2SC-03I(R)	985.86	6/23/2010	14.36	NM	NM	38.31	41.10	2.79	971.50
N2SC-03I(R)	985.86	06/29/.2010	14.17	---	0.00	38.74	41.10	2.36	971.69
N2SC-07	984.61	6/21/2010	10.60	---	0.00	35.80	35.86	0.06	974.01
N2SC-08	986.07	6/21/2010	11.35	---	0.00	39.35	40.86	1.51	974.72
N2SC-14	986.66	6/2/2010	13.38	---	0.00	37.74	40.00	2.26	973.28
N2SC-14	986.66	6/9/2010	13.91	---	0.00	38.70	40.00	1.30	972.75
N2SC-14	986.66	6/15/2010	14.00	---	0.00	38.67	40.00	1.33	972.66
N2SC-14	986.66	6/23/2010	13.89	NM	NM	38.66	40.00	1.34	972.77
N2SC-14	986.66	6/29/2010	14.85	---	0.00	38.43	40.00	1.57	971.81

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 21-20
ROUTINE WELL MONITORING
SILVER LAKE AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
June 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	6/1/2010	4.03	See Note 2 regarding depth to water					976.27
BM-SL-5	980.30	6/9/2010	4.52	See Note 2 regarding depth to water					975.78
BM-SL-5	980.30	6/16/2010	4.54	See Note 2 regarding depth to water					975.76
BM-SL-5	980.30	6/21/2010	4.57	See Note 2 regarding depth to water					975.73
BM-SL-5	980.30	6/30/2010	4.61	See Note 2 regarding depth to water					975.69

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.

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

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

Date	Gauge Measurement (ft)	Calculated Flow (cfs)
6/2/2010	3.06	3.58
6/29/2010	3.35	0.75

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

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

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

a. Activities Undertaken/Completed

Continued routine river elevation monitoring.

b. Sampling/Test Results Received

See attached table.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine river elevation monitoring.
- Continue preparation of Spring 2010 Long-Term Trend Evaluation Report (see Item 22e below).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- GE has received permission from the owner of Parcel K10-11-5 for access to that property to perform the groundwater sampling events to date. GE still needs a long-term access agreement for that property and will continue efforts to obtain such an agreement.
- The Spring 2010 Long-Term Trend Evaluation Report is scheduled to be submitted within 75 days of receipt of the final laboratory data packages from the Spring 2010 sampling event. These data packages were received on May 10, 2010, which would have resulted in a due date of July 24, 2010. However, since that date is a Saturday, the actual due date will be Monday July 26, 2010.

f. Proposed/Approved Work Plan Modifications

None

TABLE 22-1
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 2

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
June 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	6/16/2010	17.01	See Note 2 regarding depth to water					972.81

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)
JUNE 2010

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

a. <u>Activities Undertaken/Completed</u>

- Conducted routine groundwater elevation and NAPL monitoring activities. Approximately 7.8 gallons of LNAPL were removed by the automatic skimmer located in well 51-21, and approximately 4.0 gallons of LNAPL were removed by the automatic skimmer located in well GMA3-17 (see Table 23-3). An additional 6.181 liters (1.631 gallons) of LNAPL were manually removed from the wells in this area during June (see Table 23-4).

- Conducted PCB, VOC, SVOC, and metals analysis of purge water from well development activities, as noted in Table 23-1.

b. <u>Sampling/Test Results Received</u>

- See attached tables.

- Preliminary analytical results received in June 2010 from the Spring 2010 GMA 3 interim groundwater quality monitoring event are shown in Table 23-2. These preliminary results have been compared to the applicable Method 1 GW-3 groundwater standards and UCLs for groundwater set forth in the MCP. (None of these results came from any designated GW-2 monitoring wells.) These comparisons indicate the following:

  - The MCP UCL for chlorobenzene in groundwater (10 ppm) was exceeded in the sample from monitoring well 89A (which is a designated natural attenuation well). Similar exceedances were previously observed in this well.

  - There were no other exceedances of UCLs in any of the groundwater sample results received in June 2010.

  - The MCP GW-3 standards were not exceeded in any of the groundwater sample results received in June 2010 from GW-3 compliance point wells.

  - Although well 89A is a natural attenuation well and not a monitoring point for GW-3 standards, we note, for completeness, that the concentration of chlorobenzene in the sample from this well was greater than the MCP GW-3 standard for this constituent (1 ppm). Similar observations were made during prior sampling events at this well.

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

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine groundwater and NAPL monitoring/recovery activities.

- Begin preparation of Spring 2010 Groundwater Quality and NAPL Monitoring Interim Report (due to EPA by August 31, 2010).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

None

TABLE 23-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JUNE 2010

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Purge Water Waste Analysis	GMA-3	6/22/10	Water	SGS	PCB, VOC, SVOC, Total RCRA 8 Metals	
Semi-Annual Groundwater Sampling	6B-R	4/29/10	Groundwater	SGS	VOC	6/2/10
Semi-Annual Groundwater Sampling	89A	4/29/10	Groundwater	SGS	VOC, SVOC - Limited, Natural Attenuation	6/2/10
Semi-Annual Groundwater Sampling	89B	4/29/10	Groundwater	SGS	VOC, SVOC - Limited, Natural Attenuation	6/2/10
Semi-Annual Groundwater Sampling	89D-R	4/29/10	Groundwater	SGS	VOC, SVOC - Limited, Natural Attenuation	6/2/10

TABLE 23-2
DATA RECEIVED DURING JUNE 2010

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

Parameter / Sample ID: / Date Collected:	6B-R 04/29/10	89A 04/29/10	89B 04/29/10	89D-R 04/29/10
Volatile Organics				
Benzene	2.3	6.8	0.0074 J	0.091
Chlorobenzene	0.90	32	0.092	0.30
Ethylbenzene	ND(0.10)	ND(1.3)	0.0011 J	ND(0.020)
Methylene Chloride	0.020 J	ND(6.3)	ND(0.050)	ND(0.10)
Toluene	0.015 J	ND(1.3)	ND(0.010)	ND(0.020)
Total VOCs	3.2 J	39	0.10 J	0.39
Semivolatile Organics				
2-Chlorophenol	NA	0.021	0.0023 J	0.0054
4-Chlorophenol	NA	0.031	0.0049 J	0.024
Natural Attenuation Parameters				
Alkalinity	NA	320	190	87.0
Chloride	NA	260	130	39
Dissolved Iron	NA	0.0406 B	0.0472 B	0.120
Dissolved Organic Carbon	NA	6.29	1.89	3.25
Ethane	NA	0.063	ND(0.0090)	ND(0.0090)
Ethene	NA	0.29	ND(0.0070)	0.011
Methane	NA	1.60	0.630	0.0360
Nitrate Nitrogen	NA	ND(0.300)	ND(0.300)	ND(0.300)
Nitrite Nitrogen	NA	ND(0.300)	ND(0.300)	ND(0.300)
Sulfate (turbidimetric)	NA	2.80	ND(2.00)	4.70

Notes:

1. Samples were collected by ARCADIS and submitted to SGS Environmental Services, Inc. for analysis of volatiles, selected semivolatiles and natural attenuation parameters.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. With the exception of natural attenuation parameters only those constituents detected in one or more samples are summarized.

Data Qualifiers:

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

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

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

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

Recovery Well	Month	Vol. LNAPL Collected (gallons)
51-21	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
	April 2010	2.0
	May 2010	0.6
	June 2010	7.8
GMA3-17	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
	April 2010	1.1
	May 2010	1.4
	June 2010	4.0

TABLE 23-4
MEASUREMENT AND REMOVAL OF RECOVERABLE LNAPL
GROUNDWATER MANAGEMENT AREA 3

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	June 2010 Removal (liters)
51-08	6/1/2010	11.90	10.91	0.99	0.611	**3.036**
	6/8/2010	12.03	11.05	0.98	0.605	
	6/15/2010	11.90	10.95	0.95	0.586	
	6/22/2010	12.20	11.15	1.05	0.648	
	6/29/2010	12.15	11.20	0.95	0.586	
51-17	6/15/2010	11.40	10.10	1.30	0.802	**0.802**
59-03R	6/15/2010	11.94	11.53	0.41	0.253	**0.253**
GMA3-10	6/15/2010	11.60	11.30	0.30	0.185	**0.567**
	6/23/2010	11.65	11.35	0.30	0.185	
	6/29/2010	11.80	11.48	0.32	0.197	
GMA3-12	6/8/2010	11.88	11.63	0.25	0.618	**1.261**
	6/29/2010	12.15	11.89	0.26	0.643	
GMA3-13	6/1/2010	11.32	11.30	0.02	0.012	**0.203**
	6/8/2010	11.44	11.40	0.04	0.025	
	6/15/2010	11.50	11.48	0.02	0.012	
	6/22/2010	11.60	11.43	0.17	0.105	
	6/29/2010	11.75	11.67	0.08	0.049	
UB-PZ-3	6/15/2010	12.32	12.15	0.17	0.059	**0.059**

Total LNAPL Removed for June 2010: 6.181 liters
1.631 gallons

Notes:

1. ft BMP - feet Below Measuring Point.

TABLE 23-5
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
June 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	6/15/2010	10.28	---	0.00	---	10.45	0.00	986.08
51-06	997.29	6/15/2010	10.84	---	0.00	---	14.25	0.00	986.45
51-07	997.08	6/15/2010	10.92	---	0.00	---	13.05	0.00	986.16
51-08	997.08	6/1/2010	11.90	10.91	0.99	---	14.60	0.00	986.10
51-08	997.08	6/8/2010	12.03	11.05	0.98	---	14.60	0.00	985.96
51-08	997.08	6/15/2010	11.90	10.95	0.95	---	14.60	0.00	986.06
51-08	997.08	6/22/2010	12.20	11.15	1.05	---	14.60	0.00	985.86
51-08	997.08	6/29/2010	12.15	11.20	0.95	---	14.60	0.00	985.81
51-09	997.66	6/15/2010	11.15	---	0.00	---	14.60	0.00	986.51
51-11	994.37	6/15/2010	8.53	---	0.00	---	13.55	0.00	985.84
51-12	996.55	6/15/2010	7.55	---	0.00	---	13.55	0.00	989.00
51-13	997.28	6/15/2010	11.20	---	0.00	---	13.75	0.00	986.08
51-14	996.64	6/15/2010	10.60	---	0.00	---	14.50	0.00	986.04
51-15	996.43	6/15/2010	10.33	10.30	0.03	---	14.30	0.00	986.13
51-16R	996.39	6/15/2010	10.45	10.31	0.14	---	14.50	0.00	986.07
51-17	996.43	6/15/2010	11.40	10.10	1.30	---	14.50	0.00	986.24
51-18	997.12	6/15/2010	11.10	---	0.00	---	12.60	0.00	986.02
51-19	996.43	6/15/2010	12.60	12.58	0.02	---	14.07	0.00	983.85
51-21	1,001.49	6/2/2010	15.51	P	< 0.01	---	NM	0.00	985.98
51-21	1,001.49	6/9/2010	15.63	---	0.00	---	NM	0.00	985.86
51-21	1,001.49	6/15/2010	15.43	P	< 0.01	---	NM	0.00	986.06
51-21	1,001.49	6/23/2010	15.70	P	< 0.01	---	NM	0.00	985.79
51-21	1,001.49	6/29/2010	15.86	15.83	0.03	---	NM	0.00	985.66
59-01	997.52	6/15/2010	11.50	11.45	0.05	---	18.10	0.00	986.07
59-03R	997.64	6/15/2010	11.94	11.53	0.41	---	17.02	0.00	986.08
59-07	997.96	6/15/2010	11.76	11.74	0.02	---	23.44	0.00	986.22
078B-R	988.83	6/15/2010	2.20	---	0.00	---	11.71	0.00	986.63
GMA3-10	997.54	6/1/2010	11.30	11.13	0.17	---	17.68	0.00	986.40
GMA3-10	997.54	6/3/2010	11.35	11.18	0.17	---	17.68	0.00	986.35
GMA3-10	997.54	6/8/2010	11.38	11.23	0.15	---	17.70	0.00	986.30
GMA3-10	997.54	6/9/2010	11.44	11.24	0.20	---	17.69	0.00	986.29
GMA3-10	997.54	6/15/2010	11.60	11.30	0.30	---	17.70	0.00	986.22
GMA3-10	997.54	6/17/2010	11.41	11.29	0.12	---	17.70	0.00	986.24
GMA3-10	997.54	6/22/2010	11.50	11.35	0.15	---	17.68	0.00	986.18
GMA3-10	997.54	6/23/2010	11.65	11.35	0.30	---	17.68	0.00	986.17
GMA3-10	997.54	6/29/2010	11.80	11.48	0.32	---	17.68	0.00	986.04
GMA3-10	997.54	6/30/2010	11.68	11.51	0.17	---	17.68	0.00	986.02
GMA3-11	997.25	6/15/2010	10.60	---	0.00	---	17.90	0.00	986.65
GMA3-12	997.84	6/1/2010	11.71	11.52	0.19	---	21.18	0.00	986.31
GMA3-12	997.84	6/8/2010	11.88	11.63	0.25	---	21.18	0.00	986.19
GMA3-12	997.84	6/15/2010	11.85	11.65	0.20	---	21.25	0.00	986.18
GMA3-12	997.84	6/22/2010	11.83	11.73	0.10	---	21.18	0.00	986.10
GMA3-12	997.84	6/29/2010	12.15	11.89	0.26	---	21.15	0.00	985.93
GMA3-13	997.73	6/1/2010	11.32	11.30	0.02	---	17.40	0.00	986.43
GMA3-13	997.73	6/8/2010	11.44	11.40	0.04	---	17.40	0.00	986.33
GMA3-13	997.73	6/15/2010	11.50	11.48	0.02	---	17.40	0.00	986.25
GMA3-13	997.73	6/22/2010	11.60	11.43	0.17	---	17.40	0.00	986.29
GMA3-13	997.73	6/29/2010	11.75	11.67	0.08	---	17.40	0.00	986.05
GMA3-14	997.42	6/15/2010	11.00	---	0.00	---	16.35	0.00	986.42
GMA3-16	989.26	6/15/2010	2.30	---	0.00	---	12.22	0.00	986.96
GMA3-17	1,002.00	6/2/2010	17.36	P	< 0.01	---	NM	0.00	984.64
GMA3-17	1,002.00	6/9/2010	17.48	---	0.00	---	NM	0.00	984.52
GMA3-17	1,002.00	6/15/2010	17.44	17.43	0.01	---	NM	0.00	984.57
GMA3-17	1,002.00	6/23/2010	17.55	P	< 0.01	---	NM	0.00	984.45
GMA3-17	1,002.00	6/29/2010	17.65	P	< 0.01	---	NM	0.00	984.35
UB-MW-10	995.99	6/15/2010	9.85	---	0.00	---	14.20	0.00	986.14
UB-PZ-3	998.15	6/15/2010	12.32	12.15	0.17	---	13.52	0.00	985.99

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)
JUNE 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.

- Conducted PCB, VOC, SVOC, and metals analysis of purge water from well development activities, as noted in Table 24-1.

- Retrieved passive diffusion bags that were installed at six monitoring wells where drawdown was found to be excessive during prior sampling rounds or was not within or near the 0.3 foot displacement goal during low-flow purging conducted during the Spring 2010 sampling event. Groundwater samples from the bags were collected and analyzed for VOCs (as shown in Table 24-1), completing the Spring 2010 interim groundwater sampling event.

b. Sampling/Test Results Received

- See attached tables.

- Preliminary analytical results received in June 2010 from the Spring 2010 GMA 4 interim groundwater quality monitoring event are shown in Table 24-3. These preliminary results have been compared to the applicable Method 1 GW-2 and GW-3 groundwater standards and UCLs for groundwater set forth in the MCP. (Note that under this monitoring program, samples collected for analysis of PCBs and/or metals are analyzed in filtered form only.) There were no exceedances of any of the applicable groundwater standards or UCLs in any of the groundwater sample results received in June 2010.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine monthly monitoring at well GMA4-3.

- Begin preparation of Spring 2010 Groundwater Quality Monitoring Interim Report (due to EPA by August 31, 2010).

ITEM 24
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 3 (GMA 4)
(GECD340)
JUNE 2010

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

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

GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Purge Water from Well Development Activities in Spring 2010	E2489-SUB14E	4/29/10	Water	SGS	PCB, VOC, SVOC, RCRA 8 Metals	6/2/10
Purge Water Waste Analysis	GMA-4	6/22/10	Water	SGS	PCB, VOC, SVOC, Total RCRA 8 Metals	
Semi-Annual Groundwater Sampling	78-1	4/30/10	Groundwater	SGS	PCB (f), SVOC, Metals (f), PAC CN (f), Sulfide, PCDD/PCDF	6/3/10
Semi-Annual Groundwater Sampling	78-1	5/10/10	Groundwater	SGS	VOC	6/4/10
Semi-Annual Groundwater Sampling	78-6	5/4/10	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	6/3/10
Semi-Annual Groundwater Sampling	GMA4-2	5/11/10	Groundwater	SGS	PCB (f)	6/4/10
Semi-Annual Groundwater Sampling	GMA4-3	5/11/10	Groundwater	SGS	PCB (f)	6/4/10
Semi-Annual Groundwater Sampling	GMA4-5	5/12/10	Groundwater	SGS	VOC	6/8/10
Semi-Annual Groundwater Sampling	GMA4-6	4/29/10	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), PAC CN (f), Sulfide, PCDD/PCDF	6/2/10
Semi-Annual Groundwater Sampling	GMA4-7D	5/12/10	Groundwater	SGS	VOC	6/8/10
Semi-Annual Groundwater Sampling	GMA4-7S	5/12/10	Groundwater	SGS	VOC	6/8/10
Semi-Annual Groundwater Sampling	GMA4-8	6/9/10	Groundwater	SGS	VOC	6/25/10
Semi-Annual Groundwater Sampling	GMA4-9	5/13/10	Groundwater	SGS	VOC	6/8/10
Semi-Annual Groundwater Sampling	GMA4DUP043010 (OPCA-MW-6)	4/30/10	Groundwater	SGS	SVOC	6/3/10
Semi-Annual Groundwater Sampling	GMA4DUP051010 (OPCA-MW-6)	5/10/10	Groundwater	SGS	PCB (f), VOC, Metals (f), PAC CN (f), Sulfide, PCDD/PCDF	6/4/10
Semi-Annual Groundwater Sampling	GMA4DUP051310 (H78B-16)	5/13/10	Groundwater	SGS	VOC	6/8/10
Semi-Annual Groundwater Sampling	GMA4DUP060910 (OPCA-MW-7)	6/9/10	Groundwater	SGS	VOC	6/25/10
Semi-Annual Groundwater Sampling	H78B-15	5/11/10	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), PAC CN (f), Sulfide, PCDD/PCDF	6/4/10
Semi-Annual Groundwater Sampling	H78B-16	5/13/10	Groundwater	SGS	VOC	6/8/10
Semi-Annual Groundwater Sampling	H78B-17R	6/9/10	Groundwater	SGS	VOC	6/25/10
Semi-Annual Groundwater Sampling	NY-2	6/9/10	Groundwater	SGS	VOC	6/25/10
Semi-Annual Groundwater Sampling	OPCA-MW-1RR	5/12/10	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), PAC CN (f), Sulfide, PCDD/PCDF	6/8/10
Semi-Annual Groundwater Sampling	OPCA-MW-2R	5/5/10	Groundwater	SGS	PCB (f), SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	6/3/10
Semi-Annual Groundwater Sampling	OPCA-MW-2R	6/9/10	Groundwater	SGS	VOC	6/25/10
Semi-Annual Groundwater Sampling	OPCA-MW-3	5/13/10	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), PAC CN (f), Sulfide, PCDD/PCDF	6/8/10
Semi-Annual Groundwater Sampling	OPCA-MW-4	5/4/10	Groundwater	SGS	PCB (f), SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	6/3/10
Semi-Annual Groundwater Sampling	OPCA-MW-4	6/9/10	Groundwater	SGS	VOC	6/25/10
Semi-Annual Groundwater Sampling	OPCA-MW-5R	5/12/10	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), PAC CN (f), Sulfide, PCDD/PCDF	6/8/10
Semi-Annual Groundwater Sampling	OPCA-MW-6	5/10/10	Groundwater	SGS	PCB (f), VOC, Metals (f), PAC CN (f), Sulfide, PCDD/PCDF	6/4/10
Semi-Annual Groundwater Sampling	OPCA-MW-6	4/30/10	Groundwater	SGS	SVOC	6/3/10
Semi-Annual Groundwater Sampling	OPCA-MW-7	5/12/10	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), PAC CN (f), Sulfide, PCDD/PCDF	6/8/10
Semi-Annual Groundwater Sampling	OPCA-MW-7	6/9/10	Groundwater	SGS	VOC	6/25/10
Semi-Annual Groundwater Sampling	OPCA-MW-8R	5/11/10	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), PAC CN (f), Sulfide, PCDD/PCDF	6/4/10

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

TABLE 24-2
DATA RECEIVED DURING JUNE 2010

PURGE WATER FROM WELL DEVELOPMENT ACTIVITIES IN SPRING 2010
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	E2489-SUB14E 04/29/10
Volatile Organics	
None Detected	--
PCBs-Unfiltered	
Aroclor-1254	0.013
Total PCBs	0.013
Semivolatile Organics	
None Detected	--
Inorganics-Unfiltered	
Barium	0.0795 B

Notes:

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

Data Qualifiers:

Inorganics

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

TABLE 24-3
DATA RECEIVED DURING JUNE 2010

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

Parameter / Sample ID: / Date Collected:	78-1 4/30-05/10/10	78-6 05/04/10	GMA4-2 05/11/10	GMA4-3 05/11/10	GMA4-5 05/12/10
Volatile Organics					
2-Butanone	ND(0.0050)	ND(0.0050)	NA	NA	ND(0.0050)
Acetone	ND(0.0050)	ND(0.0050)	NA	NA	ND(0.0050)
Acetonitrile	ND(0.020)	ND(0.020)	NA	NA	ND(0.020)
Bromoform	ND(0.0010)	ND(0.0010)	NA	NA	ND(0.0010)
Chlorobenzene	ND(0.0010)	ND(0.0010)	NA	NA	0.00024 J
Chloroform	ND(0.0010)	ND(0.0010)	NA	NA	ND(0.0010)
Dibromochloromethane	ND(0.0010)	ND(0.0010)	NA	NA	ND(0.0010)
Methylene Chloride	ND(0.0050)	ND(0.0050)	NA	NA	ND(0.0050)
Tetrachloroethene	ND(0.0010)	ND(0.0010)	NA	NA	ND(0.0010)
Trichloroethene	ND(0.0010)	ND(0.0010)	NA	NA	ND(0.0010)
Vinyl Chloride	ND(0.0010)	ND(0.0010)	NA	NA	ND(0.0010)
Xylenes (total)	ND(0.0010)	ND(0.0010)	NA	NA	ND(0.0010)
Total VOCs	ND(0.10)	ND(0.10)	NA	NA	0.00024 J
PCBs-Filtered					
Total PCBs	ND(0.000065)	ND(0.000067)	ND(0.000067)	ND(0.000067)	NA
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.0053)	ND(0.0052)	NA	NA	NA
1,4-Dichlorobenzene	ND(0.0053)	ND(0.0052)	NA	NA	NA
Diethylphthalate	ND(0.0053)	ND(0.0052)	NA	NA	NA
Furans					
2,3,7,8-TCDF	ND(0.0000000044)	ND(0.0000000038)	NA	NA	NA
TCDFs (total)	0.0000000089	ND(0.0000000038)	NA	NA	NA
1,2,3,7,8-PeCDF	ND(0.0000000052) X	ND(0.0000000043)	NA	NA	NA
2,3,4,7,8-PeCDF	ND(0.0000000026)	ND(0.0000000042)	NA	NA	NA
PeCDFs (total)	ND(0.0000000027)	ND(0.0000000043)	NA	NA	NA
1,2,3,4,7,8-HxCDF	ND(0.0000000021)	ND(0.0000000032)	NA	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.0000000018)	ND(0.0000000027)	NA	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.0000000023)	ND(0.0000000035)	NA	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.0000000020)	ND(0.0000000030)	NA	NA	NA
HxCDFs (total)	ND(0.0000000023)	ND(0.0000000035)	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	ND(0.0000000028)	ND(0.0000000033)	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000000035)	ND(0.0000000041)	NA	NA	NA
HpCDFs (total)	ND(0.0000000035)	ND(0.0000000041)	NA	NA	NA
OCDF	ND(0.0000000075)	ND(0.0000000085)	NA	NA	NA
Dioxins					
2,3,7,8-TCDD	ND(0.0000000033)	ND(0.0000000038)	NA	NA	NA
TCDDs (total)	ND(0.0000000033)	ND(0.0000000038)	NA	NA	NA
1,2,3,7,8-PeCDD	ND(0.0000000029)	ND(0.0000000046)	NA	NA	NA
PeCDDs (total)	ND(0.0000000029)	ND(0.0000000046)	NA	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.0000000035)	ND(0.0000000056)	NA	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.0000000031)	ND(0.0000000049)	NA	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.0000000033)	ND(0.0000000053)	NA	NA	NA
HxCDDs (total)	ND(0.0000000035)	ND(0.0000000056)	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	ND(0.0000000047)	ND(0.0000000075)	NA	NA	NA
HpCDDs (total)	ND(0.0000000047)	ND(0.0000000075)	NA	NA	NA
OCDD	0.000000010 J	0.000000038 J	NA	NA	NA
Total TEQs (WHO TEFs)	0.0000000051	0.0000000070	NA	NA	NA

TABLE 24-3
DATA RECEIVED DURING JUNE 2010

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

Parameter / Sample ID: / Date Collected:	78-1 4/30-05/10/10	78-6 05/04/10	GMA4-2 05/11/10	GMA4-3 05/11/10	GMA4-5 05/12/10
Inorganics-Unfiltered					
Sulfide	ND(1.00)	ND(1.00)	NA	NA	NA
Inorganics-Filtered					
Barium	0.0652 B	0.0419 B	NA	NA	NA
Cadmium	ND(0.00300)	0.000200 B	NA	NA	NA
Chromium	0.00405 B	ND(0.0100)	NA	NA	NA
Copper	0.00281 B	0.00193 B	NA	NA	NA
Nickel	0.00326 B	ND(0.0500)	NA	NA	NA
Selenium	0.00294 B	ND(0.0200)	NA	NA	NA
Silver	0.000290 B	0.000500 B	NA	NA	NA
Thallium	ND(0.0100)	0.00752 B	NA	NA	NA
Tin	ND(0.100)	ND(0.100)	NA	NA	NA
Vanadium	ND(0.0500)	ND(0.0500)	NA	NA	NA
Zinc	0.00539 B	0.00457 B	NA	NA	NA

TABLE 24-3
DATA RECEIVED DURING JUNE 2010

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

Parameter / Sample ID: / Date Collected:	GMA4-6 04/29/10	GMA4-7D 05/12/10	GMA4-7S 05/12/10	GMA4-8 06/09/10	GMA4-9 05/13/10
Volatile Organics					
2-Butanone	ND(0.0050)	0.0036 J	ND(0.0050)	ND(0.0050)	ND(0.10)
Acetone	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.0096	ND(0.10)
Acetonitrile	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.40)
Bromoform	0.00069 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.020)
Chlorobenzene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.020)
Chloroform	0.0021	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.020)
Dibromochloromethane	0.00017 J	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.020)
Methylene Chloride	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.10)
Tetrachloroethene	0.00068 J	0.0073	0.011	ND(0.0010)	0.36
Trichloroethene	ND(0.0010)	0.00020 J	0.00040 J	ND(0.0010)	0.0070 J
Vinyl Chloride	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.020)
Xylenes (total)	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.00026 J	ND(0.020)
Total VOCs	0.0036 J	0.011 J	0.011 J	0.0099 J	0.37
PCBs-Filtered					
Total PCBs	ND(0.000065)	NA	NA	NA	NA
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.0051)	NA	NA	NA	NA
1,4-Dichlorobenzene	ND(0.0051)	NA	NA	NA	NA
Diethylphthalate	ND(0.0051)	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	ND(0.0000000022)	NA	NA	NA	NA
TCDFs (total)	ND(0.0000000022)	NA	NA	NA	NA
1,2,3,7,8-PeCDF	ND(0.0000000025)	NA	NA	NA	NA
2,3,4,7,8-PeCDF	ND(0.0000000025)	NA	NA	NA	NA
PeCDFs (total)	ND(0.0000000025)	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	ND(0.0000000049)	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.0000000047)	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.0000000054)	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.0000000049)	NA	NA	NA	NA
HxCDFs (total)	ND(0.0000000054)	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	ND(0.0000000040)	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000000047)	NA	NA	NA	NA
HpCDFs (total)	ND(0.0000000047)	NA	NA	NA	NA
OCDF	ND(0.0000000061)	NA	NA	NA	NA
Dioxins					
2,3,7,8-TCDD	ND(0.0000000024)	NA	NA	NA	NA
TCDDs (total)	ND(0.0000000024)	NA	NA	NA	NA
1,2,3,7,8-PeCDD	ND(0.0000000029)	NA	NA	NA	NA
PeCDDs (total)	ND(0.0000000029)	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.0000000092)	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.0000000097)	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.0000000094)	NA	NA	NA	NA
HxCDDs (total)	ND(0.0000000097)	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	ND(0.0000000079)	NA	NA	NA	NA
HpCDDs (total)	ND(0.0000000079)	NA	NA	NA	NA
OCDD	0.000000025 J	NA	NA	NA	NA
Total TEQs (WHO TEFs)	0.0000000059	NA	NA	NA	NA

TABLE 24-3
DATA RECEIVED DURING JUNE 2010

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

Parameter / Sample ID: / Date Collected:	GMA4-6 04/29/10	GMA4-7D 05/12/10	GMA4-7S 05/12/10	GMA4-8 06/09/10	GMA4-9 05/13/10
Inorganics-Unfiltered					
Sulfide	ND(1.00)	NA	NA	NA	NA
Inorganics-Filtered					
Barium	0.0293 B	NA	NA	NA	NA
Cadmium	0.000200 B	NA	NA	NA	NA
Chromium	0.00349 B	NA	NA	NA	NA
Copper	ND(0.200)	NA	NA	NA	NA
Nickel	0.00518 B	NA	NA	NA	NA
Selenium	ND(0.0200)	NA	NA	NA	NA
Silver	0.000380 B	NA	NA	NA	NA
Thallium	ND(0.0100)	NA	NA	NA	NA
Tin	ND(0.100)	NA	NA	NA	NA
Vanadium	ND(0.0500)	NA	NA	NA	NA
Zinc	0.0308 B	NA	NA	NA	NA

TABLE 24-3
DATA RECEIVED DURING JUNE 2010

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

Parameter / Sample ID: / Date Collected:	H78B-15 05/11/10	H78B-16 05/13/10	H78B-17R 06/09/10	NY-2 06/09/10	OPCA-MW-1RR 05/12/10
Volatile Organics					
2-Butanone	ND(0.0050)	ND(0.020) [ND(0.020)]	ND(0.10)	ND(0.0050)	ND(1.0)
Acetone	ND(0.0050)	ND(0.020) [ND(0.020)]	ND(0.10)	0.0097	ND(1.0)
Acetonitrile	ND(0.020)	ND(0.080) [ND(0.080)]	0.19 J	ND(0.020)	ND(4.0)
Bromoform	ND(0.0010)	ND(0.0040) [ND(0.0040)]	ND(0.020)	ND(0.0010)	ND(0.20)
Chlorobenzene	ND(0.0010)	0.0094 [0.0088]	ND(0.020)	ND(0.0010)	ND(0.20)
Chloroform	ND(0.0010)	ND(0.0040) [ND(0.0040)]	0.012 J	ND(0.0010)	ND(0.20)
Dibromochloromethane	ND(0.0010)	ND(0.0040) [ND(0.0040)]	ND(0.020)	ND(0.0010)	ND(0.20)
Methylene Chloride	ND(0.0050)	0.0015 J [ND(0.020)]	ND(0.10)	ND(0.0050)	ND(1.0)
Tetrachloroethene	ND(0.0010)	0.0013 J [0.0010 J]	ND(0.020)	ND(0.0010)	4.4
Trichloroethene	ND(0.0010)	0.080 [0.071]	0.072	ND(0.0010)	0.036 J
Vinyl Chloride	ND(0.0010)	0.0046 [0.0046]	ND(0.020)	ND(0.0010)	ND(0.20)
Xylenes (total)	ND(0.0010)	ND(0.0040) [ND(0.0040)]	ND(0.020)	ND(0.0010)	ND(0.20)
Total VOCs	ND(0.10)	0.097 J [0.085 J]	0.27 J	0.0097	4.4 J
PCBs-Filtered					
Total PCBs	ND(0.000070)	NA	NA	NA	ND(0.00010)
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.0059)	NA	NA	NA	ND(0.0051)
1,4-Dichlorobenzene	ND(0.0059)	NA	NA	NA	ND(0.0051)
Diethylphthalate	ND(0.0059)	NA	NA	NA	ND(0.0051)
Furans					
2,3,7,8-TCDF	0.0000000051 J	NA	NA	NA	ND(0.00000000076)
TCDFs (total)	0.000000024	NA	NA	NA	0.0000000012
1,2,3,7,8-PeCDF	0.0000000042 J	NA	NA	NA	ND(0.00000000073) X
2,3,4,7,8-PeCDF	ND(0.0000000017)	NA	NA	NA	0.00000000057 J
PeCDFs (total)	0.000000015	NA	NA	NA	0.00000000057 I
1,2,3,4,7,8-HxCDF	ND(0.0000000011)	NA	NA	NA	ND(0.0000000010)
1,2,3,6,7,8-HxCDF	ND(0.00000000093)	NA	NA	NA	ND(0.00000000089)
1,2,3,7,8,9-HxCDF	ND(0.0000000013)	NA	NA	NA	ND(0.0000000012)
2,3,4,6,7,8-HxCDF	ND(0.0000000010)	NA	NA	NA	ND(0.00000000099)
HxCDFs (total)	ND(0.0000000013)	NA	NA	NA	0.00000000044
1,2,3,4,6,7,8-HpCDF	ND(0.0000000012)	NA	NA	NA	ND(0.00000000089) X
1,2,3,4,7,8,9-HpCDF	ND(0.0000000016)	NA	NA	NA	ND(0.0000000017)
HpCDFs (total)	ND(0.0000000016)	NA	NA	NA	ND(0.0000000017)
OCDF	ND(0.0000000030)	NA	NA	NA	ND(0.0000000033)
Dioxins					
2,3,7,8-TCDD	ND(0.00000000070)	NA	NA	NA	ND(0.00000000069)
TCDDs (total)	ND(0.00000000070)	NA	NA	NA	ND(0.00000000069)
1,2,3,7,8-PeCDD	ND(0.00000000093)	NA	NA	NA	ND(0.00000000078)
PeCDDs (total)	ND(0.00000000093)	NA	NA	NA	ND(0.00000000078)
1,2,3,4,7,8-HxCDD	ND(0.0000000016)	NA	NA	NA	ND(0.0000000015)
1,2,3,6,7,8-HxCDD	ND(0.0000000014)	NA	NA	NA	ND(0.0000000013)
1,2,3,7,8,9-HxCDD	ND(0.0000000015)	NA	NA	NA	ND(0.0000000015)
HxCDDs (total)	ND(0.0000000016)	NA	NA	NA	ND(0.0000000015)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000019)	NA	NA	NA	ND(0.0000000022)
HpCDDs (total)	ND(0.0000000019)	NA	NA	NA	ND(0.0000000022)
OCDD	ND(0.0000000040)	NA	NA	NA	ND(0.0000000049)
Total TEQs (WHO TEFs)	0.0000000024	NA	NA	NA	0.0000000015

TABLE 24-3
DATA RECEIVED DURING JUNE 2010

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

Parameter / Sample ID: / Date Collected:	H78B-15 05/11/10	H78B-16 05/13/10	H78B-17R 06/09/10	NY-2 06/09/10	OPCA-MW-1RR 05/12/10
Inorganics-Unfiltered					
Sulfide	ND(1.00)	NA	NA	NA	1.30
Inorganics-Filtered					
Barium	0.0273 B	NA	NA	NA	0.0541 B
Cadmium	ND(0.00300)	NA	NA	NA	ND(0.00300)
Chromium	0.00304 B	NA	NA	NA	0.00153 B
Copper	0.00188 B	NA	NA	NA	ND(0.200)
Nickel	ND(0.0500)	NA	NA	NA	ND(0.0500)
Selenium	ND(0.0200)	NA	NA	NA	ND(0.0200)
Silver	ND(0.00500)	NA	NA	NA	ND(0.00500)
Thallium	ND(0.0100)	NA	NA	NA	ND(0.0100)
Tin	ND(0.100)	NA	NA	NA	0.0200 B
Vanadium	ND(0.0500)	NA	NA	NA	ND(0.0500)
Zinc	0.0166 B	NA	NA	NA	ND(0.0500)

TABLE 24-3
DATA RECEIVED DURING JUNE 2010

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

Parameter / Sample ID: / Date Collected:	OPCA-MW-2R 05/05/10	OPCA-MW-2R 06/09/10	OPCA-MW-3 05/13/10	OPCA-MW-4 05/04/10	OPCA-MW-4 06/09/10
Volatile Organics					
2-Butanone	NA	0.0014 J	ND(0.0050)	NA	ND(0.0050)
Acetone	NA	0.0088	ND(0.0050)	NA	0.0060
Acetonitrile	NA	ND(0.020)	ND(0.020)	NA	ND(0.020)
Bromoform	NA	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)
Chlorobenzene	NA	ND(0.0010)	ND(0.0010)	NA	0.00057 J
Chloroform	NA	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)
Dibromochloromethane	NA	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)
Methylene Chloride	NA	ND(0.0050)	ND(0.0050)	NA	ND(0.0050)
Tetrachloroethene	NA	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)
Trichloroethene	NA	ND(0.0010)	ND(0.0010)	NA	0.0011
Vinyl Chloride	NA	ND(0.0010)	ND(0.0010)	NA	ND(0.0010)
Xylenes (total)	NA	0.00025 J	ND(0.0010)	NA	0.00025 J
Total VOCs	NA	0.010 J	ND(0.10)	NA	0.0079 J
PCBs-Filtered					
Total PCBs	ND(0.000067)	NA	ND(0.00010)	ND(0.000066)	NA
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.0054)	NA	ND(0.0053)	0.0066	NA
1,4-Dichlorobenzene	ND(0.0054)	NA	ND(0.0053)	0.0012 J	NA
Diethylphthalate	ND(0.0054)	NA	ND(0.0053)	ND(0.0051)	NA
Furans					
2,3,7,8-TCDF	ND(0.0000000036)	NA	ND(0.0000000022) X	0.0000000069 J	NA
TCDFs (total)	ND(0.0000000036)	NA	0.0000000048	0.000000082 I	NA
1,2,3,7,8-PeCDF	ND(0.0000000025)	NA	ND(0.00000000079)	ND(0.000000011) X	NA
2,3,4,7,8-PeCDF	ND(0.0000000025)	NA	ND(0.00000000079)	ND(0.0000000081)	NA
PeCDFs (total)	ND(0.0000000025)	NA	0.0000000017	0.000000058	NA
1,2,3,4,7,8-HxCDF	ND(0.0000000024)	NA	ND(0.00000000086)	ND(0.0000000040)	NA
1,2,3,6,7,8-HxCDF	ND(0.0000000020)	NA	ND(0.00000000075)	ND(0.0000000034)	NA
1,2,3,7,8,9-HxCDF	ND(0.0000000026)	NA	ND(0.0000000010)	ND(0.0000000043)	NA
2,3,4,6,7,8-HxCDF	ND(0.0000000022)	NA	ND(0.00000000083)	ND(0.0000000037)	NA
HxCDFs (total)	ND(0.0000000026)	NA	ND(0.0000000010)	ND(0.0000000043)	NA
1,2,3,4,6,7,8-HpCDF	ND(0.0000000026)	NA	ND(0.00000000096)	ND(0.0000000025)	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000000032)	NA	ND(0.0000000013)	ND(0.0000000031)	NA
HpCDFs (total)	ND(0.0000000032)	NA	ND(0.0000000013)	ND(0.0000000031)	NA
OCDF	ND(0.0000000077)	NA	ND(0.0000000035)	ND(0.0000000070)	NA
Dioxins					
2,3,7,8-TCDD	ND(0.0000000033)	NA	ND(0.00000000060)	ND(0.0000000033)	NA
TCDDs (total)	ND(0.0000000033)	NA	ND(0.00000000060)	ND(0.0000000033)	NA
1,2,3,7,8-PeCDD	ND(0.0000000042)	NA	ND(0.0000000010)	ND(0.0000000043)	NA
PeCDDs (total)	ND(0.0000000042)	NA	ND(0.0000000010)	ND(0.0000000043)	NA
1,2,3,4,7,8-HxCDD	ND(0.0000000047)	NA	ND(0.0000000012)	ND(0.0000000055)	NA
1,2,3,6,7,8-HxCDD	ND(0.0000000041)	NA	ND(0.0000000010)	ND(0.0000000048)	NA
1,2,3,7,8,9-HxCDD	ND(0.0000000045)	NA	ND(0.0000000011)	ND(0.0000000052)	NA
HxCDDs (total)	ND(0.0000000047)	NA	ND(0.0000000012)	ND(0.0000000055)	NA
1,2,3,4,6,7,8-HpCDD	ND(0.0000000049)	NA	ND(0.0000000017)	ND(0.0000000046)	NA
HpCDDs (total)	ND(0.0000000049)	NA	ND(0.0000000017)	ND(0.0000000046)	NA
OCDD	ND(0.0000000086)	NA	ND(0.0000000037)	ND(0.0000000082)	NA
Total TEQs (WHO TEFs)	0.0000000058	NA	0.0000000015	0.0000000084	NA

TABLE 24-3
DATA RECEIVED DURING JUNE 2010

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

Parameter / Sample ID: / Date Collected:	OPCA-MW-2R 05/05/10	OPCA-MW-2R 06/09/10	OPCA-MW-3 05/13/10	OPCA-MW-4 05/04/10	OPCA-MW-4 06/09/10
Inorganics-Unfiltered					
Sulfide	2.20	NA	ND(1.00)	ND(1.00)	NA
Inorganics-Filtered					
Barium	0.0179 B	NA	0.0279 B	0.0166 B	NA
Cadmium	0.000240 B	NA	ND(0.00300)	0.000200 B	NA
Chromium	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)	NA
Copper	ND(0.0100)	NA	ND(0.200)	0.00195 B	NA
Nickel	ND(0.0100)	NA	0.00276 B	ND(0.0500)	NA
Selenium	ND(0.0200)	NA	ND(0.0200)	ND(0.0200)	NA
Silver	0.000410 B	NA	ND(0.00500)	0.000490 B	NA
Thallium	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)	NA
Tin	0.00262 B	NA	ND(0.100)	ND(0.100)	NA
Vanadium	ND(0.0500)	NA	ND(0.0500)	ND(0.0500)	NA
Zinc	0.00252 B	NA	0.00196 B	0.0102 B	NA

TABLE 24-3
DATA RECEIVED DURING JUNE 2010

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

Parameter / Sample ID: / Date Collected:	OPCA-MW-5R 05/12/10	OPCA-MW-6 4/30-05/10/10	OPCA-MW-7 05/12/10
Volatile Organics			
2-Butanone	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Acetone	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Acetonitrile	ND(0.020)	ND(0.020) [ND(0.020)]	ND(0.020)
Bromoform	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Chlorobenzene	0.0027	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Chloroform	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Dibromochloromethane	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Methylene Chloride	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Tetrachloroethene	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Trichloroethene	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Vinyl Chloride	0.00097 J	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Xylenes (total)	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Total VOCs	0.0037 J	ND(0.10) [ND(0.10)]	ND(0.10)
PCBs-Filtered			
Total PCBs	ND(0.00011)	ND(0.000069) [ND(0.000068)]	ND(0.00011)
Semivolatile Organics			
1,2,4-Trichlorobenzene	ND(0.0050)	ND(0.0054) [ND(0.0051)]	ND(0.0054)
1,4-Dichlorobenzene	0.00055 J	ND(0.0054) [ND(0.0051)]	ND(0.0054)
Diethylphthalate	ND(0.0050)	0.00080 J [ND(0.0051)]	ND(0.0054)
Furans			
2,3,7,8-TCDF	0.0000000049 J	ND(0.0000000031) [0.0000000058 J]	ND(0.00000000069)
TCDFs (total)	0.000000011	0.0000000064 [0.0000000095]	0.00000012
1,2,3,7,8-PeCDF	ND(0.00000000094)	ND(0.0000000020) [ND(0.0000000015) X]	ND(0.00000000048)
2,3,4,7,8-PeCDF	ND(0.0000000020) X	ND(0.0000000020) [ND(0.00000000086) X]	ND(0.00000000094)
PeCDFs (total)	0.0000000017	0.000000012 [0.0000000060]	0.00000012
1,2,3,4,7,8-HxCDF	ND(0.00000000094)	ND(0.0000000021) [ND(0.0000000017) X]	ND(0.0000000027) X
1,2,3,6,7,8-HxCDF	ND(0.00000000082)	ND(0.0000000018) [0.0000000013 J]	0.000000022 J
1,2,3,7,8,9-HxCDF	ND(0.0000000011)	ND(0.0000000023) [ND(0.0000000014) X]	ND(0.0000000013)
2,3,4,6,7,8-HxCDF	ND(0.00000000091)	ND(0.0000000020) [ND(0.00000000091)]	ND(0.0000000011)
HxCDFs (total)	ND(0.0000000011)	ND(0.0000000023) [0.0000000018]	0.000000047
1,2,3,4,6,7,8-HpCDF	ND(0.0000000010)	ND(0.0000000020) [ND(0.0000000013) X]	0.0000000033 J
1,2,3,4,7,8,9-HpCDF	ND(0.0000000014)	ND(0.0000000024) [ND(0.0000000012)]	ND(0.0000000015)
HpCDFs (total)	ND(0.0000000014)	ND(0.0000000024) [ND(0.0000000012)]	0.0000000062
OCDF	ND(0.0000000032)	ND(0.0000000063) [ND(0.0000000026)]	0.0000000046 J
Dioxins			
2,3,7,8-TCDD	ND(0.00000000071)	ND(0.0000000024) [ND(0.00000000059)]	ND(0.00000000059)
TCDDs (total)	ND(0.00000000074)	ND(0.0000000024) [ND(0.00000000062)]	ND(0.00000000059)
1,2,3,7,8-PeCDD	ND(0.00000000069)	ND(0.0000000021) [ND(0.00000000086)]	ND(0.00000000074)
PeCDDs (total)	ND(0.00000000069)	ND(0.0000000021) [ND(0.00000000086)]	ND(0.00000000074)
1,2,3,4,7,8-HxCDD	ND(0.0000000017)	ND(0.0000000028) [ND(0.0000000014)]	ND(0.0000000015)
1,2,3,6,7,8-HxCDD	ND(0.0000000014)	ND(0.0000000025) [ND(0.0000000012)]	ND(0.0000000013)
1,2,3,7,8,9-HxCDD	ND(0.0000000016)	ND(0.0000000027) [ND(0.0000000013)]	ND(0.0000000015)
HxCDDs (total)	ND(0.0000000017)	ND(0.0000000028) [ND(0.0000000014)]	ND(0.0000000015)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000020)	ND(0.0000000036) [ND(0.0000000016)]	0.0000000024 J
HpCDDs (total)	ND(0.0000000020)	ND(0.0000000051) [ND(0.0000000016)]	0.0000000057
OCDD	ND(0.0000000035)	ND(0.0000000068) [0.0000000054 J]	ND(0.0000000035)
Total TEQs (WHO TEFs)	0.0000000022	0.0000000038 [0.0000000021]	0.0000000035

TABLE 24-3
DATA RECEIVED DURING JUNE 2010

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

Parameter / Sample ID: / Date Collected:	OPCA-MW-5R 05/12/10	OPCA-MW-6 4/30-05/10/10	OPCA-MW-7 05/12/10
Inorganics-Unfiltered			
Sulfide	ND(1.00)	ND(1.00) [ND(1.00)]	ND(1.00)
Inorganics-Filtered			
Barium	0.0401 B	0.0246 B [0.0239 B]	ND(0.500)
Cadmium	ND(0.00300)	ND(0.00300) [ND(0.00300)]	ND(0.00300)
Chromium	ND(0.0100)	0.00328 B [0.00280 B]	ND(0.0100)
Copper	0.00176 B	ND(0.200) [0.00130 B]	ND(0.200)
Nickel	ND(0.0500)	ND(0.0500) [ND(0.0500)]	ND(0.0500)
Selenium	ND(0.0200)	ND(0.0200) [ND(0.0200)]	ND(0.0200)
Silver	ND(0.00500)	ND(0.00500) [ND(0.00500)]	ND(0.00500)
Thallium	ND(0.0100)	ND(0.0100) [ND(0.0100)]	ND(0.0100)
Tin	0.00241 B	ND(0.100) [ND(0.100)]	0.00611 B
Vanadium	ND(0.0500)	0.00856 B [ND(0.0500)]	ND(0.0500)
Zinc	0.101	0.0135 B [0.0140 B]	0.00503 B

TABLE 24-3
DATA RECEIVED DURING JUNE 2010

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

Parameter / Sample ID: / Date Collected:	OPCA-MW-7 06/09/10	OPCA-MW-8R 05/11/10
Volatile Organics		
2-Butanone	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Acetone	0.0055 [0.0057]	ND(0.0050)
Acetonitrile	ND(0.020) [ND(0.020)]	ND(0.020)
Bromoform	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Chlorobenzene	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Chloroform	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Dibromochloromethane	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Methylene Chloride	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Tetrachloroethene	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Trichloroethene	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Vinyl Chloride	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Xylenes (total)	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Total VOCs	0.0055 [0.0057]	ND(0.10)
PCBs-Filtered		
Total PCBs	NA	ND(0.000067)
Semivolatile Organics		
1,2,4-Trichlorobenzene	NA	ND(0.0058)
1,4-Dichlorobenzene	NA	ND(0.0058)
Diethylphthalate	NA	ND(0.0058)
Furans		
2,3,7,8-TCDF	NA	ND(0.0000000042)
TCDFs (total)	NA	ND(0.0000000042)
1,2,3,7,8-PeCDF	NA	ND(0.0000000025)
2,3,4,7,8-PeCDF	NA	ND(0.0000000025)
PeCDFs (total)	NA	ND(0.0000000025)
1,2,3,4,7,8-HxCDF	NA	ND(0.0000000032)
1,2,3,6,7,8-HxCDF	NA	ND(0.0000000027)
1,2,3,7,8,9-HxCDF	NA	ND(0.0000000035)
2,3,4,6,7,8-HxCDF	NA	ND(0.0000000030)
HxCDFs (total)	NA	ND(0.0000000035)
1,2,3,4,6,7,8-HpCDF	NA	ND(0.0000000032)
1,2,3,4,7,8,9-HpCDF	NA	ND(0.0000000040)
HpCDFs (total)	NA	ND(0.0000000040)
OCDF	NA	ND(0.000000011)
Dioxins		
2,3,7,8-TCDD	NA	ND(0.0000000040)
TCDDs (total)	NA	ND(0.0000000044)
1,2,3,7,8-PeCDD	NA	ND(0.0000000037)
PeCDDs (total)	NA	ND(0.0000000037)
1,2,3,4,7,8-HxCDD	NA	ND(0.0000000051)
1,2,3,6,7,8-HxCDD	NA	ND(0.0000000045)
1,2,3,7,8,9-HxCDD	NA	ND(0.0000000049)
HxCDDs (total)	NA	ND(0.0000000051)
1,2,3,4,6,7,8-HpCDD	NA	ND(0.0000000062)
HpCDDs (total)	NA	ND(0.0000000062)
OCDD	NA	ND(0.000000011)
Total TEQs (WHO TEFs)	NA	0.0000000061

TABLE 24-3
DATA RECEIVED DURING JUNE 2010

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

Parameter / Sample ID: / Date Collected:	OPCA-MW-7 06/09/10	OPCA-MW-8R 05/11/10
Inorganics-Unfiltered		
Sulfide	NA	ND(1.00)
Inorganics-Filtered		
Barium	NA	0.0300 B
Cadmium	NA	ND(0.00300)
Chromium	NA	0.00376 B
Copper	NA	ND(0.200)
Nickel	NA	ND(0.0500)
Selenium	NA	ND(0.0200)
Silver	NA	ND(0.00500)
Thallium	NA	0.00831 B
Tin	NA	ND(0.100)
Vanadium	NA	0.00677 B
Zinc	NA	0.0186 B

TABLE 24-3
DATA RECEIVED DURING JUNE 2010

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

Notes:

1. Samples were collected by ARCADIS and submitted to SGS Environmental Services, Inc. for analysis of PCBs and Appendix IX+3 constituents.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
4. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.
5. Field duplicate sample results are presented in brackets.
6. Sample OPCA-MW-7 collected on 05/12/10 was obtained by low-flow sampling method. Sample OPCA-MW-7 collected on 06/09/10 was obtained from passive diffision bags installed on 05/25//10.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles,dioxin/furans)

J - Indicates an estimated value less than the practical quantitation limit (PQL).
I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
X - Estimated maximum possible concentration.

Inorganics

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

TABLE 24-4
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 4

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
June 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	6/15/2010	17.70	---	0.00	---	26.24	0.00	986.25

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)
JUNE 2010

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

a. Activities Undertaken/Completed

Conducted PCB, VOC, SVOC, and metals analysis of purge water from well development activities, as noted in Table 25-1.

b. Sampling/Test Results Received

See attached table.

c. Work Plans/Reports/Documents Submitted

None

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

Begin preparation of Spring 2010 Long-Term Trend Evaluation Report (to be submitted in place of Spring 2010 Monitoring Event Evaluation Report – see Item 25f below).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

The Spring 2010 Long-Term Trend Evaluation Report is scheduled to be submitted within 60 days of receipt of the final laboratory data packages from the Spring 2010 sampling event. These data packages have not yet been received from the laboratory.

f. Proposed/Approved Work Plan Modifications

In its April 22, 2010 conditional approval letter related to the Fall 2009 Long-Term Trend Evaluation Report, EPA required GE to include additional statistical evaluations in the Spring 2010 Monitoring Event Evaluation Report. To comply with that condition, GE will prepare a Long-Term Trend Evaluation Report in place of a monitoring event evaluation report for Spring 2010.

TABLE 25-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JUNE 2010

GROUNDWATER MANAGEMENT AREA 5
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Purge Water Waste Analysis	E2488-1	6/24/10	Water	SGS	PCB, VOC, SVOC, Total RCRA Metals (8)	

ARCADIS

Attachment A

NPDES Sampling Records
and Results – June 2010

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

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	005-2Q-3M-1X-CP	6/7/10	Water	SGS	PCB	6/10/10
NPDES Sampling	005-2Q-3M-1X-CT	6/7/10	Water	Columbia	TSS	6/16/10
NPDES Sampling	005-2Q-3M-1X-GO	6/7/10	Water	Columbia	Oil & Grease	6/16/10
NPDES Sampling	005-2Q-3M-2X-CP	6/14/10	Water	SGS	PCB	6/17/10
NPDES Sampling	005-2Q-3M-2X-CT	6/14/10	Water	Columbia	TSS	6/22/10
NPDES Sampling	005-2Q-3M-2X-GO	6/14/10	Water	Columbia	Oil & Grease	6/22/10
NPDES Sampling	009W-2Q-3X-CP	6/1/10	Water	SGS	PCB	6/9/10
NPDES Sampling	009W-2Q-3X-CT	6/1/10	Water	Columbia	TSS	6/10/10
NPDES Sampling	05BW-2Q-1X-CP	6/1/10	Water	SGS	PCB	6/9/10
NPDES Sampling	05BW-2Q-1X-CT	6/1/10	Water	Columbia	TSS	6/10/10
NPDES Sampling	05BW-2Q-1X-GO	6/1/10	Water	Columbia	Oil & Grease	6/10/10
NPDES Sampling	06AW-2Q-1X-CP	6/12/10	Water	SGS	PCB	6/17/10
NPDES Sampling	06AW-2Q-1X-CT	6/12/10	Water	Columbia	TSS	6/22/10
NPDES Sampling	06AW-2Q-1X-GO	6/12/10	Water	Columbia	Oil & Grease	6/22/10
NPDES Sampling	09B-2Q-3X-CP	6/7/10	Water	SGS	PCB	6/10/10
NPDES Sampling	09B-2Q-3X-CT	6/7/10	Water	Columbia	TSS	6/16/10
NPDES Sampling	64G-2Q-3M-1X-CP	6/7/10	Water	SGS	PCB	6/10/10
NPDES Sampling	64G-2Q-3M-1X-CT	6/7/10	Water	Columbia	TSS	6/16/10
NPDES Sampling	64G-2Q-3M-1X-GO	6/7/10	Water	Columbia	Oil & Grease	6/16/10
NPDES Sampling	64G-2Q-3M-1X-GS	6/7/10	Water	Columbia	SVOC	6/16/10
NPDES Sampling	64G-2Q-3M-1X-GV	6/7/10	Water	Columbia	VOC	6/16/10
NPDES Sampling	64G-2Q-3M-2X-CP	6/14/10	Water	SGS	PCB	6/17/10
NPDES Sampling	64G-2Q-3M-2X-CT	6/14/10	Water	Columbia	TSS	6/22/10
NPDES Sampling	64G-2Q-3M-2X-GO	6/14/10	Water	Columbia	Oil & Grease	6/22/10
NPDES Sampling	64G-2Q-3M-2X-GS	6/14/10	Water	Columbia	SVOC	6/21/10
NPDES Sampling	64G-2Q-3M-2X-GV	6/14/10	Water	Columbia	VOC	6/21/10
NPDES Sampling	64G-A10153	6/14/10	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	64G-A10153	6/14/10	Water	Columbia	TOC, Alkalinity, Ammonia, Total Solids	6/23/10
NPDES Sampling	64G-A10153	6/14/10	Water	Columbia	Total Dissolved Solids	6/23/10
NPDES Sampling	64G-A10153TM	6/14/10	Water	Columbia	Total Metals (6)	6/23/10
NPDES Sampling	64G-A10157	6/16/10	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	64G-A10157	6/16/10	Water	Columbia	TOC, Alkalinity, Ammonia, Total Solids	6/28/10
NPDES Sampling	64G-A10157	6/16/10	Water	Columbia	Total Dissolved Solids	6/28/10
NPDES Sampling	64G-A10157TM	6/16/10	Water	Columbia	Total Metals (6)	6/28/10
NPDES Sampling	64G-A10159	6/18/10	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	64G-A10159	6/18/10	Water	Columbia	TOC, Alkalinity, Ammonia, Total Solids	

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

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	64G-A10159	6/18/10	Water	Columbia	Total Dissolved Solids	
NPDES Sampling	64G-A10159TM	6/18/10	Water	Columbia	Metals (6)	
NPDES Sampling	A10154R	6/14/10	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	A10154R	6/14/10	Water	Columbia	TOC, Alkalinity, Ammonia, Total Solids	6/23/10
NPDES Sampling	A10154R	6/14/10	Water	Columbia	Total Dissolved Solids	6/23/10
NPDES Sampling	A10154RTM	6/14/10	Water	Columbia	Total Metals (6)	6/23/10
NPDES Sampling	A10158R	6/16/10	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	A10158R	6/16/10	Water	Columbia	TOC, Alkalinity, Ammonia, Total Solids	6/28/10
NPDES Sampling	A10158R	6/16/10	Water	Columbia	Total Dissolved Solids	6/28/10
NPDES Sampling	A10158RTM	6/16/10	Water	Columbia	Total Metals (6)	6/28/10
NPDES Sampling	A10160R	6/18/10	Water	Columbia	Chronic Toxicity Test	
NPDES Sampling	A10160R	6/18/10	Water	Columbia	TOC, Alkalinity, Ammonia, Total Solids	
NPDES Sampling	A10160R	6/18/10	Water	Columbia	Total Dissolved Solids	
NPDES Sampling	A10160RTM	6/18/10	Water	Columbia	Metals (6)	

TABLE A-2
DATA RECEIVED DURING JUNE 2010

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

Parameter / Sample ID: / Date Collected:	005-2Q-3M-1X-CP 06/07/10	005-2Q-3M-1X-CT 06/07/10	005-2Q-3M-1X-GO 06/07/10	005-2Q-3M-2X-CP 06/14/10	005-2Q-3M-2X-CT 06/14/10	005-2Q-3M-2X-GO 06/14/10
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						
Aroclor-1254	0.000026	NA	NA	0.000010 J	NA	NA
Aroclor-1260	ND(0.000016)	NA	NA	0.000015 J	NA	NA
Total PCBs	0.000026	NA	NA	0.000025 J	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	NA	NA	ND(4.2)	NA	NA	ND(4.1)
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	ND(1.00)	NA	NA	ND(1.00)	NA

TABLE A-2
DATA RECEIVED DURING JUNE 2010

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

Parameter / Sample ID: / Date Collected:	05BW-2Q-1X-CP 06/01/10	05BW-2Q-1X-CT 06/01/10	05BW-2Q-1X-GO 06/01/10	06AW-2Q-1X-CP 06/12/10	06AW-2Q-1X-CT 06/12/10	06AW-2Q-1X-GO 06/12/10	09B-2Q-3X-CP 06/07/10
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							
Aroclor-1254	0.0017	NA	NA	0.00021	NA	NA	ND(0.000016)
Aroclor-1260	0.0026	NA	NA	0.00035	NA	NA	ND(0.000016)
Total PCBs	0.0043	NA	NA	0.00056	NA	NA	ND(0.000016)
Semivolatile Organics							
None Detected	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered							
Aluminum	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA
Conventional							
Alkalinity	NA	NA	NA	NA	NA	NA	NA
Ammonia Nitrogen	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	ND(4.2)	NA	NA	ND(4.2)	NA
Total Dissolved Solids	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	NA	NA	NA	NA	NA	NA	NA
Total Solids	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	39.6	NA	NA	108	NA	NA

TABLE A-2
DATA RECEIVED DURING JUNE 2010

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

Parameter / Sample ID: / Date Collected:	09B-2Q-3X-CT 06/07/10	009W-2Q-3X-CP 06/01/10	009W-2Q-3X-CT 06/01/10	64G-2Q-3M-1X-CP 06/07/10	64G-2Q-3M-1X-CT 06/07/10	64G-2Q-3M-1X-GO 06/07/10	64G-2Q-3M-1X-GS 06/07/10
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							
Aroclor-1254	NA	0.0028	NA	ND(0.000016)	NA	NA	NA
Aroclor-1260	NA	0.0027	NA	ND(0.000016)	NA	NA	NA
Total PCBs	NA	0.0055	NA	ND(0.000016)	NA	NA	NA
Semivolatile Organics							
None Detected	NA	NA	NA	NA	NA	NA	--
Inorganics-Unfiltered							
Aluminum	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA
Conventional							
Alkalinity	NA	NA	NA	NA	NA	NA	NA
Ammonia Nitrogen	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	NA	ND(4.2)	NA
Total Dissolved Solids	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	NA	NA	NA	NA	NA	NA	NA
Total Solids	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	3.30	NA	567	NA	ND(1.00)	NA	NA

TABLE A-2
DATA RECEIVED DURING JUNE 2010

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

Parameter / Sample ID: / Date Collected:	64G-2Q-3M-1X-GV 06/07/10	64G-2Q-3M-2X-CP 06/14/10	64G-2Q-3M-2X-CT 06/14/10	64G-2Q-3M-2X-GO 06/14/10	64G-2Q-3M-2X-GS 06/14/10	64G-2Q-3M-2X-GV 06/14/10
Volatile Organics						
1,1,1-Trichloroethane	0.00040 J	NA	NA	NA	NA	0.00036 J
1,1-Dichloroethane	0.00089 J	NA	NA	NA	NA	0.00076 J
Chloroethane	0.00094 J	NA	NA	NA	NA	0.00094 J
PCBs-Unfiltered						
Aroclor-1254	NA	ND(0.000024)	NA	NA	NA	NA
Aroclor-1260	NA	ND(0.000024)	NA	NA	NA	NA
Total PCBs	NA	ND(0.000024)	NA	NA	NA	NA
Semivolatile Organics						
None Detected	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	NA	NA	NA	ND(4.1)	NA	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	ND(1.00)	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING JUNE 2010

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

Parameter / Sample ID: / Date Collected:	64G-A10153 06/14/10	64G-A10153TM 06/14/10	64G-A10157 06/16/10	64G-A10157TM 06/16/10	A10154R 06/14/10	A10154RTM 06/14/10	A10158R 06/16/10	A10158RTM 06/16/10
Volatile Organics								
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered								
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics								
None Detected	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered								
Aluminum	NA	ND(0.0200)	NA	ND(0.0200)	NA	0.165	NA	0.0580
Cadmium	NA	ND(0.000500)	NA	ND(0.000500)	NA	ND(0.000500)	NA	ND(0.000500)
Copper	NA	0.00230	NA	0.00180	NA	ND(0.00100)	NA	ND(0.00100)
Lead	NA	ND(0.000500)	NA	ND(0.000500)	NA	ND(0.000500)	NA	0.000510
Nickel	NA	0.00200	NA	0.00270	NA	ND(0.00100)	NA	ND(0.00100)
Zinc	NA	ND(0.00500)	NA	0.00580	NA	ND(0.00500)	NA	0.00520
Conventional								
Alkalinity	397	NA	399	NA	59.7	NA	68.6	NA
Ammonia Nitrogen	0.0630	NA	ND(0.0500)	NA	ND(0.0500)	NA	ND(0.0500)	NA
Oil & Grease	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	686	NA	683	NA	88.0	NA	105	NA
Total Organic Carbon	6.5	NA	6.2	NA	6.3	NA	5.9	NA
Total Solids	700	NA	711	NA	103	NA	115	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

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

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles)

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

ARCADIS

Attachment B

NPDES Discharge
Monitoring Reports
May 2010

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	05/01/2010	TO	05/31/2010

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	7.1	******	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	0.1617	0.1849	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	******	******	******	1.995	******	2.160	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		06/23/2010
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	05/01/2010	**TO**	05/31/2010

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Flow, total	SAMPLE MEASUREMENT	0.1728	0.1801		******	******	******	******	0	CONT	RCORDR
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PROG TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(413) 448 5902 AREA Code / NUMBER		06/23/2010 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	FN	SVOC	FN	Metered Flow - MGD	Rainfall Total - In	Rainfall Peak - In
05/01/10													0.162920	0.00	0.00
05/02/10	7.10	7.30											0.164660	0.00	0.00
05/03/10			U4.20	1,G	U1.00	1,C	0	C	1.830	G	0	G	0.165560	0.00	0.00
05/04/10													0.149980	0.14	0.13
05/05/10													0.170640	0.10	0.10
05/06/10													0.173690	0.00	0.00
05/07/10													0.171550	0.04	0.03
05/08/10													0.144800	0.30	0.14
05/09/10	7.20	7.20											0.171230	0.59	0.25
05/10/10			U4.20	1,G	U1.00	1,C	0	C	2.160	G	0	G	0.180110	0.00	0.00
05/11/10													0.167820	0.00	0.00
05/12/10													0.155590	0.08	0.03
05/13/10													0.171910	0.03	0.01
05/14/10													0.167920	0.42	0.31
05/15/10													0.184930	0.00	0.00
05/16/10	7.10	7.20											0.139590	0.00	0.00
05/17/10													0.168460	0.00	0.00
05/18/10													0.171560	0.00	0.00
05/19/10													0.170250	0.40	0.18
05/20/10													0.140890	0.02	0.01
05/21/10													0.171010	0.00	0.00
05/22/10													0.171820	0.00	0.00
05/23/10	7.10	7.20											0.138540	0.00	0.00
05/24/10													0.167350	0.00	0.00
05/25/10													0.167250	0.00	0.00
05/26/10													0.137210	0.00	0.00
05/27/10													0.160750	0.03	0.02
05/28/10													0.164160	0.00	0.00
05/29/10													0.133590	0.00	0.00
05/30/10	7.10	7.20											0.157460	0.00	0.00
05/31/10													0.148980	0.00	0.00

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

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

May 12, 2010 Service Request No: R1002489

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

Laboratory Results for: GE -Pittsfield NPDES

Dear Mr. Coyle:

Enclosed are the results of the sample(s) submitted to our laboratory on May 4, 2010. For your reference, these analyses have been assigned our service request number **R1002489**.

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

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

Respectfully submitted,

Columbia Analytical Services, Inc.

Deb Patton
Project Manager

COLUMBIA ANALYTICAL SERVICES, INC.

Client:	GE-Pittsfield	**Service Request No.:**	R1002489
Project:	NPDES 5/2010	**Date Received:**	5/4/10
Sample Matrix:	Water		

CASE NARRATIVE

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

Sample Receipt

Two water samples and one Trip Blank were received for analysis at Columbia Analytical Services on 5/4/10. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were stored in a refrigerator between 1°C and 6°C upon receipt at the laboratory.

Volatile Organics

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

No analytical or quality control problems were encountered during analysis.

Extractable Organics

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

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 D Patton **Date** 5/13/10

CASE NARRATIVE

This report contains analytical results for the following samples:
Service Request Number: R1002489

Lab ID	Client ID
R1002489-001	64G-2Q2M-1X-GS
R1002489-003	64G-2Q2M-1X-GV
R1002489-005	Trip Blank

Columbia Analytical Services

REPORT QUALIFIERS

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

ACCREDITED IN ACCORDANCE WITH

CAS/Rochester Lab ID # for Massachusetts Certification

M-NY032

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

The Commonwealth of Massachusetts

Department of Environmental Protection

Division of Environmental Analysis
Senator William X. Wall Experiment Station

certifies

M-NY032

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

Laboratory Director: **Michael K. Perry**

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

pursuant to 310 CMR 42.00

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

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

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

Oscar C. Parcells

Director, Division of Environmental Analysis

Issued: **01 JUL 2009**
Expires: **30 JUN 2010**

00005

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 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

00005

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

Analytical Report

Client:	General Electric Company	**Service Request:**	R1002489
Project:	GE -Pittsfield NPDES	**Date Collected:**	5/ 3/10 0700
Sample Matrix:	Water	**Date Received:**	5/ 4/10
Sample Name:	64G-2Q2M-1X-GS	**Units:**	µg/L
Lab Code:	R1002489-001	**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	5/ 7/10	5/10/10 22:04	110940	200029	
1,2-Diphenylhydrazine	4.7	U	4.7	0.78	1	5/ 7/10	5/10/10 22:04	110940	200029	
2,4,6-Trichlorophenol	4.7	U	4.7	1.1	1	5/ 7/10	5/10/10 22:04	110940	200029	
2,4-Dichlorophenol	4.7	U	4.7	0.91	1	5/ 7/10	5/10/10 22:04	110940	200029	
2,4-Dimethylphenol	4.7	U	4.7	1.2	1	5/ 7/10	5/10/10 22:04	110940	200029	
2,4-Dinitrophenol	47	U	47	44	1	5/ 7/10	5/10/10 22:04	110940	200029	
2,4-Dinitrotoluene	4.7	U	4.7	1.3	1	5/ 7/10	5/10/10 22:04	110940	200029	
2,6-Dinitrotoluene	4.7	U	4.7	1.1	1	5/ 7/10	5/10/10 22:04	110940	200029	
2-Chloronaphthalene	4.7	U	4.7	0.55	1	5/ 7/10	5/10/10 22:04	110940	200029	
2-Chlorophenol	4.7	U	4.7	0.77	1	5/ 7/10	5/10/10 22:04	110940	200029	
2-Nitrophenol	4.7	U	4.7	0.87	1	5/ 7/10	5/10/10 22:04	110940	200029	
3,3'-Dichlorobenzidine	4.7	U	4.7	1.3	1	5/ 7/10	5/10/10 22:04	110940	200029	
4,6-Dinitro-2-methylphenol	47	U	47	24	1	5/ 7/10	5/10/10 22:04	110940	200029	
4-Bromophenyl Phenyl Ether	4.7	U	4.7	1.1	1	5/ 7/10	5/10/10 22:04	110940	200029	
4-Chloro-3-methylphenol	4.7	U	4.7	0.80	1	5/ 7/10	5/10/10 22:04	110940	200029	
4-Chlorophenyl Phenyl Ether	4.7	U	4.7	0.77	1	5/ 7/10	5/10/10 22:04	110940	200029	
4-Nitrophenol	47	U	47	12	1	5/ 7/10	5/10/10 22:04	110940	200029	
Acenaphthene	4.7	U	4.7	0.83	1	5/ 7/10	5/10/10 22:04	110940	200029	
Acenaphthylene	4.7	U	4.7	0.73	1	5/ 7/10	5/10/10 22:04	110940	200029	
Anthracene	4.7	U	4.7	0.59	1	5/ 7/10	5/10/10 22:04	110940	200029	
Benz(a)anthracene	4.7	U	4.7	0.78	1	5/ 7/10	5/10/10 22:04	110940	200029	
Benzidine	94	U	94	32	1	5/ 7/10	5/10/10 22:04	110940	200029	
Benzo(a)pyrene	4.7	U	4.7	0.63	1	5/ 7/10	5/10/10 22:04	110940	200029	
Benzo(b)fluoranthene	4.7	U	4.7	0.62	1	5/ 7/10	5/10/10 22:04	110940	200029	
Benzo(g,h,i)perylene	4.7	U	4.7	0.82	1	5/ 7/10	5/10/10 22:04	110940	200029	
Benzo(k)fluoranthene	4.7	U	4.7	0.95	1	5/ 7/10	5/10/10 22:04	110940	200029	
2,2'-Oxybis(1-chloropropane)	4.7	U	4.7	0.98	1	5/ 7/10	5/10/10 22:04	110940	200029	
Bis(2-chloroethoxy)methane	4.7	U	4.7	1.3	1	5/ 7/10	5/10/10 22:04	110940	200029	
Bis(2-chloroethyl) Ether	4.7	U	4.7	1.2	1	5/ 7/10	5/10/10 22:04	110940	200029	
Bis(2-ethylhexyl) Phthalate	4.7	U	4.7	1.7	1	5/ 7/10	5/10/10 22:04	110940	200029	
Butyl Benzyl Phthalate	4.7	U	4.7	0.90	1	5/ 7/10	5/10/10 22:04	110940	200029	
Chrysene	4.7	U	4.7	1.1	1	5/ 7/10	5/10/10 22:04	110940	200029	
Di-n-butyl Phthalate	4.7	U	4.7	2.1	1	5/ 7/10	5/10/10 22:04	110940	200029	

Comments:

Analytical Report

Client:	General Electric Company	**Service Request:**	R1002489
Project:	GE -Pittsfield NPDES	**Date Collected:**	5/ 3/10 0700
Sample Matrix:	Water	**Date Received:**	5/ 4/10
Sample Name:	64G-2Q2M-1X-GS	**Units:**	µg/L
Lab Code:	R1002489-001	**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	4.7	U	4.7	0.89	1	5/ 7/10	5/10/10 22:04	110940	200029	
Dibenz(a,h)anthracene	4.7	U	4.7	0.77	1	5/ 7/10	5/10/10 22:04	110940	200029	
Diethyl Phthalate	4.7	U	4.7	0.90	1	5/ 7/10	5/10/10 22:04	110940	200029	
Dimethyl Phthalate	4.7	U	4.7	0.74	1	5/ 7/10	5/10/10 22:04	110940	200029	
Fluoranthene	4.7	U	4.7	0.72	1	5/ 7/10	5/10/10 22:04	110940	200029	
Fluorene	4.7	U	4.7	0.76	1	5/ 7/10	5/10/10 22:04	110940	200029	
Hexachlorobenzene	4.7	U	4.7	0.96	1	5/ 7/10	5/10/10 22:04	110940	200029	
Hexachlorobutadiene	4.7	U	4.7	0.67	1	5/ 7/10	5/10/10 22:04	110940	200029	
Hexachlorocyclopentadiene	4.7	U	4.7	0.69	1	5/ 7/10	5/10/10 22:04	110940	200029	
Hexachloroethane	4.7	U	4.7	0.71	1	5/ 7/10	5/10/10 22:04	110940	200029	
Indeno(1,2,3-cd)pyrene	4.7	U	4.7	0.65	1	5/ 7/10	5/10/10 22:04	110940	200029	
Isophorone	4.7	U	4.7	0.95	1	5/ 7/10	5/10/10 22:04	110940	200029	
N-Nitrosodi-n-propylamine	4.7	U	4.7	1.1	1	5/ 7/10	5/10/10 22:04	110940	200029	
N-Nitrosodimethylamine	4.7	U	4.7	0.64	1	5/ 7/10	5/10/10 22:04	110940	200029	
N-Nitrosodiphenylamine	4.7	U	4.7	0.72	1	5/ 7/10	5/10/10 22:04	110940	200029	
Naphthalene	4.7	U	4.7	0.60	1	5/ 7/10	5/10/10 22:04	110940	200029	
Nitrobenzene	4.7	U	4.7	0.90	1	5/ 7/10	5/10/10 22:04	110940	200029	
Pentachlorophenol (PCP)	47	U	47	31	1	5/ 7/10	5/10/10 22:04	110940	200029	
Phenanthrene	4.7	U	4.7	0.71	1	5/ 7/10	5/10/10 22:04	110940	200029	
Phenol	4.7	U	4.7	0.55	1	5/ 7/10	5/10/10 22:04	110940	200029	
Pyrene	4.7	U	4.7	0.83	1	5/ 7/10	5/10/10 22:04	110940	200029	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
2,4,6-Tribromophenol	71	28-157	5/10/10 22:04		
2-Fluorobiphenyl	65	37-118	5/10/10 22:04		
2-Fluorophenol	39	12-84	5/10/10 22:04		
Nitrobenzene-d5	67	38-120	5/10/10 22:04		
Phenol-d6	24	10-70	5/10/10 22:04		
p-Terphenyl-d14	80	36-129	5/10/10 22:04		

Comments:

Analytical Report

Client:	General Electric Company	**Service Request:**	R1002489
Project:	GE -Pittsfield NPDES	**Date Collected:**	5/ 3/10 0700
Sample Matrix:	Water	**Date Received:**	5/ 4/10
Sample Name:	64G-2Q2M-1X-GV	**Units:**	µg/L
Lab Code:	R1002489-003	**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)	**0.41**	J	1.0	0.18	1	NA	5/4/10 17:38		199950	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	1	NA	5/4/10 17:38		199950	
1,1,2-Trichloroethane	1.0	U	1.0	0.27	1	NA	5/4/10 17:38		199950	
1,1-Dichloroethane (1,1-DCA)	**0.65**	J	1.0	0.23	1	NA	5/4/10 17:38		199950	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	1	NA	5/4/10 17:38		199950	
1,2-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	5/4/10 17:38		199950	
1,2-Dichloroethane	1.0	U	1.0	0.17	1	NA	5/4/10 17:38		199950	
1,2-Dichloropropane	1.0	U	1.0	0.29	1	NA	5/4/10 17:38		199950	
1,3-Dichlorobenzene	1.0	U	1.0	0.16	1	NA	5/4/10 17:38		199950	
1,4-Dichlorobenzene	1.0	U	1.0	0.22	1	NA	5/4/10 17:38		199950	
2-Chloroethyl Vinyl Ether	10	U	10	0.51	1	NA	5/4/10 17:38		199950	
Acrolein	10	U	10	4.2	1	NA	5/4/10 17:38		199950	
Acrylonitrile	10	U	10	1.2	1	NA	5/4/10 17:38		199950	
Benzene	1.0	U	1.0	0.16	1	NA	5/4/10 17:38		199950	
Bromodichloromethane	1.0	U	1.0	0.16	1	NA	5/4/10 17:38		199950	
Bromoform	1.0	U	1.0	0.24	1	NA	5/4/10 17:38		199950	
Bromomethane	1.0	U	1.0	0.33	1	NA	5/4/10 17:38		199950	
Carbon Tetrachloride	1.0	U	1.0	0.23	1	NA	5/4/10 17:38		199950	
Chlorobenzene	1.0	U	1.0	0.21	1	NA	5/4/10 17:38		199950	
Chloroethane	**0.77**	J	1.0	0.30	1	NA	5/4/10 17:38		199950	
Chloroform	1.0	U	1.0	0.17	1	NA	5/4/10 17:38		199950	
Chloromethane	1.0	U	1.0	0.22	1	NA	5/4/10 17:38		199950	
Chlorodibromomethane	1.0	U	1.0	0.29	1	NA	5/4/10 17:38		199950	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.24	1	NA	5/4/10 17:38		199950	
Methylene Chloride	1.0	U	1.0	0.20	1	NA	5/4/10 17:38		199950	
Ethylbenzene	1.0	U	1.0	0.15	1	NA	5/4/10 17:38		199950	
Tetrachloroethene (PCE)	1.0	U	1.0	0.22	1	NA	5/4/10 17:38		199950	
Toluene	1.0	U	1.0	0.16	1	NA	5/4/10 17:38		199950	
Trichloroethene (TCE)	1.0	U	1.0	0.17	1	NA	5/4/10 17:38		199950	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.15	1	NA	5/4/10 17:38		199950	
Vinyl Chloride	1.0	U	1.0	0.25	1	NA	5/4/10 17:38		199950	
cis-1,3-Dichloropropene	1.0	U	1.0	0.19	1	NA	5/4/10 17:38		199950	
trans-1,2-Dichloroethene	1.0	U	1.0	0.28	1	NA	5/4/10 17:38		199950	
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	NA	5/4/10 17:38		199950	

Comments

Client:	General Electric Company	**Service Request:**	R1002489
Project:	GE -Pittsfield NPDES	**Date Collected:**	5/ 3/10 0700
Sample Matrix:	Water	**Date Received:**	5/ 4/10
Sample Name:	64G-2Q2M-1X-GV	**Units:**	Percent
Lab Code:	R1002489-003	**Basis:**	NA

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

Analytical Method: 624

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
1,2-Dichloroethane-d4	98	79-123	5/4/10 17:38		
4-Bromofluorobenzene	97	79-119	5/4/10 17:38		
Toluene-d8	109	83-120	5/4/10 17:38		

Comments

Analytical Report

Client:	General Electric Company	**Service Request:**	R1002489
Project:	GE -Pittsfield NPDES	**Date Collected:**	5/3/10
Sample Matrix:	Water	**Date Received:**	5/4/10
		Date Analyzed:	5/4/10 1738

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

Sample Name:	64G-2Q2M-1X-GV	**Units:**	µg/L
Lab Code:	R1002489-003	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

Analytical Report

Client:	General Electric Company	**Service Request:**	R1002489
Project:	GE -Pittsfield NPDES	**Date Collected:**	5/ 3/10 0700
Sample Matrix:	Water	**Date Received:**	5/ 4/10
Sample Name:	Trip Blank	**Units:**	µg/L
Lab Code:	R1002489-005	**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	5/4/10 17:01		199950	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	1	NA	5/4/10 17:01		199950	
1,1,2-Trichloroethane	1.0	U	1.0	0.27	1	NA	5/4/10 17:01		199950	
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.23	1	NA	5/4/10 17:01		199950	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	1	NA	5/4/10 17:01		199950	
1,2-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	5/4/10 17:01		199950	
1,2-Dichloroethane	1.0	U	1.0	0.17	1	NA	5/4/10 17:01		199950	
1,2-Dichloropropane	1.0	U	1.0	0.29	1	NA	5/4/10 17:01		199950	
1,3-Dichlorobenzene	1.0	U	1.0	0.16	1	NA	5/4/10 17:01		199950	
1,4-Dichlorobenzene	1.0	U	1.0	0.22	1	NA	5/4/10 17:01		199950	
2-Chloroethyl Vinyl Ether	10	U	10	0.51	1	NA	5/4/10 17:01		199950	
Acrolein	10	U	10	4.2	1	NA	5/4/10 17:01		199950	
Acrylonitrile	10	U	10	1.2	1	NA	5/4/10 17:01		199950	
Benzene	1.0	U	1.0	0.16	1	NA	5/4/10 17:01		199950	
Bromodichloromethane	1.0	U	1.0	0.16	1	NA	5/4/10 17:01		199950	
Bromoform	1.0	U	1.0	0.24	1	NA	5/4/10 17:01		199950	
Bromomethane	1.0	U	1.0	0.33	1	NA	5/4/10 17:01		199950	
Carbon Tetrachloride	1.0	U	1.0	0.23	1	NA	5/4/10 17:01		199950	
Chlorobenzene	1.0	U	1.0	0.21	1	NA	5/4/10 17:01		199950	
Chloroethane	1.0	U	1.0	0.30	1	NA	5/4/10 17:01		199950	
Chloroform	1.0	U	1.0	0.17	1	NA	5/4/10 17:01		199950	
Chloromethane	1.0	U	1.0	0.22	1	NA	5/4/10 17:01		199950	
Chlorodibromomethane	1.0	U	1.0	0.29	1	NA	5/4/10 17:01		199950	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.24	1	NA	5/4/10 17:01		199950	
Methylene Chloride	**0.26**	J	1.0	0.20	1	NA	5/4/10 17:01		199950	
Ethylbenzene	1.0	U	1.0	0.15	1	NA	5/4/10 17:01		199950	
Tetrachloroethene (PCE)	1.0	U	1.0	0.22	1	NA	5/4/10 17:01		199950	
Toluene	1.0	U	1.0	0.16	1	NA	5/4/10 17:01		199950	
Trichloroethene (TCE)	1.0	U	1.0	0.17	1	NA	5/4/10 17:01		199950	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.15	1	NA	5/4/10 17:01		199950	
Vinyl Chloride	1.0	U	1.0	0.25	1	NA	5/4/10 17:01		199950	
cis-1,3-Dichloropropene	1.0	U	1.0	0.19	1	NA	5/4/10 17:01		199950	
trans-1,2-Dichloroethene	1.0	U	1.0	0.28	1	NA	5/4/10 17:01		199950	
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	NA	5/4/10 17:01		199950	

Comments:

Analytical Report

Client:	General Electric Company	**Service Request:**	R1002489
Project:	GE -Pittsfield NPDES	**Date Collected:**	5/ 3/10 0700
Sample Matrix:	Water	**Date Received:**	5/ 4/10
Sample Name:	Trip Blank	**Units:**	Percent
Lab Code:	R1002489-005	**Basis:**	NA

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

Analytical Method: 624

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
1,2-Dichloroethane-d4	100	79-123	5/4/10 17:01		
4-Bromofluorobenzene	97	79-119	5/4/10 17:01		
Toluene-d8	109	83-120	5/4/10 17:01		

Comments

Analytical Report

Client:	General Electric Company	**Service Request:**	R1002489
Project:	GE -Pittsfield NPDES	**Date Collected:**	5/3/10
Sample Matrix:	Water	**Date Received:**	5/4/10
		Date Analyzed:	5/4/10 1701

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:	R1002489-005	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

Analytical Report

Client:	General Electric Company	**Service Request:**	R1002489
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1003557-01	**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	5/4/10 14:54		199950	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	1	NA	5/4/10 14:54		199950	
1,1,2-Trichloroethane	1.0	U	1.0	0.27	1	NA	5/4/10 14:54		199950	
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.23	1	NA	5/4/10 14:54		199950	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	1	NA	5/4/10 14:54		199950	
1,2-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	5/4/10 14:54		199950	
1,2-Dichloroethane	1.0	U	1.0	0.17	1	NA	5/4/10 14:54		199950	
1,2-Dichloropropane	1.0	U	1.0	0.29	1	NA	5/4/10 14:54		199950	
1,3-Dichlorobenzene	1.0	U	1.0	0.16	1	NA	5/4/10 14:54		199950	
1,4-Dichlorobenzene	1.0	U	1.0	0.22	1	NA	5/4/10 14:54		199950	
2-Chloroethyl Vinyl Ether	10	U	10	0.51	1	NA	5/4/10 14:54		199950	
Acrolein	10	U	10	4.2	1	NA	5/4/10 14:54		199950	
Acrylonitrile	10	U	10	1.2	1	NA	5/4/10 14:54		199950	
Benzene	1.0	U	1.0	0.16	1	NA	5/4/10 14:54		199950	
Bromodichloromethane	1.0	U	1.0	0.16	1	NA	5/4/10 14:54		199950	
Bromoform	1.0	U	1.0	0.24	1	NA	5/4/10 14:54		199950	
Bromomethane	1.0	U	1.0	0.33	1	NA	5/4/10 14:54		199950	
Carbon Tetrachloride	1.0	U	1.0	0.23	1	NA	5/4/10 14:54		199950	
Chlorobenzene	1.0	U	1.0	0.21	1	NA	5/4/10 14:54		199950	
Chloroethane	1.0	U	1.0	0.30	1	NA	5/4/10 14:54		199950	
Chloroform	1.0	U	1.0	0.17	1	NA	5/4/10 14:54		199950	
Chloromethane	1.0	U	1.0	0.22	1	NA	5/4/10 14:54		199950	
Chlorodibromomethane	1.0	U	1.0	0.29	1	NA	5/4/10 14:54		199950	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.24	1	NA	5/4/10 14:54		199950	
Methylene Chloride	1.0	U	1.0	0.20	1	NA	5/4/10 14:54		199950	
Ethylbenzene	1.0	U	1.0	0.15	1	NA	5/4/10 14:54		199950	
Tetrachloroethene (PCE)	1.0	U	1.0	0.22	1	NA	5/4/10 14:54		199950	
Toluene	1.0	U	1.0	0.16	1	NA	5/4/10 14:54		199950	
Trichloroethene (TCE)	1.0	U	1.0	0.17	1	NA	5/4/10 14:54		199950	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.15	1	NA	5/4/10 14:54		199950	
Vinyl Chloride	1.0	U	1.0	0.25	1	NA	5/4/10 14:54		199950	
cis-1,3-Dichloropropene	1.0	U	1.0	0.19	1	NA	5/4/10 14:54		199950	
trans-1,2-Dichloroethene	1.0	U	1.0	0.28	1	NA	5/4/10 14:54		199950	
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	NA	5/4/10 14:54		199950	

Comments

Client:	General Electric Company	**Service Request:**	R1002489
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	Percent
Lab Code:	RQ1003557-01	**Basis:**	NA

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

Analytical Method: 624

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
1,2-Dichloroethane-d4	100	79-123	5/4/10 14:54		
4-Bromofluorobenzene	99	79-119	5/4/10 14:54		
Toluene-d8	110	83-120	5/4/10 14:54		

Comments

Analytical Report

Client:	General Electric Company	**Service Request:**	R1002489
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	5/4/10 1454

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:	RQ1003557-01	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

Analytical Report

Client:	General Electric Company	**Service Request:**	R1002489
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1003460-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
1,2,4-Trichlorobenzene	5.0	U	5.0	0.92	1	5/ 7/10	5/10/10 17:55	110940	200029	
1,2-Diphenylhydrazine	5.0	U	5.0	0.78	1	5/ 7/10	5/10/10 17:55	110940	200029	
2,4,6-Trichlorophenol	5.0	U	5.0	1.1	1	5/ 7/10	5/10/10 17:55	110940	200029	
2,4-Dichlorophenol	5.0	U	5.0	0.91	1	5/ 7/10	5/10/10 17:55	110940	200029	
2,4-Dimethylphenol	5.0	U	5.0	1.2	1	5/ 7/10	5/10/10 17:55	110940	200029	
2,4-Dinitrophenol	50	U	50	44	1	5/ 7/10	5/10/10 17:55	110940	200029	
2,4-Dinitrotoluene	5.0	U	5.0	1.3	1	5/ 7/10	5/10/10 17:55	110940	200029	
2,6-Dinitrotoluene	5.0	U	5.0	1.1	1	5/ 7/10	5/10/10 17:55	110940	200029	
2-Chloronaphthalene	5.0	U	5.0	0.55	1	5/ 7/10	5/10/10 17:55	110940	200029	
2-Chlorophenol	5.0	U	5.0	0.77	1	5/ 7/10	5/10/10 17:55	110940	200029	
2-Nitrophenol	5.0	U	5.0	0.87	1	5/ 7/10	5/10/10 17:55	110940	200029	
3,3'-Dichlorobenzidine	5.0	U	5.0	1.3	1	5/ 7/10	5/10/10 17:55	110940	200029	
4,6-Dinitro-2-methylphenol	50	U	50	24	1	5/ 7/10	5/10/10 17:55	110940	200029	
4-Bromophenyl Phenyl Ether	5.0	U	5.0	1.1	1	5/ 7/10	5/10/10 17:55	110940	200029	
4-Chloro-3-methylphenol	5.0	U	5.0	0.80	1	5/ 7/10	5/10/10 17:55	110940	200029	
4-Chlorophenyl Phenyl Ether	5.0	U	5.0	0.77	1	5/ 7/10	5/10/10 17:55	110940	200029	
4-Nitrophenol	50	U	50	12	1	5/ 7/10	5/10/10 17:55	110940	200029	
Acenaphthene	5.0	U	5.0	0.83	1	5/ 7/10	5/10/10 17:55	110940	200029	
Acenaphthylene	5.0	U	5.0	0.73	1	5/ 7/10	5/10/10 17:55	110940	200029	
Anthracene	5.0	U	5.0	0.59	1	5/ 7/10	5/10/10 17:55	110940	200029	
Benz(a)anthracene	5.0	U	5.0	0.78	1	5/ 7/10	5/10/10 17:55	110940	200029	
Benzidine	100	U	100	32	1	5/ 7/10	5/10/10 17:55	110940	200029	
Benzo(a)pyrene	5.0	U	5.0	0.63	1	5/ 7/10	5/10/10 17:55	110940	200029	
Benzo(b)fluoranthene	5.0	U	5.0	0.62	1	5/ 7/10	5/10/10 17:55	110940	200029	
Benzo(g,h,i)perylene	5.0	U	5.0	0.82	1	5/ 7/10	5/10/10 17:55	110940	200029	
Benzo(k)fluoranthene	5.0	U	5.0	0.95	1	5/ 7/10	5/10/10 17:55	110940	200029	
2,2'-Oxybis(1-chloropropane)	5.0	U	5.0	0.98	1	5/ 7/10	5/10/10 17:55	110940	200029	
Bis(2-chloroethoxy)methane	5.0	U	5.0	1.3	1	5/ 7/10	5/10/10 17:55	110940	200029	
Bis(2-chloroethyl) Ether	5.0	U	5.0	1.2	1	5/ 7/10	5/10/10 17:55	110940	200029	
Bis(2-ethylhexyl) Phthalate	5.0	U	5.0	1.7	1	5/ 7/10	5/10/10 17:55	110940	200029	
Butyl Benzyl Phthalate	5.0	U	5.0	0.90	1	5/ 7/10	5/10/10 17:55	110940	200029	
Chrysene	5.0	U	5.0	1.1	1	5/ 7/10	5/10/10 17:55	110940	200029	
Di-n-butyl Phthalate	5.0	U	5.0	2.1	1	5/ 7/10	5/10/10 17:55	110940	200029	

Comments:

Analytical Report

Client:	General Electric Company	**Service Request:**	R1002489
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1003460-01	**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-octyl Phthalate	5.0	U	5.0	0.89	1	5/ 7/10	5/10/10 17:55	110940	200029	
Dibenz(a,h)anthracene	5.0	U	5.0	0.77	1	5/ 7/10	5/10/10 17:55	110940	200029	
Diethyl Phthalate	5.0	U	5.0	0.90	1	5/ 7/10	5/10/10 17:55	110940	200029	
Dimethyl Phthalate	5.0	U	5.0	0.74	1	5/ 7/10	5/10/10 17:55	110940	200029	
Fluoranthene	5.0	U	5.0	0.72	1	5/ 7/10	5/10/10 17:55	110940	200029	
Fluorene	5.0	U	5.0	0.76	1	5/ 7/10	5/10/10 17:55	110940	200029	
Hexachlorobenzene	5.0	U	5.0	0.96	1	5/ 7/10	5/10/10 17:55	110940	200029	
Hexachlorobutadiene	5.0	U	5.0	0.67	1	5/ 7/10	5/10/10 17:55	110940	200029	
Hexachlorocyclopentadiene	5.0	U	5.0	0.69	1	5/ 7/10	5/10/10 17:55	110940	200029	
Hexachloroethane	5.0	U	5.0	0.71	1	5/ 7/10	5/10/10 17:55	110940	200029	
Indeno(1,2,3-cd)pyrene	5.0	U	5.0	0.65	1	5/ 7/10	5/10/10 17:55	110940	200029	
Isophorone	5.0	U	5.0	0.95	1	5/ 7/10	5/10/10 17:55	110940	200029	
N-Nitrosodi-n-propylamine	5.0	U	5.0	1.1	1	5/ 7/10	5/10/10 17:55	110940	200029	
N-Nitrosodimethylamine	5.0	U	5.0	0.64	1	5/ 7/10	5/10/10 17:55	110940	200029	
N-Nitrosodiphenylamine	5.0	U	5.0	0.72	1	5/ 7/10	5/10/10 17:55	110940	200029	
Naphthalene	5.0	U	5.0	0.60	1	5/ 7/10	5/10/10 17:55	110940	200029	
Nitrobenzene	5.0	U	5.0	0.90	1	5/ 7/10	5/10/10 17:55	110940	200029	
Pentachlorophenol (PCP)	50	U	50	31	1	5/ 7/10	5/10/10 17:55	110940	200029	
Phenanthrene	5.0	U	5.0	0.71	1	5/ 7/10	5/10/10 17:55	110940	200029	
Phenol	5.0	U	5.0	0.55	1	5/ 7/10	5/10/10 17:55	110940	200029	
Pyrene	5.0	U	5.0	0.83	1	5/ 7/10	5/10/10 17:55	110940	200029	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
2,4,6-Tribromophenol	63	28-157	5/10/10 17:55		
2-Fluorobiphenyl	62	37-118	5/10/10 17:55		
2-Fluorophenol	43	12-84	5/10/10 17:55		
Nitrobenzene-d5	62	38-120	5/10/10 17:55		
Phenol-d6	28	10-70	5/10/10 17:55		
p-Terphenyl-d14	90	36-129	5/10/10 17:55		

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: R1002489
Date Analyzed: 5/ 4/10

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: 199950

Analyte Name	Lab Control Sample RQ1003557-02 Result	Expected	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	**17.2**	20.0	86	52 - 162
1,1,2,2-Tetrachloroethane	**27.4**	20.0	137	46 - 157
1,1,2-Trichloroethane	**23.6**	20.0	118	52 - 150
1,1-Dichloroethane (1,1-DCA)	**22.9**	20.0	115	59 - 155
1,1-Dichloroethene (1,1-DCE)	**19.4**	20.0	97	0 - 234
1,2-Dichlorobenzene	**19.5**	20.0	98	18 - 190
1,2-Dichloroethane	**19.8**	20.0	99	49 - 155
1,2-Dichloropropane	**25.3**	20.0	127	0 - 210
1,3-Dichlorobenzene	**19.4**	20.0	97	59 - 156
1,4-Dichlorobenzene	**19.9**	20.0	99	18 - 190
2-Chloroethyl Vinyl Ether	**24.8**	20.0	124	0 - 305
Acrolein	**69.8**	100	70	10 - 174
Acrylonitrile	**140**	100	140	61 - 141
Benzene	**22.1**	20.0	111	37 - 151
Bromodichloromethane	**20.2**	20.0	101	35 - 155
Bromoform	**20.8**	20.0	104	45 - 169
Bromomethane	**23.2**	20.0	116	0 - 242
Carbon Tetrachloride	**16.4**	20.0	82	70 - 140
Chlorobenzene	**20.7**	20.0	103	37 - 160
Chloroethane	**27.4**	20.0	137	14 - 230
Chloroform	**20.3**	20.0	102	51 - 138
Chloromethane	**28.3**	20.0	141	0 - 273
Chlorodibromomethane	**20.5**	20.0	102	53 - 149
Dichlorodifluoromethane (CFC 12)	**26.9**	20.0	134	47 - 148
Methylene Chloride	**21.5**	20.0	107	0 - 221
Ethylbenzene	**19.9**	20.0	100	37 - 162
Tetrachloroethene (PCE)	**18.8**	20.0	94	64 - 148
Toluene	**21.5**	20.0	107	47 - 150
Trichloroethene (TCE)	**19.7**	20.0	99	71 - 157
Trichlorofluoromethane (CFC 11)	**17.9**	20.0	89	17 - 181
Vinyl Chloride	**24.5**	20.0	123	0 - 251
cis-1,3-Dichloropropene	**20.7**	20.0	103	0 - 227
trans-1,2-Dichloroethene	**20.0**	20.0	100	54 - 156
trans-1,3-Dichloropropene	**20.0**	20.0	100	17 - 183

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: R1002489
Date Analyzed: 5/10/10

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 110940

	Lab Control Sample RQ1003460-02				Duplicate Lab Control Sample RQ1003460-03				% Rec		RPD
Analyte Name	**Result**	**Expected**	**% Rec**		**Result**	**Expected**	**% Rec**		**Limits**	**RPD**	**Limit**
1,2,4-Trichlorobenzene	**61.6**	100	62		**60.9**	100	61		29 - 85	1	30
1,2-Diphenylhydrazine	**95.0**	100	95		**94.5**	100	94		64 - 114	1	30
2,4,6-Trichlorophenol	**88.4**	100	88		**91.5**	100	92		37 - 144	3	30
2,4-Dichlorophenol	**91.1**	100	91		**92.4**	100	92		39 - 135	1	30
2,4-Dimethylphenol	**66.4**	100	66		**66.2**	100	66		39 - 135	0	30
2,4-Dinitrophenol	**105**	100	105		**109**	100	109		0 - 191	4	30
2,4-Dinitrotoluene	**111**	100	111		**114**	100	114		39 - 139	3	30
2,6-Dinitrotoluene	**102**	100	102		**108**	100	108		50 - 158	6	30
2-Chloronaphthalene	**73.6**	100	74		**76.1**	100	76		60 - 118	3	30
2-Chlorophenol	**78.3**	100	78		**77.6**	100	78		23 - 134	1	30
2-Nitrophenol	**87.6**	100	88		**90.2**	100	90		29 - 182	3	30
3,3'-Dichlorobenzidine	**76.3**	100	76		**88.6**	100	89		0 - 262	15	30
4,6-Dinitro-2-methylphenol	**103**	100	103		**106**	100	106		0 - 181	3	30
4-Bromophenyl Phenyl Ether	**99.8**	100	100		**100**	100	100		53 - 127	0	30
4-Chloro-3-methylphenol	**101**	100	101		**102**	100	102		22 - 147	2	30
4-Chlorophenyl Phenyl Ether	**96.7**	100	97		**98.3**	100	98		25 - 158	2	30
4-Nitrophenol	**57.7**	100	58		**51.1**	100	51		0 - 132	12	30
Acenaphthene	**84.5**	100	84		**86.1**	100	86		47 - 145	2	30
Acenaphthylene	**91.5**	100	92		**93.3**	100	93		33 - 145	2	30
Anthracene	**96.2**	100	96		**98.6**	100	99		27 - 133	2	30
Benz(a)anthracene	**102**	100	102		**105**	100	105		33 - 143	3	30
Benzidine	100	100	0	*	**7.96**	100	8	*	10 - 78	200 *	30
Benzo(a)pyrene	**99.5**	100	99		**101**	100	101		17 - 163	2	30
Benzo(b)fluoranthene	**107**	100	107		**110**	100	110		24 - 159	3	30
Benzo(g,h,i)perylene	**104**	100	104		**106**	100	106		0 - 219	2	30
Benzo(k)fluoranthene	**104**	100	104		**107**	100	107		11 - 162	3	30
2,2'-Oxybis(1-chloropropane)	**76.7**	100	77		**76.6**	100	77		36 - 166	0	30
Bis(2-chloroethoxy)methane	**117**	100	117		**120**	100	120		33 - 184	3	30
Bis(2-chloroethyl) Ether	**82.3**	100	82		**83.5**	100	84		12 - 158	1	30
Bis(2-ethylhexyl) Phthalate	**104**	100	104		**104**	100	104		8 - 158	0	30
Butyl Benzyl Phthalate	**103**	100	103		**103**	100	103		0 - 152	0	30
Chrysene	**103**	100	103		**106**	100	106		17 - 168	3	30
Di-n-butyl Phthalate	**103**	100	103		**105**	100	105		1 - 118	2	30
Di-n-octyl Phthalate	**105**	100	105		**103**	100	103		4 - 146	2	30
Dibenz(a,h)anthracene	**94.9**	100	95		**99.0**	100	99		0 - 227	4	30
Diethyl Phthalate	**102**	100	102		**105**	100	105		0 - 114	4	30

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: R1002489
Date Analyzed: 5/10/10

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 110940

	Lab Control Sample RQ1003460-02			Duplicate Lab Control Sample RQ1003460-03					
Analyte Name	**Result**	**Expected**	**% Rec**	**Result**	**Expected**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Dimethyl Phthalate	**101**	100	101	**104**	100	104	0 - 112	3	30
Fluoranthene	**102**	100	102	**106**	100	106	26 - 137	4	30
Fluorene	**97.2**	100	97	**98.8**	100	99	59 - 121	2	30
Hexachlorobenzene	**104**	100	104	**106**	100	106	0 - 152	2	30
Hexachlorobutadiene	**60.9**	100	61	**62.5**	100	63	24 - 116	3	30
Hexachlorocyclopentadiene	**36.9**	100	37	**40.1**	100	40	10 - 79	8	30
Hexachloroethane	**55.5**	100	55	**54.1**	100	54	40 - 113	3	30
Indeno(1,2,3-cd)pyrene	**103**	100	103	**106**	100	106	0 - 171	3	30
Isophorone	**97.5**	100	98	**97.8**	100	98	21 - 196	0	30
N-Nitrosodi-n-propylamine	**85.9**	100	86	**86.7**	100	87	0 - 230	1	30
N-Nitrosodimethylamine	**55.9**	100	56	**52.9**	100	53	34 - 130	6	30
N-Nitrosodiphenylamine	**102**	100	102	**104**	100	104	50 - 117	2	30
Naphthalene	**70.2**	100	70	**70.2**	100	70	21 - 133	0	30
Nitrobenzene	**84.8**	100	85	**85.8**	100	86	35 - 180	1	30
Pentachlorophenol (PCP)	**122**	100	122	**129**	100	129	14 - 176	6	30
Phenanthrene	**101**	100	101	**103**	100	103	54 - 120	2	30
Phenol	**41.4**	100	41	**36.0**	100	36	5 - 112	14	30
Pyrene	**104**	100	104	**103**	100	103	52 - 115	1	30

Comments:

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

SR #

CAS Contact

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

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

Sampler's Signature: [signature] Sampler's Printed Name: Jason Webster

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE: 1 0 3 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)	O&G EPA 1664	TSS	VOC 624	REMARKS/ ALTERNATE DESCRIPTION
646-2Q2M-1X-GO		5.3.10	7:00 AM	H2O	1								X			
005-2Q2M-1X-GO		5.3.10	7:15 AM	H2O	1								X			
646-2Q2M-1X-CT		5.3.10	7:00 AM	H2O	1									X		
005-2Q2M-1X-CT		5.3.10	7:15 AM	H2O	1									X		
646-2Q2M-1X-GS		5.3.10	7:00 AM	H2O	1		X									
646-2Q2M-1X-GV		5.3.10	7:00 AM	H2O	3	X										
646-2Q2M-1X-GV		5.3.10	7:00 AM	H2O	3										X	
Trip Blank		5.3.10	7:00 AM	H2O	3	X										
Trip Blank		5.3.10	7:00 AM	H2O	3										X	

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

SPECIAL INSTRUCTIONS/COMMENTS:

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

See QAPP ☐ Samples Packed in Ice

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

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 / Custor
Edata ____ Yes ____

INVOICE INFORMATION
PO#
BILL TO:

R1002347
Veolia Water North America
GE -Pittsfield NPDES

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: [signature]	Signature: [signature]	Signature	Signature	Signature	Signature
Printed Name: Jason Webster	Printed Name: B Doyle	Printed Name	Printed Name	Printed Name	Printed Name
Firm: VWNA	Firm: GNS	Firm	Firm	Firm	Firm
Date/Time: 5.3.10 2:00 pm	Date/Time: 5/4/10 0945	Date/Time	Date/Time	Date/Time	Date/Time

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

GE -Pittsfield NPDES

Cooler Receipt And Preservation Check Form

Project/Client GE Pittsfield Submission Number R1002347

Cooler received on 5/4/10 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:	3.2°				
Is the temperature within 0° - 6° C?:	(Yes)	Yes	Yes	Yes	Yes
If No, Explain Below	No	No	No	No	No

Date/Time Temperatures Taken: 5/4 @ 0850

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

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

PC Secondary Review: _____

Cooler Breakdown: Date: 5/4/10 by: _____

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

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

Explain any discrepancies: _____

pH	Reagent	YES	NO	Lot Received	Exp
≥12	NaOH				
≤2	HNO_3				
≤2	H_2SO_4			WC92115L	12/10
Residual Chlorine (-)	For TCN and Phenol			If present, contact PM to add ascorbic acid	
	$Na_2S_2O_3$	-	-		
	Zn Acetate	-	-		
	HCl	*	*	4109050	

Sample ID	Vol. Added	Lot Added	Final pH

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

Yes = All samples OK

No = Samples were preserved at lab as listed

PM OK to Adjust: _____

Bottle lot numbers: 031510-1K, 022210-2H, 072009-1CC, 9-308-001, 9-307-001

Other Comments:

Secondary Review: _____

*significant air bubbles are greater than 5-6 mm

MODOCS\Cooler Receipt 2.doc

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

May 19, 2010 Service Request No: R1002519

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

Laboratory Results for: GE -Pittsfield NPDES

Dear Mr. Coyle:

Enclosed are the results of the sample(s) submitted to our laboratory on May 11, 2010. For your reference, these analyses have been assigned our service request number **R1002519**.

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

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

Respectfully submitted,

Columbia Analytical Services, Inc.

Deb Patton
Project Manager

COLUMBIA ANALYTICAL SERVICES, INC.

Client:	GE-Pittsfield	**Service Request No.:**	R1002519
Project:	NPDES 5/2010	**Date Received:**	5/11/10
Sample Matrix:	Water		

CASE NARRATIVE

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

Sample Receipt

Two water samples and one Trip Blank were received for analysis at Columbia Analytical Services on 5/11/10. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were stored in a refrigerator between 1°C and 6°C upon receipt at the laboratory.

Volatile Organics

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

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

Extractable Organics

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

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 D Rotter **Date** 5/19/10

CASE NARRATIVE

This report contains analytical results for the following samples:
Service Request Number: R1002519

Lab ID	Client ID
R1002519-002	64G-2Q2M-2X-GV
R1002519-003	64G-2Q2M-2X-GS
R1002519-005	TRIP BLANK

Columbia Analytical Services™

REPORT QUALIFIERS

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

ACCREDITED IN ACCORDANCE WITH

CAS/Rochester Lab ID # for Massachusetts Certification

M-NY032

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

The Commonwealth of Massachusetts

Department of Environmental Protection

Division of Environmental Analysis
Senator William X. Wall Experiment Station

certifies

M-NY032

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

Laboratory Director: **Michael K. Perry**

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

pursuant to 310 CMR 42.00

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

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

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

Oscar C. Parcells

Director, Division of Environmental Analysis

Issued: **01 JUL 2009**
Expires: **30 JUN 2010**

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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

00006

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

00007

Client:	General Electric Company	**Service Request:**	R1002519
Project:	GE -Pittsfield NPDES	**Date Collected:**	5/10/10 0700
Sample Matrix:	Water	**Date Received:**	5/11/10
Sample Name:	64G-2Q2M-2X-GV	**Units:**	µg/L
Lab Code:	R1002519-002	**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)	**0.42**	J	1.0	0.18	1	NA	5/11/10 17:21		200015	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	1	NA	5/11/10 17:21		200015	
1,1,2-Trichloroethane	1.0	U	1.0	0.27	1	NA	5/11/10 17:21		200015	
1,1-Dichloroethane (1,1-DCA)	**0.77**	J	1.0	0.23	1	NA	5/11/10 17:21		200015	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	1	NA	5/11/10 17:21		200015	
1,2-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	5/11/10 17:21		200015	
1,2-Dichloroethane	1.0	U	1.0	0.17	1	NA	5/11/10 17:21		200015	
1,2-Dichloropropane	1.0	U	1.0	0.29	1	NA	5/11/10 17:21		200015	
1,3-Dichlorobenzene	1.0	U	1.0	0.16	1	NA	5/11/10 17:21		200015	
1,4-Dichlorobenzene	1.0	U	1.0	0.22	1	NA	5/11/10 17:21		200015	
2-Chloroethyl Vinyl Ether	10	U	10	0.51	1	NA	5/11/10 17:21		200015	
Acrolein	10	U	10	4.2	1	NA	5/11/10 17:21		200015	
Acrylonitrile	10	U	10	1.2	1	NA	5/11/10 17:21		200015	
Benzene	1.0	U	1.0	0.16	1	NA	5/11/10 17:21		200015	
Bromodichloromethane	1.0	U	1.0	0.16	1	NA	5/11/10 17:21		200015	
Bromoform	1.0	U	1.0	0.24	1	NA	5/11/10 17:21		200015	
Bromomethane	1.0	U	1.0	0.33	1	NA	5/11/10 17:21		200015	
Carbon Tetrachloride	1.0	U	1.0	0.23	1	NA	5/11/10 17:21		200015	
Chlorobenzene	1.0	U	1.0	0.21	1	NA	5/11/10 17:21		200015	
Chloroethane	**0.97**	J	1.0	0.30	1	NA	5/11/10 17:21		200015	
Chloroform	1.0	U	1.0	0.17	1	NA	5/11/10 17:21		200015	
Chloromethane	1.0	U	1.0	0.22	1	NA	5/11/10 17:21		200015	
Chlorodibromomethane	1.0	U	1.0	0.29	1	NA	5/11/10 17:21		200015	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.24	1	NA	5/11/10 17:21		200015	
Methylene Chloride	1.0	U	1.0	0.20	1	NA	5/11/10 17:21		200015	
Ethylbenzene	1.0	U	1.0	0.15	1	NA	5/11/10 17:21		200015	
Tetrachloroethene (PCE)	1.0	U	1.0	0.22	1	NA	5/11/10 17:21		200015	
Toluene	1.0	U	1.0	0.16	1	NA	5/11/10 17:21		200015	
Trichloroethene (TCE)	1.0	U	1.0	0.17	1	NA	5/11/10 17:21		200015	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.15	1	NA	5/11/10 17:21		200015	
Vinyl Chloride	1.0	U	1.0	0.25	1	NA	5/11/10 17:21		200015	
cis-1,3-Dichloropropene	1.0	U	1.0	0.19	1	NA	5/11/10 17:21		200015	
trans-1,2-Dichloroethene	1.0	U	1.0	0.28	1	NA	5/11/10 17:21		200015	
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	NA	5/11/10 17:21		200015	

Comments:

Client:	General Electric Company	**Service Request:**	R1002519
Project:	GE -Pittsfield NPDES	**Date Collected:**	5/10/10 0700
Sample Matrix:	Water	**Date Received:**	5/11/10
Sample Name:	64G-2Q2M-2X-GV	**Units:**	Percent
Lab Code:	R1002519-002	**Basis:**	NA

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

Analytical Method: 624

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
1,2-Dichloroethane-d4	94	79-123	5/11/10 17:21		
4-Bromofluorobenzene	101	79-119	5/11/10 17:21		
Toluene-d8	110	83-120	5/11/10 17:21		

Comments:

Client:	General Electric Company	**Service Request:**	R1002519
Project:	GE -Pittsfield NPDES	**Date Collected:**	5/10/10 0700
Sample Matrix:	Water	**Date Received:**	5/11/10
Sample Name:	64G-2Q2M-2X-GS	**Units:**	µg/L
Lab Code:	R1002519-003	**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	5/13/10	5/17/10 19:27	111339	201084	
1,2-Diphenylhydrazine	4.7	U	4.7	0.78	1	5/13/10	5/17/10 19:27	111339	201084	
2,4,6-Trichlorophenol	4.7	U	4.7	1.1	1	5/13/10	5/17/10 19:27	111339	201084	
2,4-Dichlorophenol	4.7	U	4.7	0.91	1	5/13/10	5/17/10 19:27	111339	201084	
2,4-Dimethylphenol	4.7	U	4.7	1.2	1	5/13/10	5/17/10 19:27	111339	201084	
2,4-Dinitrophenol	47	U	47	44	1	5/13/10	5/17/10 19:27	111339	201084	
2,4-Dinitrotoluene	4.7	U	4.7	1.3	1	5/13/10	5/17/10 19:27	111339	201084	
2,6-Dinitrotoluene	4.7	U	4.7	1.1	1	5/13/10	5/17/10 19:27	111339	201084	
2-Chloronaphthalene	4.7	U	4.7	0.55	1	5/13/10	5/17/10 19:27	111339	201084	
2-Chlorophenol	4.7	U	4.7	0.77	1	5/13/10	5/17/10 19:27	111339	201084	
2-Nitrophenol	4.7	U	4.7	0.87	1	5/13/10	5/17/10 19:27	111339	201084	
3,3'-Dichlorobenzidine	4.7	U	4.7	1.3	1	5/13/10	5/17/10 19:27	111339	201084	
4,6-Dinitro-2-methylphenol	47	U	47	24	1	5/13/10	5/17/10 19:27	111339	201084	
4-Bromophenyl Phenyl Ether	4.7	U	4.7	1.1	1	5/13/10	5/17/10 19:27	111339	201084	
4-Chloro-3-methylphenol	4.7	U	4.7	0.80	1	5/13/10	5/17/10 19:27	111339	201084	
4-Chlorophenyl Phenyl Ether	4.7	U	4.7	0.77	1	5/13/10	5/17/10 19:27	111339	201084	
4-Nitrophenol	47	U	47	12	1	5/13/10	5/17/10 19:27	111339	201084	
Acenaphthene	4.7	U	4.7	0.83	1	5/13/10	5/17/10 19:27	111339	201084	
Acenaphthylene	4.7	U	4.7	0.73	1	5/13/10	5/17/10 19:27	111339	201084	
Anthracene	4.7	U	4.7	0.59	1	5/13/10	5/17/10 19:27	111339	201084	
Benz(a)anthracene	4.7	U	4.7	0.78	1	5/13/10	5/17/10 19:27	111339	201084	
Benzidine	94	U	94	32	1	5/13/10	5/17/10 19:27	111339	201084	
Benzo(a)pyrene	4.7	U	4.7	0.63	1	5/13/10	5/17/10 19:27	111339	201084	
Benzo(b)fluoranthene	4.7	U	4.7	0.62	1	5/13/10	5/17/10 19:27	111339	201084	
Benzo(g,h,i)perylene	4.7	U	4.7	0.82	1	5/13/10	5/17/10 19:27	111339	201084	
Benzo(k)fluoranthene	4.7	U	4.7	0.95	1	5/13/10	5/17/10 19:27	111339	201084	
2,2'-Oxybis(1-chloropropane)	4.7	U	4.7	0.98	1	5/13/10	5/17/10 19:27	111339	201084	
Bis(2-chloroethoxy)methane	4.7	U	4.7	1.3	1	5/13/10	5/17/10 19:27	111339	201084	
Bis(2-chloroethyl) Ether	4.7	U	4.7	1.2	1	5/13/10	5/17/10 19:27	111339	201084	
Bis(2-ethylhexyl) Phthalate	4.7	U	4.7	1.7	1	5/13/10	5/17/10 19:27	111339	201084	
Butyl Benzyl Phthalate	4.7	U	4.7	0.90	1	5/13/10	5/17/10 19:27	111339	201084	
Chrysene	4.7	U	4.7	1.1	1	5/13/10	5/17/10 19:27	111339	201084	
Di-n-butyl Phthalate	4.7	U	4.7	2.1	1	5/13/10	5/17/10 19:27	111339	201084	

Comments:

Analytical Report

Client:	General Electric Company	**Service Request:**	R1002519
Project:	GE -Pittsfield NPDES	**Date Collected:**	5/10/10 0700
Sample Matrix:	Water	**Date Received:**	5/11/10
Sample Name:	64G-2Q2M-2X-GS	**Units:**	µg/L
Lab Code:	R1002519-003	**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	4.7	U	4.7	0.89	1	5/13/10	5/17/10 19:27	111339	201084	
Dibenz(a,h)anthracene	4.7	U	4.7	0.77	1	5/13/10	5/17/10 19:27	111339	201084	
Diethyl Phthalate	4.7	U	4.7	0.90	1	5/13/10	5/17/10 19:27	111339	201084	
Dimethyl Phthalate	4.7	U	4.7	0.74	1	5/13/10	5/17/10 19:27	111339	201084	
Fluoranthene	4.7	U	4.7	0.72	1	5/13/10	5/17/10 19:27	111339	201084	
Fluorene	4.7	U	4.7	0.76	1	5/13/10	5/17/10 19:27	111339	201084	
Hexachlorobenzene	4.7	U	4.7	0.96	1	5/13/10	5/17/10 19:27	111339	201084	
Hexachlorobutadiene	4.7	U	4.7	0.67	1	5/13/10	5/17/10 19:27	111339	201084	
Hexachlorocyclopentadiene	4.7	U	4.7	0.69	1	5/13/10	5/17/10 19:27	111339	201084	
Hexachloroethane	4.7	U	4.7	0.71	1	5/13/10	5/17/10 19:27	111339	201084	
Indeno(1,2,3-cd)pyrene	4.7	U	4.7	0.65	1	5/13/10	5/17/10 19:27	111339	201084	
Isophorone	4.7	U	4.7	0.95	1	5/13/10	5/17/10 19:27	111339	201084	
N-Nitrosodi-n-propylamine	4.7	U	4.7	1.1	1	5/13/10	5/17/10 19:27	111339	201084	
N-Nitrosodimethylamine	4.7	U	4.7	0.64	1	5/13/10	5/17/10 19:27	111339	201084	
N-Nitrosodiphenylamine	4.7	U	4.7	0.72	1	5/13/10	5/17/10 19:27	111339	201084	
Naphthalene	4.7	U	4.7	0.60	1	5/13/10	5/17/10 19:27	111339	201084	
Nitrobenzene	4.7	U	4.7	0.90	1	5/13/10	5/17/10 19:27	111339	201084	
Pentachlorophenol (PCP)	47	U	47	31	1	5/13/10	5/17/10 19:27	111339	201084	
Phenanthrene	4.7	U	4.7	0.71	1	5/13/10	5/17/10 19:27	111339	201084	
Phenol	4.7	U	4.7	0.55	1	5/13/10	5/17/10 19:27	111339	201084	
Pyrene	4.7	U	4.7	0.83	1	5/13/10	5/17/10 19:27	111339	201084	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
2,4,6-Tribromophenol	87	28-157	5/17/10 19:27		
2-Fluorobiphenyl	77	37-118	5/17/10 19:27		
2-Fluorophenol	45	12-84	5/17/10 19:27		
Nitrobenzene-d5	76	38-120	5/17/10 19:27		
Phenol-d6	29	10-74	5/17/10 19:27		
p-Terphenyl-d14	95	40-133	5/17/10 19:27		

Comments:

Client:	General Electric Company	**Service Request:**	R1002519
Project:	GE -Pittsfield NPDES	**Date Collected:**	5/10/10 0700
Sample Matrix:	Water	**Date Received:**	5/11/10
Sample Name:	TRIP BLANK	**Units:**	µg/L
Lab Code:	R1002519-005	**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	5/11/10 16:44		200015	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	1	NA	5/11/10 16:44		200015	
1,1,2-Trichloroethane	1.0	U	1.0	0.27	1	NA	5/11/10 16:44		200015	
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.23	1	NA	5/11/10 16:44		200015	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	1	NA	5/11/10 16:44		200015	
1,2-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	5/11/10 16:44		200015	
1,2-Dichloroethane	1.0	U	1.0	0.17	1	NA	5/11/10 16:44		200015	
1,2-Dichloropropane	1.0	U	1.0	0.29	1	NA	5/11/10 16:44		200015	
1,3-Dichlorobenzene	1.0	U	1.0	0.16	1	NA	5/11/10 16:44		200015	
1,4-Dichlorobenzene	1.0	U	1.0	0.22	1	NA	5/11/10 16:44		200015	
2-Chloroethyl Vinyl Ether	10	U	10	0.51	1	NA	5/11/10 16:44		200015	
Acrolein	10	U	10	4.2	1	NA	5/11/10 16:44		200015	
Acrylonitrile	10	U	10	1.2	1	NA	5/11/10 16:44		200015	
Benzene	1.0	U	1.0	0.16	1	NA	5/11/10 16:44		200015	
Bromodichloromethane	1.0	U	1.0	0.16	1	NA	5/11/10 16:44		200015	
Bromoform	1.0	U	1.0	0.24	1	NA	5/11/10 16:44		200015	
Bromomethane	1.0	U	1.0	0.33	1	NA	5/11/10 16:44		200015	
Carbon Tetrachloride	1.0	U	1.0	0.23	1	NA	5/11/10 16:44		200015	
Chlorobenzene	1.0	U	1.0	0.21	1	NA	5/11/10 16:44		200015	
Chloroethane	1.0	U	1.0	0.30	1	NA	5/11/10 16:44		200015	
Chloroform	1.0	U	1.0	0.17	1	NA	5/11/10 16:44		200015	
Chloromethane	1.0	U	1.0	0.22	1	NA	5/11/10 16:44		200015	
Chlorodibromomethane	1.0	U	1.0	0.29	1	NA	5/11/10 16:44		200015	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.24	1	NA	5/11/10 16:44		200015	
Methylene Chloride	**0.48**	J	1.0	0.20	1	NA	5/11/10 16:44		200015	
Ethylbenzene	1.0	U	1.0	0.15	1	NA	5/11/10 16:44		200015	
Tetrachloroethene (PCE)	1.0	U	1.0	0.22	1	NA	5/11/10 16:44		200015	
Toluene	1.0	U	1.0	0.16	1	NA	5/11/10 16:44		200015	
Trichloroethene (TCE)	1.0	U	1.0	0.17	1	NA	5/11/10 16:44		200015	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.15	1	NA	5/11/10 16:44		200015	
Vinyl Chloride	1.0	U	1.0	0.25	1	NA	5/11/10 16:44		200015	
cis-1,3-Dichloropropene	1.0	U	1.0	0.19	1	NA	5/11/10 16:44		200015	
trans-1,2-Dichloroethene	1.0	U	1.0	0.28	1	NA	5/11/10 16:44		200015	
trans-1,3-Dichloropropene	1.0	U	1.0	0.23	1	NA	5/11/10 16:44		200015	

Comments

Client:	General Electric Company	**Service Request:**	R1002519
Project:	GE -Pittsfield NPDES	**Date Collected:**	5/10/10 0700
Sample Matrix:	Water	**Date Received:**	5/11/10
Sample Name:	TRIP BLANK	**Units:**	Percent
Lab Code:	R1002519-005	**Basis:**	NA

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

Analytical Method: 624

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
1,2-Dichloroethane-d4	94	79-123	5/11/10 16:44		
4-Bromofluorobenzene	101	79-119	5/11/10 16:44		
Toluene-d8	108	83-120	5/11/10 16:44		

Comments:

Client:	General Electric Company	**Service Request:**	R1002519
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1003572-01	**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	5/11/10 12:45		200015	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	1	NA	5/11/10 12:45		200015	
1,1,2-Trichloroethane	1.0	U	1.0	0.27	1	NA	5/11/10 12:45		200015	
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.23	1	NA	5/11/10 12:45		200015	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	1	NA	5/11/10 12:45		200015	
1,2-Dichlorobenzene	1.0	U	1.0	0.20	1	NA	5/11/10 12:45		200015	
1,2-Dichloroethane	1.0	U	1.0	0.17	1	NA	5/11/10 12:45		200015	
1,2-Dichloropropane	1.0	U	1.0	0.29	1	NA	5/11/10 12:45		200015	
1,3-Dichlorobenzene	1.0	U	1.0	0.16	1	NA	5/11/10 12:45		200015	
1,4-Dichlorobenzene	1.0	U	1.0	0.22	1	NA	5/11/10 12:45		200015	
2-Chloroethyl Vinyl Ether	10	U	10	0.51	1	NA	5/11/10 12:45		200015	
Acrolein	10	U	10	4.2	1	NA	5/11/10 12:45		200015	
Acrylonitrile	10	U	10	1.2	1	NA	5/11/10 12:45		200015	
Benzene	1.0	U	1.0	0.16	1	NA	5/11/10 12:45		200015	
Bromodichloromethane	1.0	U	1.0	0.16	1	NA	5/11/10 12:45		200015	
Bromoform	1.0	U	1.0	0.24	1	NA	5/11/10 12:45		200015	
Bromomethane	1.0	U	1.0	0.33	1	NA	5/11/10 12:45		200015	
Carbon Tetrachloride	1.0	U	1.0	0.23	1	NA	5/11/10 12:45		200015	
Chlorobenzene	1.0	U	1.0	0.21	1	NA	5/11/10 12:45		200015	
Chloroethane	1.0	U	1.0	0.30	1	NA	5/11/10 12:45		200015	
Chloroform	1.0	U	1.0	0.17	1	NA	5/11/10 12:45		200015	
Chloromethane	1.0	U	1.0	0.22	1	NA	5/11/10 12:45		200015	
Chlorodibromomethane	1.0	U	1.0	0.29	1	NA	5/11/10 12:45		200015	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.24	1	NA	5/11/10 12:45		200015	
Methylene Chloride	1.0	U	1.0	0.20	1	NA	5/11/10 12:45		200015	
Ethylbenzene	1.0	U	1.0	0.15	1	NA	5/11/10 12:45		200015	
Tetrachloroethene (PCE)	1.0	U	1.0	0.22	1	NA	5/11/10 12:45		200015	
Toluene	1.0	U	1.0	0.16	1	NA	5/11/10 12:45		200015	
Trichloroethene (TCE)	1.0	U	1.0	0.17	1	NA	5/11/10 12:45		200015	
Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.15	1	NA	5/11/10 12:45		200015	
Vinyl Chloride	1.0	U	1.0	0.25	1	NA	5/11/10 12:45		200015	
cis-1,3-Dichloropropene	1.0	U	1.0	0.19	1	NA	5/11/10 12:45		200015	
trans-1,2-Dichloroethene	1.0	U	1.0	0.28	1	NA	5/11/10 12:45		200015	

Comments:

Client:	General Electric Company	**Service Request:**	R1002519
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1003572-01	**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	5/11/10 12:45		200015	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
1,2-Dichloroethane-d4	92	79-123	5/11/10 12:45		
4-Bromofluorobenzene	100	79-119	5/11/10 12:45		
Toluene-d8	110	83-120	5/11/10 12:45		

Comments:

Client:	General Electric Company	**Service Request:**	R1002519
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1003651-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
1,2,4-Trichlorobenzene	5.0	U	5.0	0.92	1	5/13/10	5/17/10 17:24	111339	201084	
1,2-Diphenylhydrazine	5.0	U	5.0	0.78	1	5/13/10	5/17/10 17:24	111339	201084	
2,4,6-Trichlorophenol	5.0	U	5.0	1.1	1	5/13/10	5/17/10 17:24	111339	201084	
2,4-Dichlorophenol	5.0	U	5.0	0.91	1	5/13/10	5/17/10 17:24	111339	201084	
2,4-Dimethylphenol	5.0	U	5.0	1.2	1	5/13/10	5/17/10 17:24	111339	201084	
2,4-Dinitrophenol	50	U	50	44	1	5/13/10	5/17/10 17:24	111339	201084	
2,4-Dinitrotoluene	5.0	U	5.0	1.3	1	5/13/10	5/17/10 17:24	111339	201084	
2,6-Dinitrotoluene	5.0	U	5.0	1.1	1	5/13/10	5/17/10 17:24	111339	201084	
2-Chloronaphthalene	5.0	U	5.0	0.55	1	5/13/10	5/17/10 17:24	111339	201084	
2-Chlorophenol	5.0	U	5.0	0.77	1	5/13/10	5/17/10 17:24	111339	201084	
2-Nitrophenol	5.0	U	5.0	0.87	1	5/13/10	5/17/10 17:24	111339	201084	
3,3'-Dichlorobenzidine	5.0	U	5.0	1.3	1	5/13/10	5/17/10 17:24	111339	201084	
4,6-Dinitro-2-methylphenol	50	U	50	24	1	5/13/10	5/17/10 17:24	111339	201084	
4-Bromophenyl Phenyl Ether	5.0	U	5.0	1.1	1	5/13/10	5/17/10 17:24	111339	201084	
4-Chloro-3-methylphenol	5.0	U	5.0	0.80	1	5/13/10	5/17/10 17:24	111339	201084	
4-Chlorophenyl Phenyl Ether	5.0	U	5.0	0.77	1	5/13/10	5/17/10 17:24	111339	201084	
4-Nitrophenol	50	U	50	12	1	5/13/10	5/17/10 17:24	111339	201084	
Acenaphthene	5.0	U	5.0	0.83	1	5/13/10	5/17/10 17:24	111339	201084	
Acenaphthylene	5.0	U	5.0	0.73	1	5/13/10	5/17/10 17:24	111339	201084	
Anthracene	5.0	U	5.0	0.59	1	5/13/10	5/17/10 17:24	111339	201084	
Benz(a)anthracene	5.0	U	5.0	0.78	1	5/13/10	5/17/10 17:24	111339	201084	
Benzidine	100	U	100	32	1	5/13/10	5/17/10 17:24	111339	201084	
Benzo(a)pyrene	5.0	U	5.0	0.63	1	5/13/10	5/17/10 17:24	111339	201084	
Benzo(b)fluoranthene	5.0	U	5.0	0.62	1	5/13/10	5/17/10 17:24	111339	201084	
Benzo(g,h,i)perylene	5.0	U	5.0	0.82	1	5/13/10	5/17/10 17:24	111339	201084	
Benzo(k)fluoranthene	5.0	U	5.0	0.95	1	5/13/10	5/17/10 17:24	111339	201084	
2,2'-Oxybis(1-chloropropane)	5.0	U	5.0	0.98	1	5/13/10	5/17/10 17:24	111339	201084	
Bis(2-chloroethoxy)methane	5.0	U	5.0	1.3	1	5/13/10	5/17/10 17:24	111339	201084	
Bis(2-chloroethyl) Ether	5.0	U	5.0	1.2	1	5/13/10	5/17/10 17:24	111339	201084	
Bis(2-ethylhexyl) Phthalate	5.0	U	5.0	1.7	1	5/13/10	5/17/10 17:24	111339	201084	
Butyl Benzyl Phthalate	5.0	U	5.0	0.90	1	5/13/10	5/17/10 17:24	111339	201084	
Chrysene	5.0	U	5.0	1.1	1	5/13/10	5/17/10 17:24	111339	201084	
Di-n-butyl Phthalate	5.0	U	5.0	2.1	1	5/13/10	5/17/10 17:24	111339	201084	

Comments:

Analytical Report

Client:	General Electric Company	**Service Request:**	R1002519
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1003651-01	**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-octyl Phthalate	5.0	U	5.0	0.89	1	5/13/10	5/17/10 17:24	111339	201084	
Dibenz(a,h)anthracene	5.0	U	5.0	0.77	1	5/13/10	5/17/10 17:24	111339	201084	
Diethyl Phthalate	5.0	U	5.0	0.90	1	5/13/10	5/17/10 17:24	111339	201084	
Dimethyl Phthalate	5.0	U	5.0	0.74	1	5/13/10	5/17/10 17:24	111339	201084	
Fluoranthene	5.0	U	5.0	0.72	1	5/13/10	5/17/10 17:24	111339	201084	
Fluorene	5.0	U	5.0	0.76	1	5/13/10	5/17/10 17:24	111339	201084	
Hexachlorobenzene	5.0	U	5.0	0.96	1	5/13/10	5/17/10 17:24	111339	201084	
Hexachlorobutadiene	5.0	U	5.0	0.67	1	5/13/10	5/17/10 17:24	111339	201084	
Hexachlorocyclopentadiene	5.0	U	5.0	0.69	1	5/13/10	5/17/10 17:24	111339	201084	
Hexachloroethane	5.0	U	5.0	0.71	1	5/13/10	5/17/10 17:24	111339	201084	
Indeno(1,2,3-cd)pyrene	5.0	U	5.0	0.65	1	5/13/10	5/17/10 17:24	111339	201084	
Isophorone	5.0	U	5.0	0.95	1	5/13/10	5/17/10 17:24	111339	201084	
N-Nitrosodi-n-propylamine	5.0	U	5.0	1.1	1	5/13/10	5/17/10 17:24	111339	201084	
N-Nitrosodimethylamine	5.0	U	5.0	0.64	1	5/13/10	5/17/10 17:24	111339	201084	
N-Nitrosodiphenylamine	5.0	U	5.0	0.72	1	5/13/10	5/17/10 17:24	111339	201084	
Naphthalene	5.0	U	5.0	0.60	1	5/13/10	5/17/10 17:24	111339	201084	
Nitrobenzene	5.0	U	5.0	0.90	1	5/13/10	5/17/10 17:24	111339	201084	
Pentachlorophenol (PCP)	50	U	50	31	1	5/13/10	5/17/10 17:24	111339	201084	
Phenanthrene	5.0	U	5.0	0.71	1	5/13/10	5/17/10 17:24	111339	201084	
Phenol	5.0	U	5.0	0.55	1	5/13/10	5/17/10 17:24	111339	201084	
Pyrene	5.0	U	5.0	0.83	1	5/13/10	5/17/10 17:24	111339	201084	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
2,4,6-Tribromophenol	78	28-157	5/17/10 17:24		
2-Fluorobiphenyl	74	37-118	5/17/10 17:24		
2-Fluorophenol	48	12-84	5/17/10 17:24		
Nitrobenzene-d5	74	38-120	5/17/10 17:24		
Phenol-d6	31	10-74	5/17/10 17:24		
p-Terphenyl-d14	98	40-133	5/17/10 17:24		

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: R1002519
Date Analyzed: 5/11/10

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

Analytical Method: 624

Units: µg/L
Basis: NA

Analysis Lot: 200015

	Lab Control Sample RQ1003572-02			% Rec
Analyte Name	**Result**	**Expected**	**% Rec**	**Limits**
1,1,1-Trichloroethane (TCA)	**17.3**	20.0	87	52 - 162
1,1,2,2-Tetrachloroethane	**23.0**	20.0	115	46 - 157
1,1,2-Trichloroethane	**21.3**	20.0	106	52 - 150
1,1-Dichloroethane (1,1-DCA)	**22.8**	20.0	114	59 - 155
1,1-Dichloroethene (1,1-DCE)	**20.1**	20.0	100	0 - 234
1,2-Dichlorobenzene	**19.3**	20.0	96	18 - 190
1,2-Dichloroethane	**19.9**	20.0	99	49 - 155
1,2-Dichloropropane	**24.7**	20.0	123	0 - 210
1,3-Dichlorobenzene	**19.1**	20.0	95	59 - 156
1,4-Dichlorobenzene	**19.0**	20.0	95	18 - 190
2-Chloroethyl Vinyl Ether	**22.2**	20.0	111	0 - 305
Acrolein	**65.3**	100	65	10 - 174
Acrylonitrile	**132**	100	132	61 - 141
Benzene	**22.1**	20.0	110	37 - 151
Bromodichloromethane	**18.8**	20.0	94	35 - 155
Bromoform	**18.1**	20.0	90	45 - 169
Bromomethane	**24.0**	20.0	120	0 - 242
Carbon Tetrachloride	**16.7**	20.0	83	70 - 140
Chlorobenzene	**20.6**	20.0	103	37 - 160
Chloroethane	**27.2**	20.0	136	14 - 230
Chloroform	**19.9**	20.0	100	51 - 138
Chloromethane	**28.2**	20.0	141	0 - 273
Chlorodibromomethane	**18.8**	20.0	94	53 - 149
Dichlorodifluoromethane (CFC 12)	**27.1**	20.0	136	47 - 148
Methylene Chloride	**20.9**	20.0	105	0 - 221
Ethylbenzene	**19.6**	20.0	98	37 - 162
Tetrachloroethene (PCE)	**19.3**	20.0	97	64 - 148
Toluene	**20.4**	20.0	102	47 - 150
Trichloroethene (TCE)	**19.6**	20.0	98	71 - 157
Trichlorofluoromethane (CFC 11)	**18.6**	20.0	93	17 - 181
Vinyl Chloride	**26.2**	20.0	131	0 - 251
cis-1,3-Dichloropropene	**20.7**	20.0	104	0 - 227
trans-1,2-Dichloroethene	**20.7**	20.0	104	54 - 156
trans-1,3-Dichloropropene	**18.5**	20.0	93	17 - 183

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: R1002519
Date Analyzed: 5/17/10

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 111339

Analyte Name	Lab Control Sample RQ1003651-02 Result	Expected	% Rec		Duplicate Lab Control Sample RQ1003651-03 Result	Expected	% Rec		% Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	**62.4**	100	62		**66.6**	100	67		29 - 85	7	30
1,2-Diphenylhydrazine	**86.3**	100	86		**94.1**	100	94		64 - 114	9	30
2,4,6-Trichlorophenol	**86.9**	100	87		**92.0**	100	92		37 - 144	6	30
2,4-Dichlorophenol	**87.9**	100	88		**94.4**	100	94		39 - 135	7	30
2,4-Dimethylphenol	**57.0**	100	57		**61.0**	100	61		39 - 135	7	30
2,4-Dinitrophenol	**111**	100	111		**114**	100	114		0 - 191	3	30
2,4-Dinitrotoluene	**102**	100	102		**111**	100	111		39 - 139	8	30
2,6-Dinitrotoluene	**98.3**	100	98		**106**	100	106		50 - 158	8	30
2-Chloronaphthalene	**73.5**	100	74		**79.7**	100	80		60 - 118	8	30
2-Chlorophenol	**75.9**	100	76		**81.0**	100	81		23 - 134	7	30
2-Nitrophenol	**85.5**	100	85		**92.8**	100	93		29 - 182	8	30
3,3'-Dichlorobenzidine	**62.6**	100	63		**70.4**	100	70		0 - 262	12	30
4,6-Dinitro-2-methylphenol	**98.5**	100	99		**107**	100	107		0 - 181	9	30
4-Bromophenyl Phenyl Ether	**91.6**	100	92		**102**	100	102		53 - 127	11	30
4-Chloro-3-methylphenol	**95.7**	100	96		**103**	100	103		22 - 147	7	30
4-Chlorophenyl Phenyl Ether	**92.4**	100	92		**98.6**	100	99		25 - 158	7	30
4-Nitrophenol	**45.4**	100	45		**38.3**	100	38		0 - 132	17	30
Acenaphthene	**82.7**	100	83		**90.1**	100	90		47 - 145	9	30
Acenaphthylene	**89.3**	100	89		**95.4**	100	95		33 - 145	7	30
Anthracene	**89.9**	100	90		**96.8**	100	97		27 - 133	7	30
Benz(a)anthracene	**97.8**	100	98		**102**	100	102		33 - 143	4	30
Benzidine	100	97.1	0	*	100	97.1	0	*	10 - 78	0	30
Benzo(a)pyrene	**93.9**	100	94		**98.7**	100	99		17 - 163	5	30
Benzo(b)fluoranthene	**100**	100	100		**107**	100	107		24 - 159	7	30
Benzo(g,h,i)perylene	**96.0**	100	96		**101**	100	101		0 - 219	5	30
Benzo(k)fluoranthene	**99.0**	100	99		**103**	100	103		11 - 162	4	30
2,2'-Oxybis(1-chloropropane)	**69.6**	100	70		**77.4**	100	77		36 - 166	11	30
Bis(2-chloroethoxy)methane	**87.7**	100	88		**93.0**	100	93		33 - 184	6	30
Bis(2-chloroethyl) Ether	**76.7**	100	77		**84.1**	100	84		12 - 158	9	30
Bis(2-ethylhexyl) Phthalate	**102**	100	102		**106**	100	106		8 - 158	4	30
Butyl Benzyl Phthalate	**101**	100	101		**106**	100	106		0 - 152	5	30
Chrysene	**98.9**	100	99		**104**	100	104		17 - 168	5	30
Di-n-butyl Phthalate	**99.9**	100	100		**107**	100	107		1 - 118	7	30
Di-n-octyl Phthalate	**104**	100	104		**108**	100	108		4 - 146	4	30
Dibenz(a,h)anthracene	**90.2**	100	90		**94.2**	100	94		0 - 227	4	30
Diethyl Phthalate	**100**	100	100		**105**	100	105		0 - 114	5	30

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: R1002519
Date Analyzed: 5/17/10

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 111339

Analyte Name	Lab Control Sample RQ1003651-02 Result	Expected	% Rec	Duplicate Lab Control Sample RQ1003651-03 Result	Expected	% Rec	% Rec Limits	RPD	RPD Limit
Dimethyl Phthalate	**96.8**	100	97	**102**	100	102	0 - 112	6	30
Fluoranthene	**99.4**	100	99	**105**	100	105	26 - 137	6	30
Fluorene	**90.1**	100	90	**96.0**	100	96	59 - 121	6	30
Hexachlorobenzene	**92.1**	100	92	**103**	100	103	0 - 152	11	30
Hexachlorobutadiene	**62.4**	100	62	**65.6**	100	66	24 - 116	5	30
Hexachlorocyclopentadiene	**36.5**	100	36	**39.7**	100	40	10 - 79	9	30
Hexachloroethane	**55.2**	100	55	**59.9**	100	60	40 - 113	8	30
Indeno(1,2,3-cd)pyrene	**95.6**	100	96	**102**	100	102	0 - 171	6	30
Isophorone	**88.7**	100	89	**97.6**	100	98	21 - 196	10	30
N-Nitrosodi-n-propylamine	**75.3**	100	75	**84.1**	100	84	0 - 230	11	30
N-Nitrosodimethylamine	**46.1**	100	46	**49.7**	100	50	34 - 130	7	30
N-Nitrosodiphenylamine	**93.6**	100	94	**103**	100	103	50 - 117	9	30
Naphthalene	**66.9**	100	67	**71.7**	100	72	21 - 133	7	30
Nitrobenzene	**81.3**	100	81	**86.5**	100	87	35 - 180	6	30
Pentachlorophenol (PCP)	**115**	100	115	**123**	100	123	14 - 176	7	30
Phenanthrene	**92.7**	100	93	**101**	100	101	54 - 120	8	30
Phenol	**35.9**	100	36	**36.9**	100	37	5 - 112	3	30
Pyrene	**95.3**	100	95	**101**	100	101	52 - 115	6	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 1

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

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

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

PRESERVATIVE: 1 0 0

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☐8260 ☐624 ☐CLP	GC/MS SVOA's ☐8270 ☐625 ☐CLP	GC VOA's ☐8021 ☐601/602	PESTICIDES ☐8081 ☐608 ☐CLP	PCB's ☐8082 ☐608 ☐CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	VOC EPA 624	REMARKS/ ALTERNATE DESCRIPTION
(2) 646-2Q2M-2x-GV		5-10-10	7:00 AM	H2O	3	X								
(1) 646-2Q2M-2x-GV		5-10-10	7:00 AM	H2O	3								X	
(3) 646-2Q2M-2x GS		5-10-10	7:00 AM	H2O	1		X							
(7) Trip Blank		5-10-10	7:00 AM	H2O	3	X								
(1) Trip Blank		5-10-10	7:00 AM	H2O	3								X	

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

SPECIAL INSTRUCTIONS/COMMENTS:
Me
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

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 I
Edata ____ Yes ____ I

INVOICE INFORMATION
PO#
BILL TO:

R1002519
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: Shawn Flaherty	Signature: Amy Hentschke	Signature	Signature	Signature	Signature
Printed Name: Shawn Flaherty	Printed Name: Amy Hentschke	Printed Name	Printed Name	Printed Name	Printed Name
Firm: VWWA	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time: 5-10-10 2:00pm	Date/Time: 5/11/10 0940	Date/Time	Date/Time	Date/Time	Date/Time

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

SCOC-1102-08

R1002519
Veolia Water North America
GE -Pittsfield NPDES

Cooler Receipt And Preservation Check Form

Project/Client GE-Pittsfield Submission Number R1002519.

Cooler received on 5/11/10 by: MH 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:	2.1°	3.3°			
	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: 5/11/10 0952

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: MH

Cooler Breakdown: Date: 5/11/10 by: MLC

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	*	*	410905	3/11 → 3/2011				

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

Yes = All samples OK

No = Samples were preserved at lab as listed

PM OK to Adjust: _____

Bottle lot numbers: 9-308-001, 8-294-003

Other Comments:

Secondary Review: MH

*significant air bubbles are greater than 5-6 mm

SMODOCS\Cooler Receipt 2.doc

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	05/01/2010	**TO**	05/31/2010

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	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	0.0020	0.0029	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 MGR. PITTSFIELD REMEDIATION PROJ.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413)448-5902	06/23/2010
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)

FLOW TOTAL SEE FOOTNOTE 4.

Attachment E - Outfall 64T

Date	Estimated Flow - MGD	Rainfall Total - In	Rainfall Peak - In
05/01/10		0.00	0.00
05/02/10	0.0029	0.00	0.00
05/03/10		0.00	0.00
05/04/10		0.14	0.13
05/05/10		0.10	0.10
05/06/10		0.00	0.00
05/07/10		0.04	0.03
05/08/10		0.30	0.14
05/09/10		0.59	0.25
05/10/10	0.0014	0.00	0.00
05/11/10		0.00	0.00
05/12/10		0.08	0.03
05/13/10		0.03	0.01
05/14/10		0.42	0.31
05/15/10		0.00	0.00
05/16/10	0.0029	0.00	0.00
05/17/10		0.00	0.00
05/18/10		0.00	0.00
05/19/10		0.40	0.18
05/20/10		0.02	0.01
05/21/10		0.00	0.00
05/22/10		0.00	0.00
05/23/10	0.0012	0.00	0.00
05/24/10		0.00	0.00
05/25/10		0.00	0.00
05/26/10		0.00	0.00
05/27/10		0.03	0.02
05/28/10		0.00	0.00
05/29/10		0.00	0.00
05/30/10	0.0014	0.00	0.00
05/31/10		0.00	0.00

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	05/01/2010	**TO**	05/31/2010

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	7.66	******	7.68	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	0	0	lbs/d	0	******	0	mg/L	0	2/MO	COMP24
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	0	0	lbs/d	0	******	0	ng/L	0	2/MO	COMP24
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	.01 MO AVG	.03 DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Twice Per Month	COMP24
Rainfall	SAMPLE MEASUREMENT	0	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	0.1832	0.2793	MGD	******	******	******	******	0	CONT	RCORDR
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RECORD
Flow, total	SAMPLE MEASUREMENT	0.1892	0.1975	MGD	******	******	******	******	0	CONT	RCORDR
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	06/23/2010
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 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
05/01/10								0.199020	NO	0.00	0.00
05/02/10								0.261710	NO	0.00	0.00
05/03/10	7.68	U1.00	1,C	U4.10	1,G	0	C	0.180960	NO	0.00	0.00
05/04/10								0.193720	NO	0.14	0.13
05/05/10								0.209900	NO	0.10	0.10
05/06/10								0.181580	NO	0.00	0.00
05/07/10								0.197500	NO	0.04	0.03
05/08/10								0.246700	NO	0.30	0.14
05/09/10								0.279340	NO	0.59	0.25
05/10/10	7.66	U1.00	1,C	U4.10	1,G	0	C	0.197460	NO	0.00	0.00
05/11/10								0.178450	NO	0.00	0.00
05/12/10								0.157990	NO	0.08	0.03
05/13/10								0.210790	NO	0.03	0.01
05/14/10								0.253160	NO	0.42	0.31
05/15/10								0.213520	NO	0.00	0.00
05/16/10								0.094290	NO	0.00	0.00
05/17/10								0.178360	NO	0.00	0.00
05/18/10								0.181170	NO	0.00	0.00
05/19/10								0.248510	NO	0.40	0.18
05/20/10								0.064060	NO	0.02	0.01
05/21/10								0.195120	NO	0.00	0.00
05/22/10								0.191700	NO	0.00	0.00
05/23/10								0.127760	NO	0.00	0.00
05/24/10								0.121620	NO	0.00	0.00
05/25/10								0.180900	NO	0.00	0.00
05/26/10								0.148390	NO	0.00	0.00
05/27/10								0.161330	NO	0.03	0.02
05/28/10								0.182740	NO	0.00	0.00
05/29/10								0.122140	NO	0.00	0.00
05/30/10								0.162880	NO	0.00	0.00
05/31/10								0.156790	NO	0.00	0.00

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	W005-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	05/01/2010	TO	05/31/2010

DMR Mailing ZIP CODE: 01201

MAJOR
(SUBR W)
OUTFALL 005 WET WEATHER
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	NODI(9)	******	NODI(9)				
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	******	NODI(9)				
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Three Every Quarter	COMPOS
Oil & grease	SAMPLE MEASUREMENT	******	******	******	******	******	NODI(9)				
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	******	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	******	NODI(9)				
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Three Every Quarter	COMPOS
Rainfall	SAMPLE MEASUREMENT	0.59	0.59	IN	******	******	******	******	0	CONT	RCORDR
46529 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	******	******	******	******		Continuous	RCORDR
Flow, total	SAMPLE MEASUREMENT	0.2793	0.2793	MGD	******	******	******	******	0	CONT	RCORDR
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PROG TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations	Michael T. Carroll SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(413) 448-5902 AREA Code / NUMBER		06/23/2010 MM/DD/YYYY

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

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	05/01/2010	**TO**	05/31/2010

DMR Mailing ZIP CODE: 01201

MAJOR
(SUBR W)
DRYWEATHER 05A
Internal Outfall

No Discharge ☐

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PROJ TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations	Michael T. Carroll SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(413) 448-5902 AREA Code / NUMBER	06/23/2010 MM/DD/YYYY

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

TOTAL FLOW SEE FOOTNOTE 4.

Attachment E - Outfall 05A Dry

Date	Estimated Flow - MGD	Rainfall Total - In	Rainfall Peak - In	Flooded Condition
05/01/10		0.00	0.00	NO
05/02/10		0.00	0.00	NO
05/03/10		0.00	0.00	NO
05/04/10		0.14	0.13	NO
05/05/10		0.10	0.10	NO
05/06/10		0.00	0.00	NO
05/07/10		0.04	0.03	NO
05/08/10		0.30	0.14	NO
05/09/10		0.59	0.25	NO
05/10/10		0.00	0.00	NO
05/11/10		0.00	0.00	NO
05/12/10		0.08	0.03	NO
05/13/10		0.03	0.01	NO
05/14/10		0.42	0.31	NO
05/15/10		0.00	0.00	NO
05/16/10		0.00	0.00	NO
05/17/10		0.00	0.00	NO
05/18/10		0.00	0.00	NO
05/19/10		0.40	0.18	NO
05/20/10		0.02	0.01	NO
05/21/10		0.00	0.00	NO
05/22/10		0.00	0.00	NO
05/23/10		0.00	0.00	NO
05/24/10		0.00	0.00	NO
05/25/10		0.00	0.00	NO
05/26/10		0.00	0.00	NO
05/27/10		0.03	0.02	NO
05/28/10		0.00	0.00	NO
05/29/10		0.00	0.00	NO
05/30/10		0.00	0.00	NO
05/31/10		0.00	0.00	NO

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	05/01/2010	**TO**	05/31/2010

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	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)	NODI(9)		******	******	NODI(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	NODI(9)	NODI(9)		NODI(9)	******	NODI(9)				
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Three Every Quarter	COMPOS
Rainfall	SAMPLE MEASUREMENT	0.59	0.59	IN	******	******	******	******	0	DAILY WHEN DISCHARGING	TOTALZ
46529 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	******	******	******	******		Daily When Discharging	TOTALZ
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.0811	0.2052	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	7	******	#	******	******	******	******	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)447-5907	06/23/2010
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 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	05/01/2010	**TO**	05/31/2010

DMR Mailing ZIP CODE: 01201
MAJOR
(SUBR W)
OUTFALL 05A WET WEATHER
External Outfall
No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Flow, total	SAMPLE MEASUREMENT	0.2052	0.2052	MGD	******	******	******	******	0	CONT	RCORDR
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PROG.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations	Michael T. Carroll	(413) 448-5902		06/23/2010
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
05/01/10										NO	0.00	0.00
05/02/10								0.1066		NO	0.00	0.00
05/03/10										NO	0.00	0.00
05/04/10								0.0263		NO	0.14	0.13
05/05/10								0.0072		NO	0.10	0.10
05/06/10										NO	0.00	0.00
05/07/10										NO	0.04	0.03
05/08/10		28.40	C			1.0000	C	0.0823		NO	0.30	0.14
05/09/10								0.2052		NO	0.59	0.25
05/10/10										NO	0.00	0.00
05/11/10										NO	0.00	0.00
05/12/10								0.0023		NO	0.08	0.03
05/13/10										NO	0.03	0.01
05/14/10								0.1298		NO	0.42	0.31
05/15/10										NO	0.00	0.00
05/16/10										NO	0.00	0.00
05/17/10										NO	0.00	0.00
05/18/10										NO	0.00	0.00
05/19/10								0.0893		NO	0.40	0.18
05/20/10										NO	0.02	0.01
05/21/10										NO	0.00	0.00
05/22/10										NO	0.00	0.00
05/23/10										NO	0.00	0.00
05/24/10										NO	0.00	0.00
05/25/10										NO	0.00	0.00
05/26/10										NO	0.00	0.00
05/27/10										NO	0.03	0.02
05/28/10										NO	0.00	0.00
05/29/10										NO	0.00	0.00
05/30/10										NO	0.00	0.00
05/31/10										NO	0.00	0.00

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	05/01/2010	**TO**	05/31/2010

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

No Discharge X

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PROJ. TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T Carroll SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(413) 448-5902 AREA Code / NUMBER		06/23/2010 MM/DD/YYYY

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

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	05/01/2010	**TO**	05/31/2010

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

No Discharge X

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**				******	******	******	******			
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		06/23/2010
MGR PITTSFIELD REMEDIATION PROJ.			AREA Code	NUMBER	
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			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
05/01/10										0.00	0.00
05/02/10										0.00	0.00
05/03/10										0.00	0.00
05/04/10										0.14	0.13
05/05/10										0.10	0.10
05/06/10										0.00	0.00
05/07/10										0.04	0.03
05/08/10										0.30	0.14
05/09/10										0.59	0.25
05/10/10										0.00	0.00
05/11/10										0.00	0.00
05/12/10										0.08	0.03
05/13/10										0.03	0.01
05/14/10										0.42	0.31
05/15/10										0.00	0.00
05/16/10										0.00	0.00
05/17/10										0.00	0.00
05/18/10										0.00	0.00
05/19/10										0.40	0.18
05/20/10										0.02	0.01
05/21/10										0.00	0.00
05/22/10										0.00	0.00
05/23/10										0.00	0.00
05/24/10										0.00	0.00
05/25/10										0.00	0.00
05/26/10										0.00	0.00
05/27/10										0.03	0.02
05/28/10										0.00	0.00
05/29/10										0.00	0.00
05/30/10										0.00	0.00
05/31/10										0.00	0.00

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	05/01/2010	**TO**	05/31/2010

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	NODI(9)	******	NODI(9)				
00400 1 0 Effluent Gross	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 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	******	******	******	******	******	NODI(9)				
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	******	15 DAILY MX	mg/L		Twice Every Month	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		Twice Every Month	COMP24
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.0001	0.0007	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	******	******	******	NODI(9)	******	NODI(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	******	******	******	NODI(9)	******	NODI(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 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) 448-5802	06/23/2010
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code / NUMBER	MM/DD/YYYY

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

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	05/01/2010	**TO**	05/31/2010

DMR Mailing ZIP CODE: 01201

MAJOR
(SUBR W)
OUTFALL 006 DRY WEATHER
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Flow, total	SAMPLE MEASUREMENT	NOD1(9)	NOD1(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) 448-5902	06/23/2016
MGR ATTSFIELD 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 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
05/01/10		0.00	0.00
05/02/10	0.0007	0.00	0.00
05/03/10		0.00	0.00
05/04/10		0.14	0.13
05/05/10		0.10	0.10
05/06/10		0.00	0.00
05/07/10		0.04	0.03
05/08/10		0.30	0.14
05/09/10		0.59	0.25
05/10/10	0	0.00	0.00
05/11/10		0.00	0.00
05/12/10		0.08	0.03
05/13/10		0.03	0.01
05/14/10		0.42	0.31
05/15/10		0.00	0.00
05/16/10	0	0.00	0.00
05/17/10		0.00	0.00
05/18/10		0.00	0.00
05/19/10		0.40	0.18
05/20/10		0.02	0.01
05/21/10		0.00	0.00
05/22/10		0.00	0.00
05/23/10	0	0.00	0.00
05/24/10		0.00	0.00
05/25/10		0.00	0.00
05/26/10		0.00	0.00
05/27/10		0.03	0.02
05/28/10		0.00	0.00
05/29/10		0.00	0.00
05/30/10	0	0.00	0.00
05/31/10		0.00	0.00

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	05/01/2010	TO	05/31/2010

DMR Mailing ZIP CODE: 01201

MAJOR
(SUBR W)
OUTFALL 006 WET WEATHER
External Outfall

No Discharge ☐

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PROJ.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413) 448-5902		06/23/2010
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 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	05/01/2010	**TO**	05/31/2010

DMR Mailing ZIP CODE: 01201

MAJOR
(SUBR W)
OUTFALL 06A WET WEATHER
External Outfall

No Discharge [X]

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******		******					
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended	SAMPLE MEASUREMENT					******					
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	******	******	******	******	******					
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	******	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT					******					
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				******	******	******	******			
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				******	******	******	******			
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR
Number of Events	SAMPLE MEASUREMENT		******		******	******	******	******			
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		06/23/2010
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	05/01/2010	**TO**	05/31/2010

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

No Discharge X

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				******	******	******	******			
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PROJ.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413) 448-5902		06/23/2010
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

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

Attachment E - Outfall 06A Wet

Date	pH	TSS MG/L	FN	Oil & Grease MG/L	FN	PCB UG/L	FN	Metered Flow - MGD	Calculated Flow - MGD	FN	Rainfall Total - In	Rainfall Peak - In
05/01/10											0.00	0.00
05/02/10											0.00	0.00
05/03/10											0.00	0.00
05/04/10											0.14	0.13
05/05/10											0.10	0.10
05/06/10											0.00	0.00
05/07/10											0.04	0.03
05/08/10											0.30	0.14
05/09/10											0.59	0.25
05/10/10											0.00	0.00
05/11/10											0.00	0.00
05/12/10											0.08	0.03
05/13/10											0.03	0.01
05/14/10											0.42	0.31
05/15/10											0.00	0.00
05/16/10											0.00	0.00
05/17/10											0.00	0.00
05/18/10											0.00	0.00
05/19/10											0.40	0.18
05/20/10											0.02	0.01
05/21/10											0.00	0.00
05/22/10											0.00	0.00
05/23/10											0.00	0.00
05/24/10											0.00	0.00
05/25/10											0.00	0.00
05/26/10											0.00	0.00
05/27/10											0.03	0.02
05/28/10											0.00	0.00
05/29/10											0.00	0.00
05/30/10											0.00	0.00
05/31/10											0.00	0.00

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	05/01/2010	**TO**	05/31/2010

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

No Discharge [X]

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Rainfall	SAMPLE MEASUREMENT				******	******	******	******			
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		******		******	******	******	******			
51484 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. TOTAL	******	#	******	******	******	******		Daily When Discharging	VISUAL
Flow, total	SAMPLE MEASUREMENT				******	******	******	******			
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)448-5902	06/23/2010
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)

TOTAL FLOW SEE FOOTNOTE 3.

Attachment E - Outfall SR05A

Date	Metered Flow - MGD	Rainfall Total - In	Rainfall Peak - In
05/01/10		0.00	0.00
05/02/10		0.00	0.00
05/03/10		0.00	0.00
05/04/10		0.14	0.13
05/05/10		0.10	0.10
05/06/10		0.00	0.00
05/07/10		0.04	0.03
05/08/10		0.30	0.14
05/09/10		0.59	0.25
05/10/10		0.00	0.00
05/11/10		0.00	0.00
05/12/10		0.08	0.03
05/13/10		0.03	0.01
05/14/10		0.42	0.31
05/15/10		0.00	0.00
05/16/10		0.00	0.00
05/17/10		0.00	0.00
05/18/10		0.00	0.00
05/19/10		0.40	0.18
05/20/10		0.02	0.01
05/21/10		0.00	0.00
05/22/10		0.00	0.00
05/23/10		0.00	0.00
05/24/10		0.00	0.00
05/25/10		0.00	0.00
05/26/10		0.00	0.00
05/27/10		0.03	0.02
05/28/10		0.00	0.00
05/29/10		0.00	0.00
05/30/10		0.00	0.00
05/31/10		0.00	0.00

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	09B-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	05/01/2010	TO	05/31/2010

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	NOD(9)	******	NOD(9)				
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	NOD(9)	NOD(9)		NOD(9)	******	NOD(9)				
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Three Every Quarter	COMP24
Oil & grease	SAMPLE MEASUREMENT	******	NOD(9)		******	******	NOD(9)				
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	******	438 DAILY MX	lb/d	******	******	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	NOD(9)	NOD(9)		NOD(9)	******	NOD(9)				
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Three Every Quarter	COMP24
Rainfall	SAMPLE MEASUREMENT	0.14	0.14	IN	******	******	******	******	0	CONT	RCORDR
46529 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	******	******	******	******		Continuous	RCORDR
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.0126	0.0966	MGD	******	******	******	******	0	CONT	RCORDR
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR
Flow, total	SAMPLE MEASUREMENT	0.0121	0.0121	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	06/23/2010
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 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
05/01/10								0.000000			0.00	0.00
05/02/10								0.000000			0.00	0.00
05/03/10								0.000000			0.00	0.00
05/04/10		5.00	C			0	C	0.012140			0.14	0.13
05/05/10								0.008970			0.10	0.10
05/06/10								0.000770			0.00	0.00
05/07/10								0.003670			0.04	0.03
05/08/10								0.044280			0.30	0.14
05/09/10								0.096560			0.59	0.25
05/10/10								0.000010			0.00	0.00
05/11/10								0.000880			0.00	0.00
05/12/10								0.015100			0.08	0.03
05/13/10								0.001230			0.03	0.01
05/14/10								0.061570			0.42	0.31
05/15/10								0.000000			0.00	0.00
05/16/10								0.000000			0.00	0.00
05/17/10								0.015440			0.00	0.00
05/18/10								0.000000			0.00	0.00
05/19/10								0.057680			0.40	0.18
05/20/10								0.000000			0.02	0.01
05/21/10								0.000000			0.00	0.00
05/22/10								0.000000			0.00	0.00
05/23/10								0.000460			0.00	0.00
05/24/10								0.000020			0.00	0.00
05/25/10								0.005890			0.00	0.00
05/26/10								0.009260			0.00	0.00
05/27/10								0.016540			0.03	0.02
05/28/10								0.007940			0.00	0.00
05/29/10								0.024330			0.00	0.00
05/30/10								0.001270			0.00	0.00
05/31/10								0.005040			0.00	0.00

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	05/01/2010	**TO**	05/31/2010

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	NODI(9)	******	NODI(9)				
00400 1 0 Effluent Gross	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 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	******	******	******	NODI(9)	******	NODI(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	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		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	NODI(9)	NODI(9)		******	******	******	******			
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Twice Every Month	ESTIMA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PROJ.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413) 448-5902	06/23/2010
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code / NUMBER	MM/DD/YYYY

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

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

Attachment E - Outfall 009 Dry

Date	Estimated Flow - MGD	Rainfall Total - In	Rainfall Peak - In
05/01/10		0.00	0.00
05/02/10	0	0.00	0.00
05/03/10		0.00	0.00
05/04/10		0.14	0.13
05/05/10		0.10	0.10
05/06/10		0.00	0.00
05/07/10		0.04	0.03
05/08/10		0.30	0.14
05/09/10		0.59	0.25
05/10/10	0	0.00	0.00
05/11/10		0.00	0.00
05/12/10		0.08	0.03
05/13/10		0.03	0.01
05/14/10		0.42	0.31
05/15/10		0.00	0.00
05/16/10	0	0.00	0.00
05/17/10		0.00	0.00
05/18/10		0.00	0.00
05/19/10		0.40	0.18
05/20/10		0.02	0.01
05/21/10		0.00	0.00
05/22/10		0.00	0.00
05/23/10	0	0.00	0.00
05/24/10		0.00	0.00
05/25/10		0.00	0.00
05/26/10		0.00	0.00
05/27/10		0.03	0.02
05/28/10		0.00	0.00
05/29/10		0.00	0.00
05/30/10	0	0.00	0.00
05/31/10		0.00	0.00

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	05/01/2010	**TO**	05/31/2010

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

No Discharge ☐

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PROJ.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413) 448-5502		06/23/2010
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

SEE PAGE 14 OF PERMIT TOTAL FLOW SEE FOOTNOTE 4

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 2 OF 2

Project Name: ~~NPDES Permit~~ GHG LPCA MONITORING PROGRAM

Project Number: SS

Report CC:

Project Manager: Sean Coyle

Company/Address:
Veolia Water (GE CEP)
1000 East Street
Pittsfield, MA 01201

Phone: (413) 494-6709 **Fax:** (413) 494-7052

Sampler's Signature: [signature]

Sampler's Printed Name: Jason Webster

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

PRESERVATIVE: 1

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)	REMARKS/ ALTERNATE DESCRIPTION
(2) F10-64G-09		6-21-10	7:30 AM	H_2O	3	X							Port A
(2) F10-64E-10		6-21-10	7:30 AM	H_2O	3	X							B
(2) F10-64G-11		6-21-10	7:30 AM	H_2O	3	X							C
(2) F10-64G-12		6-21-10	7:30 AM	H_2O	3	X							D

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

SPECIAL INSTRUCTIONS/COMMENTS
Metals
Port A - NE IN, - Port B - NE out, Port C - NW out, Port D - SW out

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 Raw Data
_____ V. Specialized Forms / Custom Report
Edata _____ Yes _____ No

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #:

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

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature [signature]	Signature	Signature	Signature	Signature	Signature
Printed Name Jason Webster	Printed Name	Printed Name	Printed Name	Printed Name	Printed Name
Firm VWNA	Firm	Firm	Firm	Firm	Firm
Date/Time 6/21/10 3:30PM	Date/Time	Date/Time	Date/Time	Date/Time	Date/Time

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

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~~ GHG CPCA MONTR. PROGRAM
Project Number: S.C
Report CC:
Project Manager: Sean Coyle
Company/Address:
Veolia Water (GE CEP)
1000 East Street
Pittsfield, MA 01201
Phone: (413) 494-6709 Fax: (413) 494-7052

Sampler's Signature: [signature] Sampler's Printed Name: Jason Webster

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE: Ø Ø

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)	REMARKS/ ALTERNATE DESCRIPTION
(1) F10-64G-01		6-21-10	7 30 AM	H_2O	3	X							Port A
(1) F10-64G-02		6-21-10	7 30 AM	H_2O	3	X							B
(1) F10-64G-03		6-21-10	7 30 AM	H_2O	3	X							C
(1) F10-64G-04		6-21-10	7 30 AM	H_2O	3	X							D
(3) F10-64G-05		6-21-10	7 30 AM	H_2O	1		X						A
(3) F10-64G-06		6-21-10	7 30 AM	H_2O	1		X						B
(3) F10-64G-07		6-21-10	7 30 AM	H_2O	1		X						C
(3) F10-64G-08		6-21-10	7 30 AM	H_2O	1		X						D

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

SPECIAL INSTRUCTIONS/COMMENTS
Metals
Port A - NE IN, Port B - NE OUT
Port C - NW OUT, Port D - SW OUT

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 Raw Data
_____ V. Specialized Forms / Custom Report
Edata _____ Yes _____ No

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #:

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

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature [signature]	Signature	Signature	Signature	Signature	Signature
Printed Name Jason Webster	Printed Name	Printed Name	Printed Name	Printed Name	Printed Name
Firm VWNA	Firm	Firm	Firm	Firm	Firm
Date/Time 6/21/10 3:30PM	Date/Time	Date/Time	Date/Time	Date/Time	Date/Time

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

SCOC-1102-08

ARCADIS

Attachment C

NPDES Biomonitoring Report
January 2010