GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

Transmitted via Overnight Courier

December 9, 2011

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

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

Re: GE-Pittsfield/Housatonic River Site
Monthly Status Report Pursuant to Consent Decree for November 2011 (GECD900)

Dear Mr. Tagliaferro and Mr. Gorski:

Enclosed are copies of General Electric's (GE's) monthly progress report for November 2011 activities conducted by GE at the GE-Pittsfield/Housatonic River Site. This monthly report is submitted pursuant to Paragraph 67 of the Consent Decree (CD) for this Site, which was entered by the U.S. District Court on October 27, 2000.

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

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

Please call me if you have any questions.

Sincerely,

Richard W. Gates/DGN

Richard W. Gates
Remediation Project Manager

Enclosure

cc: Richard Fisher, EPA
Robert Cianciarulo, EPA (cover letter only)
Tim Conway, EPA (cover letter only)
Rose Howell, EPA (cover letter and CD-ROM of report)
Holly Inglis, EPA (hard copy and CD-ROM of report)
Susan Svirsky, EPA (Items 7, 15, and 20 only)
R. Leitch, USACE (CD-ROM of report)
John Ziegler, MDEP (hard copy and CD-ROM of report)
Eva Tor, MDEP (cover letter and CD-ROM of report)
Karen Pelto, MDEP (CD-ROM of report)
Nancy E. Harper, MA AG
Susan Peterson, CT DEP
Field Supervisor, US FWS, DOI
Kenneth Finkelstein, Ph.D., NOAA (Items 13, 14, and 15 only)
Mayor James Ruberto, City of Pittsfield
Corydon L. Thurston, Director, Pittsfield Economic Development Authority
Linda Palmieri, Weston
Jack Yablonsky, Berkshire Gas (CD-ROM of report)
Richard Nasman, P.E., Berkshire Gas (cover letter only)
Michael Carroll GE (CD-ROM of report)
Andrew Silfer, GE (cover letter only)
Rod McLaren, GE (CD-ROM of report)
James Nuss, ARCADIS
James Bieke, Sidley Austin
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)

November 2011

MONTHLY STATUS REPORT

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

GENERAL ELECTRIC COMPANY

PITTSFIELD, MASSACHUSETTS

Background

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

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

General Activities (GECD900)

GE Plant Area (non-groundwater)

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

Former Oxbow Areas (non-groundwater)

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

Housatonic River

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

Housatonic River Floodplain

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

Other Areas

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

Groundwater Management Areas (GMAs)

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

24A. On-Plant Consolidation Areas, Post-Closure Program

25. Former Oxbows A&C (GECD350)

GENERAL ACTIVITIES
GE-PITTSFIELD/HOUSATONIC RIVER SITE
(GECD900)
NOVEMBER 2011

a. Activities Undertaken/Completed

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

b. Sampling/Test Results Received

- Sample results were received for routine sampling conducted pursuant to GE's NPDES Permit for the GE facility. Sampling records and results are provided in Attachment A to this report.

- NPDES Discharge Monitoring Reports (DMRs) for the period of October 1 through October 31, 2011, are provided in Attachment B to this report.

c. Work Plans/Reports/Documents Submitted

Submitted updated notification, pursuant to Paragraph 41 of the CD, concerning shipments of waste material generated from response actions under the CD to waste management facilities outside of Massachusetts (November 3, 2011).*

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.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

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

a. Activities Undertaken/Completed

Continued activities relating to the future transfer of the portion of Woodlawn Avenue adjacent to the former 20s Complex, combined with the portion of that road within East Street Area 2-North, to the Pittsfield Economic Development Authority (PEDA), as discussed further under Item 3 (East Street Area 2-North).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Upcoming activities relating to the portion of Woodlawn Avenue adjacent to the former 20s Complex, combined with the portion of that road within East Street Area 2-North, are discussed further under Item 3 (East Street Area 2-North).

- PEDA is continuing to work with MDEP and EPA on amended Grants of Environmental Restrictions and Easements (EREs) for the former 30s and 20s Complexes, and to obtain subordination agreements for those EREs.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

ITEM 2
PLANT AREA
EAST STREET AREA 2-SOUTH
(GECD150)
NOVEMBER 2011

a. Activities Undertaken/Completed

- Completed remediation and restoration activities.*
- Conducted pump filter oil sampling at Building 64T for PCBs, as indicated in Table 2-1.
- Conducted equipment oil sampling at the Building 64G Groundwater Treatment Facility for PCBs, as indicated in Table 2-1.
- Performed wipe sampling on oil/water separator vacuum truck for PCBs, as indicated in Table 2-1.
- Performed November 2011 dry weather flow inspection activities associated with Drainage Basin 005 under GE's NPDES Permit.
- Completed cleaning activities at Oil/Water Separator 64Z in accordance with GE's NPDES Permit.
- Performed monitoring and sampling activities in accordance with GE's Wet Weather Ambient Monitoring Plan, as indicated in Table 2-1.
- Performed monitoring and sampling activities in accordance with GE's Dry Weather Ambient Monitoring Plan, as indicated in Table 2-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Conduct 30-day post-remediation inspection (on December 1, 2011).*
- Perform follow-up punch-list items identified during post-remediation inspection.*
- Perform December 2011 dry weather flow inspection activities associated with Drainage Basins 005 and 006 under GE's NPDES Permit.

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

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

- Conduct discussions with EPA regarding anticipated restricted areas under the forthcoming ERE for East Street Area 2-South, and begin work on draft ERE.*

- Initiate preparation of Completion of Installation of Restoration Work Report.*

- Initiate preparation of draft Final Completion Report.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Building 64G LPCA Monitoring Program	K11-64G-PC-13	11/27/11	Water	SGS	PCB	
Building 64G LPCA Monitoring Program	K11-64G-PC-14	11/27/11	Water	SGS	PCB	
Building 64G LPCA Monitoring Program	K11-64G-PC-15	11/27/11	Water	SGS	PCB	
Building 64G LPCA Monitoring Program	K11-64G-PC-16	11/27/11	Water	SGS	PCB	
Building 64G LPCA Monitoring Program	K11-64G-PC-17	11/27/11	Water	SGS	PCB	
Building 64T Oil from Treatment Plant Equipment	C3375	11/16/11	Oil	SGS	PCB	
Building 64T Oil from Treatment Plant Equipment	E2800	11/16/11	Oil	SGS	PCB	
Dry Weather Ambient Monitoring Sampling	006-DOWNSTREAM-25	11/18/11	Water	Columbia	TSS, Oil & Grease	
Dry Weather Ambient Monitoring Sampling	006-DOWNSTREAM-25	11/7/11	Water	Columbia	TSS, Oil & Grease	11/17/11
Dry Weather Ambient Monitoring Sampling	006-DOWNSTREAM-25	11/18/11	Water	SGS	PCB	11/30/11
Dry Weather Ambient Monitoring Sampling	006-DOWNSTREAM-25	11/7/11	Water	SGS	PCB	11/21/11
Dry Weather Ambient Monitoring Sampling	006-DOWNSTREAM-50	11/18/11	Water	Columbia	TSS, Oil & Grease	
Dry Weather Ambient Monitoring Sampling	006-DOWNSTREAM-50	11/7/11	Water	Columbia	TSS, Oil & Grease	11/17/11
Dry Weather Ambient Monitoring Sampling	006-DOWNSTREAM-50	11/7/11	Water	SGS	PCB	11/21/11
Dry Weather Ambient Monitoring Sampling	006-DOWNSTREAM-50	11/18/11	Water	SGS	PCB	11/30/11
Dry Weather Ambient Monitoring Sampling	006-DOWNSTREAM-75	11/7/11	Water	Columbia	TSS, Oil & Grease	11/17/11
Dry Weather Ambient Monitoring Sampling	006-DOWNSTREAM-75	11/18/11	Water	Columbia	TSS, Oil & Grease	
Dry Weather Ambient Monitoring Sampling	006-DOWNSTREAM-75	11/7/11	Water	SGS	PCB	11/21/11
Dry Weather Ambient Monitoring Sampling	006-DOWNSTREAM-75	11/18/11	Water	SGS	PCB	11/30/11
Dry Weather Ambient Monitoring Sampling	006-UPSTREAM-25	11/18/11	Water	Columbia	TSS, Oil & Grease	
Dry Weather Ambient Monitoring Sampling	006-UPSTREAM-25	11/7/11	Water	Columbia	TSS, Oil & Grease	11/17/11
Dry Weather Ambient Monitoring Sampling	006-UPSTREAM-25	11/7/11	Water	SGS	PCB	11/21/11
Dry Weather Ambient Monitoring Sampling	006-UPSTREAM-25	11/18/11	Water	SGS	PCB	11/30/11
Dry Weather Ambient Monitoring Sampling	006-UPSTREAM-50	11/18/11	Water	Columbia	TSS, Oil & Grease	
Dry Weather Ambient Monitoring Sampling	006-UPSTREAM-50	11/7/11	Water	Columbia	TSS, Oil & Grease	11/17/11
Dry Weather Ambient Monitoring Sampling	006-UPSTREAM-50	11/18/11	Water	SGS	PCB	11/30/11
Dry Weather Ambient Monitoring Sampling	006-UPSTREAM-50	11/7/11	Water	SGS	PCB	11/21/11
Dry Weather Ambient Monitoring Sampling	006-UPSTREAM-75	11/18/11	Water	Columbia	TSS, Oil & Grease	
Dry Weather Ambient Monitoring Sampling	006-UPSTREAM-75	11/7/11	Water	Columbia	TSS, Oil & Grease	11/17/11
Dry Weather Ambient Monitoring Sampling	006-UPSTREAM-75	11/18/11	Water	SGS	PCB	11/30/11
Dry Weather Ambient Monitoring Sampling	006-UPSTREAM-75	11/7/11	Water	SGS	PCB	11/21/11
Dry Weather Ambient Monitoring Sampling	05A-DOWNSTREAM-25	11/18/11	Water	Columbia	TSS, Oil & Grease	
Dry Weather Ambient Monitoring Sampling	05A-DOWNSTREAM-25	11/7/11	Water	Columbia	TSS, Oil & Grease	11/17/11
Dry Weather Ambient Monitoring Sampling	05A-DOWNSTREAM-25	11/7/11	Water	SGS	PCB	11/21/11
Dry Weather Ambient Monitoring Sampling	05A-DOWNSTREAM-25	11/18/11	Water	SGS	PCB	11/30/11
Dry Weather Ambient Monitoring Sampling	05A-DOWNSTREAM-50	11/7/11	Water	Columbia	TSS, Oil & Grease	11/17/11
Dry Weather Ambient Monitoring Sampling	05A-DOWNSTREAM-50	11/18/11	Water	Columbia	TSS, Oil & Grease	
Dry Weather Ambient Monitoring Sampling	05A-DOWNSTREAM-50	11/18/11	Water	SGS	PCB	11/30/11
Dry Weather Ambient Monitoring Sampling	05A-DOWNSTREAM-50	11/7/11	Water	SGS	PCB	11/21/11
Dry Weather Ambient Monitoring Sampling	05A-DOWNSTREAM-75	11/18/11	Water	Columbia	TSS, Oil & Grease	

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Dry Weather Ambient Monitoring Sampling	05A-DOWNSTREAM-75	11/7/11	Water	Columbia	TSS, Oil & Grease	11/17/11
Dry Weather Ambient Monitoring Sampling	05A-DOWNSTREAM-75	11/7/11	Water	SGS	PCB	11/21/11
Dry Weather Ambient Monitoring Sampling	05A-DOWNSTREAM-75	11/18/11	Water	SGS	PCB	11/30/11
Dry Weather Ambient Monitoring Sampling	05A-UPSTREAM-25	11/18/11	Water	Columbia	TSS, Oil & Grease	
Dry Weather Ambient Monitoring Sampling	05A-UPSTREAM-25	11/7/11	Water	Columbia	TSS, Oil & Grease	11/17/11
Dry Weather Ambient Monitoring Sampling	05A-UPSTREAM-25	11/18/11	Water	SGS	PCB	11/30/11
Dry Weather Ambient Monitoring Sampling	05A-UPSTREAM-25	11/7/11	Water	SGS	PCB	11/21/11
Dry Weather Ambient Monitoring Sampling	05A-UPSTREAM-50	11/7/11	Water	Columbia	TSS, Oil & Grease	11/17/11
Dry Weather Ambient Monitoring Sampling	05A-UPSTREAM-50	11/18/11	Water	Columbia	TSS, Oil & Grease	
Dry Weather Ambient Monitoring Sampling	05A-UPSTREAM-50	11/18/11	Water	SGS	PCB	11/30/11
Dry Weather Ambient Monitoring Sampling	05A-UPSTREAM-50	11/7/11	Water	SGS	PCB	11/21/11
Dry Weather Ambient Monitoring Sampling	05A-UPSTREAM-75	11/18/11	Water	Columbia	TSS, Oil & Grease	
Dry Weather Ambient Monitoring Sampling	05A-UPSTREAM-75	11/7/11	Water	Columbia	TSS, Oil & Grease	11/17/11
Dry Weather Ambient Monitoring Sampling	05A-UPSTREAM-75	11/7/11	Water	SGS	PCB	11/21/11
Dry Weather Ambient Monitoring Sampling	05A-UPSTREAM-75	11/18/11	Water	SGS	PCB	11/30/11
NPDES Related Wet Weather Ambient Monitoring	Hou-Downstream-111511	11/15/11	Water	Columbia	TSS	
NPDES Related Wet Weather Ambient Monitoring	Hou-Downstream-111511	11/15/11	Water	SGS	PCB	11/28/11
NPDES Related Wet Weather Ambient Monitoring	Hou-Downstream-111511-25	11/15/11	Water	Columbia	Oil & Grease	
NPDES Related Wet Weather Ambient Monitoring	Hou-Downstream-111511-50	11/15/11	Water	Columbia	Oil & Grease	
NPDES Related Wet Weather Ambient Monitoring	Hou-Downstream-111511-75	11/15/11	Water	Columbia	Oil & Grease	
NPDES Related Wet Weather Ambient Monitoring	Hou-Upstream-111511	11/15/11	Water	Columbia	TSS	
NPDES Related Wet Weather Ambient Monitoring	Hou-Upstream-111511	11/15/11	Water	SGS	PCB	11/28/11
NPDES Related Wet Weather Ambient Monitoring	Hou-Upstream-111511-25	11/15/11	Water	Columbia	Oil & Grease	
NPDES Related Wet Weather Ambient Monitoring	Hou-Upstream-111511-50	11/15/11	Water	Columbia	Oil & Grease	
NPDES Related Wet Weather Ambient Monitoring	Hou-Upstream-111511-75	11/15/11	Water	Columbia	Oil & Grease	
Oil/Water Separator Vac Truck Wipe Sampling	VAC-FLOOR-01	11/1/11	Wipe	SGS	PCB	11/4/11
Oil/Water Separator Vac Truck Wipe Sampling	VAC-GATE-01	11/1/11	Wipe	SGS	PCB	11/4/11
Oil/Water Separator Vac Truck Wipe Sampling	VAC-WALL-01	11/1/11	Wipe	SGS	PCB	11/4/11

TABLE 2-2
PCB DATA RECEIVED DURING NOVEMBER 2011

OIL/WATER SEPARATOR VAC TRUCK WIPE SAMPLING
EAST STREET AREA 2-SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in μg/100cm^2)

Sample ID	Date Collected	Aroclor-1016, 1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
VAC-FLOOR-01	11/1/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
VAC-GATE-01	11/1/2011	ND(1.0)	0.33 J	1.2	1.53
VAC-WALL-01	11/1/2011	ND(1.0)	ND(1.0)	0.42 J	0.42 J

Notes:

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

Data Qualifiers:

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

TABLE 2-3
DATA RECEIVED DURING NOVEMBER 2011

NPDES RELATED WET WEATHER AMBIENT MONITORING
EAST STREET AREA 2-SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	Hou-Downstream-111511 11/15/11	Hou-Upstream-111511 11/15/11
PCBs-Unfiltered		
None Detected	--	--

Notes:

1. Samples were collected by ARCADIS and submitted SGS Environmental Services, Inc. for analysis of PCBs.
2. Only those constituents detected in one or more samples are summarized.
3. -- Indicates that all constituents for the parameter group were not detected.

TABLE 2-4
DATA RECEIVED DURING NOVEMBER 2011

DRY WEATHER AMBIENT MONITORING SAMPLING
EAST STREET AREA 2-SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	05A-DOWNSTREAM-25 11/07/11	05A-DOWNSTREAM-25 11/18/11	05A-DOWNSTREAM-50 11/07/11	05A-DOWNSTREAM-50 11/18/11	05A-DOWNSTREAM-75 11/07/11
PCBs-Unfiltered					
Aroclor-1248	ND(0.000016)	ND(0.000016)	ND(0.000015)	ND(0.000016)	0.000019
Aroclor-1254	0.000099	ND(0.000016)	0.000032	ND(0.000016)	0.00014
Aroclor-1260	0.000033	ND(0.000016)	0.0000086 J	ND(0.000016)	ND(0.000015)
Total PCBs	0.000132	ND(0.000016)	0.0000406	ND(0.000016)	0.000159
Conventionals					
Total Suspended Solids	ND(1.00)	NA	ND(1.00)	NA	ND(1.00)

TABLE 2-4
DATA RECEIVED DURING NOVEMBER 2011

DRY WEATHER AMBIENT MONITORING SAMPLING
EAST STREET AREA 2-SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	05A-DOWNSTREAM-75 11/18/11	05A-UPSTREAM-25 11/07/11	05A-UPSTREAM-25 11/18/11	05A-UPSTREAM-50 11/07/11	05A-UPSTREAM-50 11/18/11
PCBs-Unfiltered					
Aroclor-1248	ND(0.000016)	0.000015 J	ND(0.000015)	0.000011 J	ND(0.000016)
Aroclor-1254	ND(0.000016)	0.00011	ND(0.000015)	0.000061	ND(0.000016)
Aroclor-1260	ND(0.000016)	0.000037	ND(0.000015)	0.000019	ND(0.000016)
Total PCBs	ND(0.000016)	0.000162	ND(0.000015)	0.000091	ND(0.000016)
Conventionals					
Total Suspended Solids	NA	ND(1.00)	NA	ND(1.00)	NA

TABLE 2-4
DATA RECEIVED DURING NOVEMBER 2011

DRY WEATHER AMBIENT MONITORING SAMPLING
EAST STREET AREA 2-SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	05A-UPSTREAM-75 11/07/11	05A-UPSTREAM-75 11/18/11	006-DOWNSTREAM-25 11/07/11	006-DOWNSTREAM-25 11/18/11	006-DOWNSTREAM-50 11/07/11
PCBs-Unfiltered					
Aroclor-1248	ND(0.000016)	ND(0.000015)	ND(0.000015)	ND(0.000016)	ND(0.000016)
Aroclor-1254	0.000016 J	ND(0.000015)	0.0000098 J	ND(0.000016)	0.0000079 J
Aroclor-1260	0.0000025 J	ND(0.000015)	ND(0.000015)	ND(0.000016)	ND(0.000016)
Total PCBs	0.0000185 J	ND(0.000015)	0.0000098 J	ND(0.000016)	0.0000079 J
Conventionals					
Total Suspended Solids	1.00	NA	ND(1.10)	NA	ND(1.10)

TABLE 2-4
DATA RECEIVED DURING NOVEMBER 2011

DRY WEATHER AMBIENT MONITORING SAMPLING
EAST STREET AREA 2-SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	006-DOWNSTREAM-50 11/18/11	006-DOWNSTREAM-75 11/07/11	006-DOWNSTREAM-75 11/18/11	006-UPSTREAM-25 11/07/11	006-UPSTREAM-25 11/18/11
PCBs-Unfiltered					
Aroclor-1248	ND(0.000016)	ND(0.000016)	ND(0.000016)	ND(0.000015)	ND(0.000016)
Aroclor-1254	ND(0.000016)	0.0000088 J	ND(0.000016)	0.000055	ND(0.000016)
Aroclor-1260	ND(0.000016)	ND(0.000016)	ND(0.000016)	0.000017	ND(0.000016)
Total PCBs	ND(0.000016)	0.0000088 J	ND(0.000016)	0.000072	ND(0.000016)
Conventionals					
Total Suspended Solids	NA	ND(1.00)	NA	ND(1.00)	NA

TABLE 2-4
DATA RECEIVED DURING NOVEMBER 2011

DRY WEATHER AMBIENT MONITORING SAMPLING
EAST STREET AREA 2-SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	006-UPSTREAM-50 11/07/11	006-UPSTREAM-50 11/18/11	006-UPSTREAM-75 11/07/11	006-UPSTREAM-75 11/18/11
PCBs-Unfiltered				
Aroclor-1248	ND(0.000015)	ND(0.000015)	0.0000096 J	ND(0.000016)
Aroclor-1254	0.000044	ND(0.000015)	0.000066	0.0000077 J
Aroclor-1260	0.000015 J	ND(0.000015)	0.000020	ND(0.000016)
Total PCBs	0.000059	ND(0.000015)	0.0000956	0.0000077 J
Conventionals				
Total Suspended Solids	ND(1.00)	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, oil & grease and total suspended solids.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. With the exception of conventionals only those constituents detected in one or more samples are summarized.

Data Qualifiers:

Organics (PCBs)

J - Indicates an estimated value less than the practical quantitation limit (PQL) - SGS Environmental Services, Inc.

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

a. Activities Undertaken/Completed

- Conducted Pre-Certification Inspection of East Street Area 2-North (November 15, 2011).*
- Continued discussions with PEDA relating to activities associated with transfer of the former 19s Complex and Woodlawn Avenue to PEDA.
- Performed November 2011 dry weather flow inspection activities associated with Drainage Basin 005 under GE's NPDES Permit.
- Sampled excavation soil pile for PCBs and Toxicity Characteristic Leaching Procedure (TCLP) constituents, as indicated in Table 3-1.
- Collected and transferred approximately 78,000 gallons of water from Building 9 to the Building 64G Groundwater Treatment Facility (GWTF) for treatment.
- Collected and transferred approximately 9,000 gallons of water generated during NPDES maintenance projects to the Building 64G GWTF for treatment.
- Continued pre-demolition preparation activities at the Building 9 and 10 Complexes.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Provided a revised draft Final Completion Report for East Street Area 2-North Removal Action to EPA for review and comment (November 22, 2011).*

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

- Complete transfer of Woodlawn Avenue to PEDA.
- Continue discussions with PEDA relating to activities associated with transfer of the former 19s Complex to PEDA.
- Perform December 2011 dry weather flow inspection activities associated with Drainage Basin 005 under GE's NPDES Permit.
- Continue preparation of a cleanup plan for a vault in Building 9.

ITEM 3
(cont'd)
PLANT AREA
EAST STREET AREA 2-NORTH
(GECD140)
NOVEMBER 2011

e. General Progress/Unresolved Issues/Potential Schedule Impacts

GE is awaiting signature by the MDEP Commissioner on the ERE for East Street Area 2-North (excluding Woodlawn Avenue). Such signature is necessary for recordation of that ERE, which is a prerequisite for completion of the Final Completion Report for East Street Area 2-North.*

f. Proposed/Approved Work Plan Modifications

None

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

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
Excavation Soil Pile	ESA2-N1	11/21/11	Soil	SGS	PCB, TCLP - Excludes Pest, Herb	11/30/2011

TABLE 3-2
PCB DATA RECEIVED DURING NOVEMBER 2011

EXCAVATION SOIL PILE SAMPLING
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
ESA2-N1	11/21/2011	ND(0.40)	4.3	4.5	8.8

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. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Please refer to Table 3-3 for a summary of TCLP constituents.

TABLE 3-3
TCLP DATA RECEIVED DURING NOVEMBER 2011

EXCAVATION SOIL PILE SAMPLING
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	ESA2-N1 11/21/2011
Volatile Organics		
1,1-Dichloroethene	0.7	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)
1,4-Dichlorobenzene	7.5	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(0.050)
2,4,5-Trichlorophenol	400	ND(0.050)
2,4,6-Trichlorophenol	2	ND(0.050)
2,4-Dinitrotoluene	0.13	ND(0.050)
2-Methylphenol	200	ND(0.050)
3&4-Methylphenol	200	ND(0.050)
Hexachlorobenzene	0.13	ND(0.050)
Hexachlorobutadiene	0.5	ND(0.050)
Hexachloroethane	3	ND(0.050)
Nitrobenzene	2	ND(0.050)
Pentachlorophenol	100	ND(0.050)
Pyridine	5	ND(0.050)
Inorganics		
Arsenic	5	ND(0.100)
Barium	100	0.353 B
Cadmium	1	0.0195 B
Chromium	5	0.0252 B
Lead	5	0.0609 B
Mercury	0.2	ND(0.000300)
Selenium	1	ND(0.200)
Silver	5	0.0624 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 toTable 3-2 for a summary of PCBs.
3. ND - Analyte was not detected. The number in parentheses 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 4
PLANT AREA
EAST STREET AREA 1-NORTH
(GECD130)
NOVEMBER 2011

a. Activities Undertaken/Completed

- Continued pre-demolition activities in Building 69.
- Conducted annual Conditional Solution inspections (November 16, 2011).*

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- The demolition of Building 69 is anticipated to be performed in coordination with the City of Pittsfield's demolition of the adjacent/attached building.
- Submit report on annual Conditional Solution inspections.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

ITEM 5
PLANT AREA
HILL 78 & BUILDING 71 CONSOLIDATION AREAS
(GECD210/220)
NOVEMBER 2011

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

a. Activities Undertaken/Completed

- No leachate was transferred in November 2011 from Building 71 On-Plant Consolidation Area (OPCA) to Building 64G Groundwater Treatment Facility for treatment (see Table 5-5).

- Completed the repairs to the OPCA final cover in accordance with GE's October 26, 2011 Slope Repair Proposal as conditionally approved by EPA on October 28, 2011.

- Performed two topographic surveys in accordance with the above-referenced Slope Repair Proposal.

- Conducted air monitoring for particulate matter, as identified in Table 5-1.

- Sampled final cover repair soils for PCBs and TCLP constituents, as identified in Table 5-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Submit topographic survey results to EPA in accordance with the above-referenced Slope Repair Proposal.

- Develop revised inspection figure for the Post-Removal Site Control Plan in accordance with the above-referenced Slope Repair Proposal.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
OPCA Repair Sand Pile	OPCA 1	11/21/11	Soil	SGS	PCB, TCLP - Excludes Pest, Herb	11/30/2011
Ambient Air Particulate Matter Sampling	North of OPCAs	11/3/2011	Air	Berkshire Environmental	Particulate Matter	11/7/2011
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	11/3/2011	Air	Berkshire Environmental	Particulate Matter	11/7/2011
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	11/3/2011	Air	Berkshire Environmental	Particulate Matter	11/7/2011
Ambient Air Particulate Matter Sampling	Background Location	11/3/2011	Air	Berkshire Environmental	Particulate Matter	11/7/2011
Ambient Air Particulate Matter Sampling	North of OPCAs	11/4/2011	Air	Berkshire Environmental	Particulate Matter	11/7/2011
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	11/4/2011	Air	Berkshire Environmental	Particulate Matter	11/7/2011
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	11/4/2011	Air	Berkshire Environmental	Particulate Matter	11/7/2011
Ambient Air Particulate Matter Sampling	Background Location	11/4/2011	Air	Berkshire Environmental	Particulate Matter	11/7/2011
Ambient Air Particulate Matter Sampling	North of OPCAs	11/7/2011	Air	Berkshire Environmental	Particulate Matter	11/14/2011
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	11/7/2011	Air	Berkshire Environmental	Particulate Matter	11/14/2011
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	11/7/2011	Air	Berkshire Environmental	Particulate Matter	11/14/2011
Ambient Air Particulate Matter Sampling	Background Location	11/7/2011	Air	Berkshire Environmental	Particulate Matter	11/14/2011
Ambient Air Particulate Matter Sampling	North of OPCAs	11/8/2011	Air	Berkshire Environmental	Particulate Matter	11/14/2011
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	11/8/2011	Air	Berkshire Environmental	Particulate Matter	11/14/2011
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	11/8/2011	Air	Berkshire Environmental	Particulate Matter	11/14/2011
Ambient Air Particulate Matter Sampling	Background Location	11/8/2011	Air	Berkshire Environmental	Particulate Matter	11/14/2011
Ambient Air Particulate Matter Sampling	North of OPCAs	11/9/2011	Air	Berkshire Environmental	Particulate Matter	11/14/2011
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	11/9/2011	Air	Berkshire Environmental	Particulate Matter	11/14/2011
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	11/9/2011	Air	Berkshire Environmental	Particulate Matter	11/14/2011
Ambient Air Particulate Matter Sampling	Background Location	11/9/2011	Air	Berkshire Environmental	Particulate Matter	11/14/2011

TABLE 5-2
AMBIENT AIR PARTICULATE MATTER DATA - 2011

PARTICULATE AMBIENT AIR CONCENTRATIONS
HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sampling Date[1]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
05/11/11	Pittsfield Generating Co.	0.001 *	0.009	7:00[3]	NNE
	Southwest of OPCAs-R[2]	0.001 *		7:15[3]	
11/03/11	North of OPCAs	0.028	0.021	10:45	Calm
	Pittsfield Generating Co.	0.027		10:45	
	Southeast of OPCAs	0.030		10:45	
11/04/11	North of OPCAs	0.004	0.002	10:45	NNW
	Pittsfield Generating Co.	0.003		10:45	
	Southeast of OPCAs	0.004		10:45	
11/07/11	North of OPCAs	0.018	0.015	10:45	Variable
	Pittsfield Generating Co.	0.019		10:45	
	Southeast of OPCAs	0.021		10:45	
11/08/11	North of OPCAs	0.023	0.016	10:45	Calm
	Pittsfield Generating Co.	0.033		10:45	
	Southeast of OPCAs	0.025		10:45	
11/09/11	North of OPCAs	0.037	0.017	10:45	SSW
	Pittsfield Generating Co.	0.021		10:45	
	Southeast of OPCAs	0.026		10:45	
Notification Level		0.120			
Action Level		0.150			

Notes:

Concentrations measured with an EBAM unless otherwise noted.

* Measured with a DR-4000.

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

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

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

[2] The sampling location Southwest of OPCAs-R is approximately 175 feet southeast of the original Southwest of OPCAs location.

[3] Sampling period represents a workday schedule from 10 AM - 5 PM.

TABLE 5-3
PCB DATA RECEIVED DURING NOVEMBER 2011

OPCA REPAIR SAND PILE
HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
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
OPCA 1	11/21/2011	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)

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. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Please refer to Table 5-4 for a summary of TCLP constituents.

TABLE 5-4
TCLP DATA RECEIVED DURING NOVEMBER 2011

OPCA REPAIR SAND PILE
HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID: / Date Collected:	TCLP Regulatory Limits	OPCA 1 11/21/2011
Volatile Organics		
1,1-Dichloroethene	0.7	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)
1,4-Dichlorobenzene	7.5	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(0.050)
2,4,5-Trichlorophenol	400	ND(0.050)
2,4,6-Trichlorophenol	2	ND(0.050)
2,4-Dinitrotoluene	0.13	ND(0.050)
2-Methylphenol	200	ND(0.050)
3&4-Methylphenol	200	ND(0.050)
Hexachlorobenzene	0.13	ND(0.050)
Hexachlorobutadiene	0.5	ND(0.050)
Hexachloroethane	3	ND(0.050)
Nitrobenzene	2	ND(0.050)
Pentachlorophenol	100	ND(0.050)
Pyridine	5	ND(0.050)
Inorganics		
Arsenic	5	ND(0.100)
Barium	100	0.399 B
Cadmium	1	0.0167 B
Chromium	5	0.0160 B
Lead	5	ND(0.100)
Mercury	0.2	ND(0.000300)
Selenium	1	ND(0.200)
Silver	5	0.0570 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 toTable 5-3 for a summary of PCBs.
3. ND - Analyte was not detected. The number in parentheses 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 5-5
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
November 2011

Month / Year	Total Volume of Leachate Transferred (Gallons)
November 2010	6,000
December 2010	0
January 2011	5,580
February 2011	5,800
March 2011	6,000
April 2011	0
May 2011	4,968
June 2011	4,100
July 2011	0
August 2011	6,000
September 2011	0
October 2011	10,000
November 2011	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)
NOVEMBER 2011

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

Sampled decontamination water from drilling equipment for PCBs, VOCs, SVOCs, and metals, as indicated in Table 6-1.

c. Work Plans/Reports/Documents Submitted

None

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

Continue efforts to establish a new easement for the city storm water and sewer pipelines that were relocated by GE.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

TABLE 6-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING NOVEMBER 2011

HILL 78 AREA-REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Parratt-Wolff Decon Drilling Equipment Water	B2492	11/21/11	Water	SGS	PCB, VOC, SVOC, Metals	11/30/2011

TABLE 6-2
DATA RECEIVED DURING NOVEMBER 2011

PARRATT-WOLFF DECON DRILLING EQUIPMENT WATER
HILL 78 AREA-REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Date Collected:	B2492 / 11/21/11
Volatile Organics		
1,3-Dichlorobenzene		0.00076 J
1,4-Dichlorobenzene		0.0010
Acetone		0.0033 J
Bromoform		0.0012
Chloromethane		0.0012
Dibromochloromethane		0.0010
PCBs-Unfiltered		
Aroclor-1254		0.000071
Aroclor-1260		0.00015
Total PCBs		0.000221
Semivolatile Organics		
bis(2-Ethylhexyl)phthalate		0.0025 J
Inorganics-Unfiltered		
Barium		0.0805 B
Cadmium		0.00193 B
Chromium		0.00473 B
Lead		0.0836
Mercury		0.000558
Silver		0.00619 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.

Data Qualifiers:

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

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

ITEM 7
PLANT AREA
UNKAMET BROOK AREA
(GECD170)
NOVEMBER 2011

a. Activities Undertaken/Completed

- Performed November 2011 dry weather flow inspection activities associated with Drainage Basin 005 under GE's NPDES Permit.

- Transferred approximately 9,000 gallons of water generated during General Dynamics' excavation for construction of a new employee entrance structure on the west side of Building OP-2 to the Building 64G Groundwater Treatment Facility for treatment.

- Sampled oil from Building 130 roof-top-units for PCBs, as indicated in Table 7-1.

- Performed monitoring and sampling activities associated with GE's Dry Weather Ambient Monitoring Plan, as indicated in Table 7-1.

- Continued discussions with owners of Parcel L12-1-4 and L12-1-101 regarding the EREs for those properties.*

- Received preliminary comments from EPA on an interim draft design submittal for Unkamet Brook Area-Remainder.*

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted revisions to the Dry Weather Ambient Monitoring Plan in accordance with GE's August 19 and September 22, 2011 responses to EPA comments.

- Submitted executed ERE for Parcel L12-1-5 to MDEP for acceptance by the MDEP Commissioner (November 4, 2011).*

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

- Conduct discussions with EPA regarding GE's interim draft design submittals for Unkamet Brook Area-Remainder.*

- Following owners' execution of EREs for Parcels L12-1-4 and L12-1-101, transmit those EREs to EPA for final approval and to MDEP for acceptance.*

ITEM 7
(cont'd)
PLANT AREA
UNKAMET BROOK AREA
(GECD170)
NOVEMBER 2011

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

- Initiate efforts to obtain an access agreement with CSX Transportation, Inc. for access to Parcel K11-4-2 for performing a video inspection of storm sewer lines.*

- Perform December 2011 dry weather flow inspection activities associated with Drainage Basin 009 under GE's NPDES Permit.

- Following discussions with EPA, continue development of an ERE and survey plan for GE-owned Parcel K11-7-2 and begin work on requests for subordination agreements for that ERE.*

- Continue efforts to obtain a reissued license from the U.S. Navy for access to the Navy property (Parcel L12-2-2) for the performance of the necessary investigations and remediation.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- Based on agreement between GE and EPA, the submittal date for the Final RD/RA Work Plan for Unkamet Brook Area-Remainder has been postponed, and GE has submitted various interim draft design submittals for that area to EPA for review and discussion.*

- While preparation of an ERE and survey plan for GE-owned Parcel K11-7-2 has begun, it is anticipated that these documents will not be completed until after proposed excavations on that property by GE have been completed. It is also anticipated that subordination agreements for that ERE will not be obtained until that time.*

- It is anticipated that the City of Pittsfield will draft an ERE for City-owned Parcel K11-7-9.*

f. Proposed/Approved Work Plan Modifications

None

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

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Building 130 Roof-Top-Units Sampling	C3194	11/1/11	Oil	SGS	PCB	11/4/11
Dry Weather Ambient Monitoring Sampling	009-DOWNSTREAM-25	11/7/11	Water	Columbia	TSS, Oil & Grease	11/17/11
Dry Weather Ambient Monitoring Sampling	009-DOWNSTREAM-25	11/18/11	Water	Columbia	TSS, Oil & Grease	
Dry Weather Ambient Monitoring Sampling	009-DOWNSTREAM-25	11/18/11	Water	SGS	PCB	11/30/11
Dry Weather Ambient Monitoring Sampling	009-DOWNSTREAM-25	11/7/11	Water	SGS	PCB	11/21/11
Dry Weather Ambient Monitoring Sampling	009-DOWNSTREAM-75	11/18/11	Water	Columbia	TSS, Oil & Grease	
Dry Weather Ambient Monitoring Sampling	009-DOWNSTREAM-75	11/7/11	Water	Columbia	TSS, Oil & Grease	11/17/11
Dry Weather Ambient Monitoring Sampling	009-DOWNSTREAM-75	11/18/11	Water	SGS	PCB	11/30/11
Dry Weather Ambient Monitoring Sampling	009-DOWNSTREAM-75	11/7/11	Water	SGS	PCB	11/21/11
Dry Weather Ambient Monitoring Sampling	009-UPSTREAM-25	11/7/11	Water	Columbia	TSS, Oil & Grease	11/17/11
Dry Weather Ambient Monitoring Sampling	009-UPSTREAM-25	11/18/11	Water	Columbia	TSS, Oil & Grease	
Dry Weather Ambient Monitoring Sampling	009-UPSTREAM-25	11/7/11	Water	SGS	PCB	11/21/11
Dry Weather Ambient Monitoring Sampling	009-UPSTREAM-25	11/18/11	Water	SGS	PCB	11/30/11
Dry Weather Ambient Monitoring Sampling	009-UPSTREAM-50	11/18/11	Water	Columbia	TSS, Oil & Grease	
Dry Weather Ambient Monitoring Sampling	009-UPSTREAM-50	11/7/11	Water	Columbia	TSS, Oil & Grease	11/17/11
Dry Weather Ambient Monitoring Sampling	009-UPSTREAM-50	11/18/11	Water	SGS	PCB	11/30/11
Dry Weather Ambient Monitoring Sampling	009-UPSTREAM-50	11/7/11	Water	SGS	PCB	11/21/11
Dry Weather Ambient Monitoring Sampling	009-UPSTREAM-75	11/18/11	Water	Columbia	TSS, Oil & Grease	
Dry Weather Ambient Monitoring Sampling	009-UPSTREAM-75	11/7/11	Water	Columbia	TSS, Oil & Grease	11/17/11
Dry Weather Ambient Monitoring Sampling	009-UPSTREAM-75	11/7/11	Water	SGS	PCB	11/21/11
Dry Weather Ambient Monitoring Sampling	009-UPSTREAM-75	11/18/11	Water	SGS	PCB	11/30/11
NPDES Related Wet Weather Ambient Monitoring	UNK-Downstream-101911	10/19/11	Water	Columbia	TSS	11/7/11
NPDES Related Wet Weather Ambient Monitoring	UNK-Downstream-101911-25	10/19/11	Water	Columbia	Oil & Grease	11/7/11
NPDES Related Wet Weather Ambient Monitoring	UNK-Downstream-101911-50	10/19/11	Water	Columbia	Oil & Grease	11/7/11
NPDES Related Wet Weather Ambient Monitoring	UNK-Downstream-101911-75	10/19/11	Water	Columbia	Oil & Grease	11/7/11
NPDES Related Wet Weather Ambient Monitoring	UNK-Upstream-101911	10/19/11	Water	Columbia	TSS	11/7/11
NPDES Related Wet Weather Ambient Monitoring	UNK-Upstream-101911-25	10/19/11	Water	Columbia	Oil & Grease	11/7/11
NPDES Related Wet Weather Ambient Monitoring	UNK-Upstream-101911-50	10/19/11	Water	Columbia	Oil & Grease	11/7/11
NPDES Related Wet Weather Ambient Monitoring	UNK-Upstream-101911-75	10/19/11	Water	Columbia	Oil & Grease	11/7/11

TABLE 7-2
DATA RECEIVED DURING NOVEMBER 2011

NPDES RELATED WET WEATHER AMBIENT MONITORING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	UNK-Downstream-101911 10/19/11	UNK-Downstream-101911-25 10/19/11	UNK-Downstream-101911-50 10/19/11	UNK-Downstream-101911-75 10/19/11
Conventional				
Oil & Grease	NA	ND(4.1)	ND(4.1)	ND(4.1)
Total Suspended Solids	7.00	NA	NA	NA

Parameter / Sample ID: / Date Collected:	UNK-Upstream-101911 10/19/11	UNK-Upstream-101911-25 10/19/11	UNK-Upstream-101911-50 10/19/11	UNK-Upstream-101911-75 10/19/11
Conventional				
Oil & Grease	NA	ND(4.0)	ND(4.1)	ND(4.0)
Total Suspended Solids	5.00	NA	NA	NA

Notes:

1. Samples were collected by ARCADIS and submitted to Columbia Analytical Services, Inc. for analysis of total suspended solids and oil & grease.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

TABLE 7-3
PCB DATA RECEIVED DURING NOVEMBER 2011

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

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
C3194	11/1/2011	ND(4.6)	ND(4.6)	ND(4.6)	ND(4.6)	ND(4.6)	ND(4.6)	ND(4.6)	ND(4.6)

Notes:

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

TABLE 7-4
DATA RECEIVED DURING NOVEMBER 2011

DRY WEATHER AMBIENT MONITORING SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	009-DOWNSTREAM-25 11/07/11	009-DOWNSTREAM-25 11/18/11	009-DOWNSTREAM-75 11/07/11	009-DOWNSTREAM-75 11/18/11	009-UPSTREAM-25 11/07/11
PCBs-Unfiltered					
Aroclor-1248	0.000022	ND(0.000015)	0.000027	ND(0.000015)	0.000024
Aroclor-1254	0.000011 J	0.000013 J	0.000043	0.000011 J	0.000011 J
Aroclor-1260	0.0000034 J	0.0000070 J	0.000013 J	0.0000051 J	0.0000030 J
Total PCBs	0.0000364	0.000020 J	0.000083	0.0000161 J	0.000038
Conventionals					
Total Suspended Solids	ND(1.00)	NA	ND(1.00)	NA	ND(1.00)

TABLE 7-4
DATA RECEIVED DURING NOVEMBER 2011

DRY WEATHER AMBIENT MONITORING SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	009-UPSTREAM-25 11/18/11	009-UPSTREAM-50 11/07/11	009-UPSTREAM-50 11/18/11	009-UPSTREAM-75 11/07/11	009-UPSTREAM-75 11/18/11
PCBs-Unfiltered					
Aroclor-1248	ND(0.000016)	0.000028	ND(0.000015)	0.000026	0.000018
Aroclor-1254	0.000010 J	0.000034	0.000011 J	0.000041	0.0000079 J
Aroclor-1260	0.0000038 J	0.000011 J	0.0000040 J	0.000014 J	0.0000051 J
Total PCBs	0.0000138 J	0.000073	0.000015 J	0.000081	0.000031
Conventionals					
Total Suspended Solids	NA	ND(1.00)	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, oil & grease and total suspended solids.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. With the exception of conventionals only those constituents detected in one or more samples are summarized.

Data Qualifiers:

Organics (PCBs)

J - Indicates an estimated value less than the practical quantitation limit (PQL) - SGS Environmental Services, Inc.

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

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

a. Activities Undertaken/Completed

Conducted annual Conditional Solution inspections (November 17, 2011).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Submit report on annual Conditional Solution inspections.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

ITEM 9
LYMAN STREET AREA
(GECD430)
NOVEMBER 2011

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

a. Activities Undertaken/Completed

- Sampled soil pile on Parcel I9-4-19 for TCLP constituents, as indicated in Table 9-1.
- Conducted annual Conditional Solution inspections (November 17, 2011).
- Conducted annual ERE inspection of City-owned property (November 17, 2011).

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Ship soils removed from Parcel I9-4-19 to an off-site disposal facility.
- Submit report on annual Conditional Solution inspections.
- Submit report on annual ERE inspection of City-owned property.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

TABLE 9-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING NOVEMBER 2011

LYMAN STREET AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Parcel I9-4-19 Soil Pile Sampling	Haddad 1	11/21/11	Soil	SGS	TCLP - Excludes Pest, Herb	11/30/11

TABLE 9-2
TCLP DATA RECEIVED DURING NOVEMBER 2011

PARCEL I9-4-19 SOIL PILE SAMPLING
LYMAN STREET AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	Haddad 1 11/21/2011
Volatile Organics		
1,1-Dichloroethene	0.7	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)
1,4-Dichlorobenzene	7.5	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(0.050)
2,4,5-Trichlorophenol	400	ND(0.050)
2,4,6-Trichlorophenol	2	ND(0.050)
2,4-Dinitrotoluene	0.13	ND(0.050)
2-Methylphenol	200	ND(0.050)
3&4-Methylphenol	200	ND(0.050)
Hexachlorobenzene	0.13	ND(0.050)
Hexachlorobutadiene	0.5	ND(0.050)
Hexachloroethane	3	ND(0.050)
Nitrobenzene	2	ND(0.050)
Pentachlorophenol	100	ND(0.050)
Pyridine	5	ND(0.050)
Inorganics		
Arsenic	5	ND(0.100)
Barium	100	0.387 B
Cadmium	1	ND(0.0500)
Chromium	5	ND(0.100)
Lead	5	0.0607 B
Mercury	0.2	ND(0.000300)
Selenium	1	0.0490 B
Silver	5	0.0673 B

Notes:

1. Sample was collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of TCLP constituents.
2. ND - Analyte was not detected. The number in parentheses 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 10
NEWELL STREET AREA I
(GECD440)
NOVEMBER 2011

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

a. Activities Undertaken/Completed

- Conducted annual ERE inspections (November 14, 2011).
- Conducted annual Conditional Solution inspections (November 14, 2011).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Submit report on annual ERE inspections.
- Submit report on annual Conditional Solution inspections.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

ITEM 11
NEWELL STREET AREA II
(GECD450)
NOVEMBER 2011

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

a. Activities Undertaken/Completed

- Conducted annual Conditional Solution inspections (November 14, 2011).
- Conducted annual ERE inspection of City-owned property (November 14, 2011).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Submit report on annual Conditional Solution inspections.
- Submit report on annual ERE inspection of City-owned property.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

ITEM 12
FORMER OXBOW AREAS J & K
(GECD420)
NOVEMBER 2011

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

a. Activities Undertaken/Completed

Conducted annual Conditional Solution inspections (November 16, 2011).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Submit report on annual Conditional Solution inspections.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

ITEM 13
HOUSATONIC RIVER AREA
UPPER ½ MILE REACH
(GECD800)
NOVEMBER 2011

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

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)
NOVEMBER 2011

a. Activities Undertaken/Completed

- On GE's behalf, ARCADIS performed one round of water column monitoring at 10 locations along the Housatonic River between Coltsville and Great Barrington on November 29, 2011. Two of these locations are situated in the 1½ Mile Reach: Lyman Street Bridge (Location 4) and Pomeroy Avenue Bridge (Location 6A). A composite grab sample was collected at each location and submitted to Northeast Analytical for analysis of PCBs (total), TSS, POC, and chlorophyll-a, as identified in Table 14-1. The sample collected at Pomeroy Avenue Bridge was also analyzed for volatile suspended solids (VSS). (The other eight locations are discussed under Items 15 and 20 below.)

- GE conducted annual inspections of non-GE-owned riverbank properties with Conditional Solutions and EREs (November 15, 2011).*

- Conducted repairs of eroded areas, as identified in GE's October 13, 2011 report on the September 13, 2011 post-storm inspection of certain restoration areas/items.*

- Established benchmarks along the retaining walls, as identified in GE's August 31, 2011 report on supplemental inspections of critical ancillary items and certain associated items.*

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue Housatonic River water column monitoring.

- Submit letters to EPA summarizing the results of the November 2011 inspections of non-GE-owned riverbank properties with EREs and Conditional Solutions.*

- Send annual letter to the Pittsfield Conservation Commission providing notice relating to the Registry of Properties along the 1½ Mile Reach.*

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

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

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	11/29/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-4	10/25/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	11/9/11
Monthly Water Column Sampling	Location-6A	10/25/11	Water	NEA	PCB, TSS, VSS, POC, Chlorophyll-A	11/9/11
Monthly Water Column Sampling	Location-6A	11/29/11	Water	NEA	PCB, TSS, VSS, POC, Chlorophyll-A	

TABLE 14-2
SAMPLE DATA RECEIVED DURING NOVEMBER 2011

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

Sample ID	Location	Date Collected	Aroclor-1016, 1232, 1242, -1248, -1254	Aroclor 1221	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)	VSS
LOCATION-4	Lyman Street Bridge	10/25/11	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.17	ND(1.02)	0.000520	NA
LOCATION-6A	Pomeroy Ave. Bridge	10/25/11	ND(0.00000550)	0.00000680 PB	ND(0.00000550)	0.00000680	0.23	ND(1.02)	0.000560	1.02

Notes:

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

Data Qualifiers:

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

ITEM 15
HOUSATONIC RIVER AREA
REST OF THE RIVER
(GECD850)
NOVEMBER 2011

a. Activities Undertaken/Completed

- On GE's behalf, ARCADIS performed one round of water column monitoring at 10 locations along the Housatonic River between Coltsville and Great Barrington, MA on November 29, 2011. Two locations are situated in the 1½ Mile Reach of the Housatonic River and were discussed in Item 14. One location is at the outlet of Silver Lake and is discussed in Item 20 below. Of the remaining seven locations, two are located upstream of the 1½ Mile Reach: Hubbard Avenue Bridge (Location 1) and Newell Street Bridge (Location 2). The five remaining locations are situated in the Rest of the River: Holmes Road Bridge (Location 7); New Lenox Road Bridge (Location 9); Woods Pond Headwaters (Location 10); Schweitzer Bridge (Location 12); and Division Street Bridge (Location 13). Composite grab samples were collected at each location sampled and submitted to Northeast Analytical for analysis of PCBs (total), TSS, POC, and chlorophyll-a, as identified in Table 15-1.

- On GE's behalf, ARCADIS collected adult fish in the Massachusetts portion of the Rest of River on November 9, 2011 for lipid and PCB analyses, as identified in Table 15-1.

- GE removed and containerized sediment from the Rising Pond Dam spillway to facilitate repair work. Two samples of removed material were collected from two roll-offs to characterize the material for disposal (November 28, 2011). Samples were submitted to SGS for analysis of PCBs (total) and TCLP constituents (excluding pesticides and herbicides), as identified in Table 15-1.

- GE initiated repairs at Rising Pond Dam.

b. Sampling/Test Results

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted to EPA and the Connecticut Department of Environmental Protection a report by the Academy of Natural Sciences of Philadelphia (ANSP) on 2010 sampling of fish and benthic insects in the Connecticut portion of the Housatonic River (November 9, 2011).

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

- Continue Housatonic River monthly water column monitoring.

- Continue repair work at Rising Pond Dam.

ITEM 15
(cont'd)
HOUSATONIC RIVER AREA
REST OF THE RIVER
(GECD850)
NOVEMBER 2011

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

- Conduct inspection of Woods Pond Dam by professional engineer.*

- Submit to EPA results of adult fish sampling conducted in the Massachusetts portion of the River in November 2011.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

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

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
2011 Housatonic River Adult Fish Sampling	5A-YP-01	11/9/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5A-YP-02	11/9/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5A-YP-03	11/9/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5A-YP-04	11/9/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5A-YP-05	11/9/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5A-YP-06	11/9/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5A-YP-07	11/9/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5A-YP-08	11/9/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5A-YP-09	11/9/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5A-YP-10	11/9/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5A-YP-11	11/9/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5A-YP-12	11/9/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5A-YP-13	11/9/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5A-YP-14	11/9/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5A-YP-15	11/9/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5C-LMB-01	11/1/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5C-LMB-02	11/1/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5C-LMB-03	11/1/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5C-LMB-04	11/1/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5C-LMB-05	11/1/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5C-LMB-06	11/1/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5C-LMB-07	11/1/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5C-LMB-08	11/1/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5C-LMB-09	11/1/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5C-LMB-10	11/1/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5C-LMB-11	11/1/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5C-LMB-12	11/1/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5C-LMB-13	11/1/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5C-LMB-14	11/1/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	5C-LMB-15	11/9/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	RP-LMB-11	11/8/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	RP-LMB-12	11/8/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	RP-LMB-13	11/8/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	RP-LMB-14	11/8/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	RP-LMB-15	11/8/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	RP-LMB-16	11/8/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	RP-LMB-17	11/8/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	RP-LMB-18	11/8/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	RP-LMB-19	11/8/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	RP-LMB-20	11/8/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	RP-LMB-21	11/8/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	RP-LMB-22	11/8/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	RP-LMB-23	11/8/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	RP-LMB-24	11/8/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
2011 Housatonic River Adult Fish Sampling	RP-LMB-25	11/9/11	Biota	Pace	PCB Congeners (fillet), % Lipid (fillet), PCB Congeners (carcass), % Lipid (carcass)	
Rising Pond Dam Spillway Roll-Off	278000	11/28/11	Soil	SGS	PCB, TCLP - Excludes Pest, Herb	
Rising Pond Dam Spillway Roll-Off	278371	11/28/11	Soil	SGS	PCB, TCLP - Excludes Pest, Herb	
Monthly Water Column Sampling	HR-D1 (Location-12)	10/25/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	11/9/11
Monthly Water Column Sampling	HR-D1 (Location-12)	11/29/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-1	10/25/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	11/9/11
Monthly Water Column Sampling	Location-1	11/29/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	

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

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	Location-10	11/29/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-10	10/25/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	11/9/11
Monthly Water Column Sampling	Location-12	11/29/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-12	10/25/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	11/9/11
Monthly Water Column Sampling	Location-13	11/29/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-13	10/25/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	11/9/11
Monthly Water Column Sampling	Location-2	11/29/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-2	10/25/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	11/9/11
Monthly Water Column Sampling	Location-7	10/25/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	11/9/11
Monthly Water Column Sampling	Location-7	11/29/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-9	11/29/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-9	10/25/11	Water	NEA	PCB, TSS, POC, Chlorophyll-A	11/9/11

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

TABLE 15-2
SAMPLE DATA RECEIVED DURING NOVEMBER 2011

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

Sample ID	Location	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-1	Hubbard Avenue Bridge	10/25/11	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.30	1.54	0.000990
LOCATION-2	Newell Street Bridge	10/25/11	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.14	ND(1.02)	0.000680
LOCATION-7	Holmes Road Bridge	10/25/11	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.25	2.50	0.00380
LOCATION-9	New Lenox Road Bridge	10/25/11	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.33	3.23	0.00350
LOCATION-10	Headwaters of Woods Pond	10/25/11	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.29	4.08	0.00300
LOCATION-12	Schweitzer Bridge	10/25/11 10/25/11	ND(0.0000220) [ND(0.0000220)]	ND(0.0000220) [ND(0.0000220)]	0.0000220 AG [0.0000280 AG]	0.0000220 [0.0000280]	0.32 [0.30]	2.89 [2.35]	0.00360 [0.00350]
LOCATION-13	Division Street Bridge	10/25/11	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.29	2.34	0.00310

Notes:

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

Data Qualifiers:

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

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

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

a. Activities Undertaken/Completed

- Conducted annual Conditional Solution inspection at Parcel I7-1-5 (November 15, 2011).
- Conducted annual ERE inspections at Parcels I8-4-7 and I7-21-101 (November 15, 2011).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Submit report on annual Conditional Solution inspection at Parcel I7-1-5.
- Submit report on annual ERE inspections at Parcels I8-4-7 and I7-21-101.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

ITEM 20
OTHER AREAS
SILVER LAKE AREA
(GECD600)
NOVEMBER 2011

a. Activities Undertaken/Completed

- On GE's behalf, ARCADIS performed one round of water column monitoring at the Silver Lake Outfall on November 29, 2011, as noted in Table 20-1, and also obtained a gauge reading (see Item 21.a).

- GE selected a Remediation Contractor for the Silver Lake Area Removal Action (November 23, 2011).*

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Coordinate with EPA to collect waste characterization sample(s) from soils at Parcel I9-9-19 for TCLP analysis, if access permission is obtained.*

- Submit Supplemental Information Package for Silver Lake Area (due December 30, 2011).*

- Continue efforts, as necessary, to obtain access permission for performance of forthcoming remediation activities.*

- Continue communications with EPA and other parties, as necessary, regarding a CD Modification to address the plantings to be installed on the northern bank of Silver Lake.*

- Initiate preparation of draft EREs for Silver Lake bank properties owned by GE and Western Massachusetts Electric Company (WMECo).*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

PEDA is working with EPA and MDEP regarding the transfer of Silver Lake bank property owned by WMECo to PEDA.

f. Proposed/Approved Work Plan Modifications

None

TABLE 20-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING NOVEMBER 2011

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	10/25/11	Water	NEA	PCB, TSS	11/9/11
Monthly Water Column Sampling	Location-4A	11/29/11	Water	NEA	PCB, TSS	

TABLE 20-2
SAMPLE DATA RECEIVED DURING NOVEMBER 2011

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

Sample ID	Location	Date Collected	Aroclor-1016, -1232, -1248, -1254	Aroclor 1221	Aroclor 1242	Aroclor 1260	Total PCBs	TSS
LOCATION-4A	Silver Lake Outlet	10/25/2011	ND(0.0000220)	0.000140 PB	0.0000410 AD	ND(0.0000220)	0.000181	2.66

Notes:

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

Data Qualifiers:

AD - Aroclor 1242 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.

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

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

a. Activities Undertaken/Completed

General:

- Conducted routine groundwater elevation monitoring and non-aqueous-phase-liquid (NAPL) monitoring/recovery activities.

- Performed waste characterization sampling of purge water from selected monitoring wells, as indicated in Table 21-1.

- Completed fall 2011 semi-annual groundwater sampling event, as indicated in Table 21-1.

- Continued well maintenance activities identified during the fall 2011 semi-annual groundwater/NAPL monitoring event, as described below. (Certain activities conducted in late October 2011 that were not itemized in the previous monthly report are also included in the maintenance summaries provided below for each area.)

East Street Area 1-North and South:

- Continued automated groundwater and NAPL pumping at North Side and South Side Caissons. No LNAPL was removed from either the North Side Caisson or the South Side Caisson in November.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 1.01 liters (0.266 gallon) of LNAPL were removed from this area during November.

- Conducted maintenance activities at the following wells: 118 (removed sediment), ES1-8 (removed sediment from base of well and installed slip cap on inner casing), and ESA1S-75 (installed new lock).

East Street Area 2-South:

- Continued automated groundwater and LNAPL removal activities. A total of approximately 6,643,798 gallons of groundwater was recovered from pumping systems 64R, 64S, 64V, 64X, RW-1(S), RW-1(X), RW-2(X), and RW-4 during November. In addition, approximately 933 gallons of LNAPL were removed from pumping systems 64R, 64V, RW-1(S), RW-4, 64X, and 64S Caisson during November.

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

a. <u>Activities Undertaken/Completed</u> (cont'd)

<u>East Street Area 2-South</u>: (cont'd)

- Continued automated DNAPL removal activities. Approximately 23 gallons of DNAPL were removed from pumping system RW-3(X) during November.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 36.454 liters (9.618 gallons) of LNAPL were removed from wells in this area during November. Approximately 4.158 liters (1.097 gallons) of DNAPL were removed from wells in this area during November.

- Treated/discharged approximately 6,904,382 gallons of water through Building 64G Groundwater Treatment Facility.

- Conducted maintenance activities at the following wells: 13 (replaced curb box cover), 32 (replaced missing bolt), 35 (installed additional standpipe), 36 (replaced curb box), 37 (installed additional standpipe), 51 (installed additional standpipe), 52 (installed additional standpipe), ESA2S-PZ-1 (replaced lid gasket, removed sediment from within curb box), ESA2S-PZ-2 (replaced lid gasket), ESA2S-PZ-3 (added lid to protective casing), 3-6C-EB-14R (installed new lock), 3-6C-EB-22 (installed new lock), ES2-15R (installed new bolt and repaired lock), GMA1-15 (replaced lid), GMA1-22 (installed new J-plug well cap), GMA1-24 (installed new lock), HR-G2-MW-2 (installed new lock), HR-G3-MW-1 (shortened inner casing and installed new J-plug well cap), HR-G3-RW-1 (replaced bolts), HR-J1-MW-2 (installed new lock), and PZ-1S (installed additional standpipe).

<u>East Street Area 2-North:</u>

- Continued well monitoring and manual NAPL removal activities. No LNAPL was removed from wells in this area during November. No DNAPL was removed from wells in this area during November.

- Conducted maintenance activities at the following wells: 5-N (installed new curb box), 14-N (installed new curb box), 16-N (installed new curb box), 17A (installed new washers), 17-N (installed new curb box), 19-N (installed new J-plug well cap and lock), and 20-N (installed new J-plug well cap).

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

a. Activities Undertaken/Completed (cont'd)

20s, 30s, and 40s Complexes:

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

- Conducted maintenance activities at the following wells: GG (installed new J-plug well cap and lock), II (removed sediment from base of well), and Y (installed new J-plug well cap).

Lyman Street Area:

- Continued automated groundwater and NAPL removal activities. Approximately 195,850 gallons of groundwater were recovered from pumping systems RW-1R, RW-2, and RW-3 during November. Approximately 15 gallons of LNAPL were removed from the automated recovery systems during November.

- Continued routine well monitoring and manual NAPL removal activities. No LNAPL was removed from wells in this area during November. Approximately 0.701 liter (0.185 gallon) of DNAPL was removed from wells in this area during November.

- Conducted maintenance activities at the following wells: E-04 (confirmed that bolts and lid seal have been previously repaired) and LS-34 (installed new lock).

Newell Street Area II:

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

- Continued routine well monitoring and manual NAPL removal activities. No LNAPL was removed from this area during November. Approximately 0.181 liters (0685 gallons) of DNAPL were recovered from wells in this area during November.

- Conducted maintenance activities at the following wells: N2SC-01I (replaced bolts and installed new lock), N2SC-02 (replaced bolts and installed new lock), N2SC-03I (replaced bolts and removed sediment from manhole), N2SC-07 (replaced bolts and installed new J-plug well cap), N2SC-07S (replaced bolts), N2SC-08 (replaced bolts and removed sediment from manhole), N2SC-09S (replaced bolts and shortened inner casing), N2SC-13I (replaced bolts and installed new lock), N2SC-16 (installed new lock and removed sediment from manhole), NS-10 (replaced bolts, installed new J-plug well cap, lid gasket, and lock), and NS-30 (installed new lock).

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

a. Activities Undertaken/Completed (cont'd)

Newell Street Area I:

- Added additional standpipe to well FW-16R.

Silver Lake Area:

- Continued routine monitoring of lake level.

b. Sampling/Test Results Received

- See attached tables.

- Preliminary analytical results received in November 2011 from the fall 2011 GMA 1 interim groundwater quality monitoring event are shown in Table 21-2. These preliminary results have been compared to the Method 1 GW-2 and GW-3 groundwater standards and Upper Concentration Limits (UCLs) for groundwater set forth in the Massachusetts Contingency Plan (MCP). (Note that under this monitoring program, samples collected for analysis of PCBs, metals, and physiologically available cyanide 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 November 2011.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine groundwater and NAPL monitoring/recovery activities.

- Prepare and submit Revised LNAPL Volatilization Assessment Work Plan for East Street Area 1 (due to EPA on January 6, 2012).

- Initiate preparation of Fall 2011 Groundwater Quality Monitoring Interim Report.

- Continue well maintenance and/or survey activities identified during or since the fall 2011 monitoring event.

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

- GE received EPA's conditional approval of GE's March 11, 2011 Fall 2010 NAPL Monitoring Report (November 7, 2011).

- GE received EPA's conditional approval of GE's July 29, 2011 Spring 2011 Groundwater Quality Monitoring Interim Report (November 21, 2011).

- GE received EPA's conditional approval of GE's August 30, 2011 Spring 2011 NAPL Monitoring Report (November 21, 2011).

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

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
Semi-Annual Groundwater Sampling	ES1-13R	10/11/11	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	11/7/11
Semi-Annual Groundwater Sampling	GMA1-29	11/9/11	Groundwater	SGS	PCB (f), VOC - Expanded	11/21/11
Semi-Annual Groundwater Sampling	GMA1-6	10/11/11	Groundwater	SGS	PCB (f), VOC - Expanded	11/7/11
Semi-Annual Groundwater Sampling	GMA1DUP101111 (ES1-13R)	10/11/11	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	11/7/11
Semi-Annual Groundwater Sampling	GMA1DUP2102411 (RF-03S)	10/24/11	Groundwater	SGS	VOC - Expanded	11/3/11
Semi-Annual Groundwater Sampling	RF-02	10/26/11	Groundwater	SGS	PCB (f), VOC - Expanded	11/7/11
Semi-Annual Groundwater Sampling	RF-03D	10/25/11	Groundwater	SGS	PCB (f), VOC	11/3/11
Semi-Annual Groundwater Sampling	RF-03S	10/24/11	Groundwater	SGS	PCB (f), VOC - Expanded	11/3/11
Well Purge Water from GMA1-30	B2491	11/16/11	Groundwater	SGS	PCB, VOC, SVOC, Metals	11/30/2011
Well Purge Water from GMA1-31	B0575	11/1/11	Groundwater	SGS	PCB, VOC, SVOC, Metals	11/18/11
Well Purge Water from ESA-1N	B2495	11/1/11	Groundwater	SGS	PCB, VOC, SVOC, Metals	11/18/11

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

TABLE 21-2
DATA RECEIVED DURING NOVEMBER 2011

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:	ES1-13R 10/11/11	GMA1-6 10/11/11	GMA1-29 11/09/11
Volatile Organics			
1,1-Dichloroethane	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Acetone	0.0010 J [ND(0.025)]	ND(0.025)	ND(0.025)
Bromodichloromethane	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Chlorobenzene	0.00017 J [0.00016 J]	ND(0.0010)	ND(0.0010)
Chloroform	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Tetrachloroethene	ND(0.0010) [ND(0.0010)]	ND(0.0010)	0.00050 J
Trichloroethene	ND(0.0010) [ND(0.0010)]	ND(0.0010)	0.00014 J
Trichlorofluoromethane	ND(0.0010) [ND(0.0010)]	ND(0.0010)	0.0052
Vinyl Chloride	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Total VOCs	0.0012 J [0.00016 J]	ND(0.10)	0.0058 J
PCBs-Filtered			
Aroclor-1254	ND(0.000062) [ND(0.000062)]	ND(0.000065)	0.0026
Total PCBs	ND(0.000062) [ND(0.000062)]	ND(0.000065)	0.0026
Semivolatile Organics			
1,4-Dichlorobenzene	0.0023 J [0.0024 J]	0.00039 J	ND(0.0010)
Furans			
2,3,7,8-TCDF	ND(0.0000000012) [ND(0.00000000077)]	NA	NA
TCDFs (total)	ND(0.0000000012) [ND(0.00000000077)]	NA	NA
1,2,3,7,8-PeCDF	ND(0.00000000079) [ND(0.00000000066)]	NA	NA
2,3,4,7,8-PeCDF	ND(0.00000000076) [ND(0.00000000064)]	NA	NA
PeCDFs (total)	ND(0.00000000079) [ND(0.00000000066)]	NA	NA
1,2,3,4,7,8-HxCDF	ND(0.00000000054) [ND(0.00000000049)]	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.00000000052) [ND(0.00000000047)]	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.00000000062) [ND(0.00000000057)]	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.00000000055) [ND(0.00000000050)]	NA	NA
HxCDFs (total)	ND(0.00000000062) [ND(0.00000000057)]	NA	NA
1,2,3,4,6,7,8-HpCDF	ND(0.00000000059) [ND(0.00000000064)]	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000000075) [ND(0.00000000082)]	NA	NA
HpCDFs (total)	ND(0.00000000075) [ND(0.00000000082)]	NA	NA
OCDF	ND(0.0000000016) [ND(0.0000000016)]	NA	NA
Dioxins			
2,3,7,8-TCDD	ND(0.00000000081) [ND(0.00000000066)]	NA	NA
TCDDs (total)	ND(0.00000000081) [ND(0.00000000066)]	NA	NA
1,2,3,7,8-PeCDD	ND(0.0000000011) [ND(0.00000000061)]	NA	NA
PeCDDs (total)	ND(0.0000000011) [ND(0.00000000061)]	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.00000000082) [ND(0.00000000097)]	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.00000000087) [ND(0.0000000010)]	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.00000000087) [ND(0.0000000010)]	NA	NA
HxCDDs (total)	ND(0.00000000087) [ND(0.0000000010)]	NA	NA
1,2,3,4,6,7,8-HpCDD	ND(0.00000000091) [ND(0.0000000021)]	NA	NA
HpCDDs (total)	ND(0.00000000091) [ND(0.0000000021)]	NA	NA
OCDD	ND(0.0000000019) [ND(0.0000000017)]	NA	NA
Total TEQs (WHO TEFs)	0.0000000015 [0.0000000011]	NA	NA
Inorganics-Unfiltered			
Sulfide	ND(1.00) [ND(1.00)]	NA	NA
Inorganics-Filtered			
Barium	0.100 [0.100]	NA	NA
Chromium	0.00767 B [0.00885 B]	NA	NA
Cobalt	ND(0.0100) [0.00390 B]	NA	NA
Copper	0.00991 B [0.00911 B]	NA	NA
Nickel	0.00672 B [ND(0.0100)]	NA	NA
Selenium	0.00344 B [0.00617 B]	NA	NA
Thallium	0.00995 B [0.00918 B]	NA	NA
Tin	0.0258 B [ND(0.100)]	NA	NA
Zinc	0.0164 B [0.109]	NA	NA

TABLE 21-2
DATA RECEIVED DURING NOVEMBER 2011

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-02 10/26/11	RF-03D 10/25/11	RF-03S 10/24/11
Volatile Organics			
1,1-Dichloroethane	ND(0.0010)	ND(0.0010)	0.00030 J [0.00030 J]
Acetone	0.0012 J	0.0010 J	0.0017 J [0.0017 J]
Bromodichloromethane	ND(0.0010)	0.00062 J	ND(0.0010) [ND(0.0010)]
Chlorobenzene	ND(0.0010)	ND(0.0010)	0.00015 J [0.00013 J]
Chloroform	ND(0.0010)	0.0029	ND(0.0010) [ND(0.0010)]
Tetrachloroethene	ND(0.0010)	0.0013	ND(0.0010) [ND(0.0010)]
Trichloroethene	0.00059 J	0.0015	ND(0.0010) [ND(0.0010)]
Trichlorofluoromethane	ND(0.0010)	0.00036 J	ND(0.0010) [ND(0.0010)]
Vinyl Chloride	ND(0.0010)	ND(0.0010)	0.00038 J [0.00040 J]
Total VOCs	0.0018 J	0.0077 J	0.0025 J [0.0025 J]
PCBs-Filtered			
Aroclor-1254	0.000053 J	0.000050 J	0.00037
Total PCBs	0.000053 J	0.000050 J	0.00037
Semivolatile Organics			
1,4-Dichlorobenzene	ND(0.0010)	NA	0.00014 J [0.00016 J]
Furans			
2,3,7,8-TCDF	NA	NA	NA
TCDFs (total)	NA	NA	NA
1,2,3,7,8-PeCDF	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA
PeCDFs (total)	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA
HxCDFs (total)	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA
HpCDFs (total)	NA	NA	NA
OCDF	NA	NA	NA
Dioxins			
2,3,7,8-TCDD	NA	NA	NA
TCDDs (total)	NA	NA	NA
1,2,3,7,8-PeCDD	NA	NA	NA
PeCDDs (total)	NA	NA	NA
1,2,3,4,7,8-HxCDD	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA
HxCDDs (total)	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	NA
HpCDDs (total)	NA	NA	NA
OCDD	NA	NA	NA
Total TEQs (WHO TEFs)	NA	NA	NA
Inorganics-Unfiltered			
Sulfide	NA	NA	NA
Inorganics-Filtered			
Barium	NA	NA	NA
Chromium	NA	NA	NA
Cobalt	NA	NA	NA
Copper	NA	NA	NA
Nickel	NA	NA	NA
Selenium	NA	NA	NA
Thallium	NA	NA	NA
Tin	NA	NA	NA
Zinc	NA	NA	NA

TABLE 21-2
DATA RECEIVED DURING NOVEMBER 2011

SEMI-ANNUAL GROUNDWATER SAMPLING
GROUNDWATER MANAGEMENT AREA 1
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. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. 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.
5. With the exception of dioxin/furans and sulfide only those constituents detected in one or more samples are summarized.
6. Sulfide is the only inorganic constituent which was submitted for analysis using an unfiltered sample.
7. Field duplicate sample results are presented in brackets.

Data Qualifiers:

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

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 21-3
DATA RECEIVED DURING NOVEMBER 2011

WELLS PURGE WATER FROM GMA1-30, GMA1-31 AND ESA-1N
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	B0575 11/01/11	B2491 11/16/11	B2495 11/01/11
Volatile Organics			
1,1,1-Trichloroethane	ND(0.0010)	0.00016 J	ND(0.020)
1,1-Dichloroethane	0.00048 J	0.0021	ND(0.020)
1,2-Dichlorobenzene	ND(0.0010)	0.011	ND(0.020)
1,3-Dichlorobenzene	ND(0.0010)	0.022	0.0058 J
1,4-Dichlorobenzene	ND(0.0010)	0.057	0.15
Acetone	0.00094 J	0.0050 J	ND(0.50)
Benzene	ND(0.0010)	0.00079 J	0.0024 J
Bromoform	0.00089 J	0.0013	ND(0.020)
Chlorobenzene	ND(0.0010)	0.0011	0.039
Chloroethane	ND(0.0010)	0.011	ND(0.020)
Chloroform	ND(0.0010)	ND(0.0010)	0.053
Chloromethane	ND(0.0010)	0.0012	ND(0.020)
Dibromochloromethane	0.0014	0.0011	ND(0.020)
Ethylbenzene	ND(0.0010)	0.0036	0.0018 J
Methylene Chloride	ND(0.0050)	ND(0.0050)	0.0070 J
Tetrachloroethene	ND(0.0010)	0.0017	0.016 J
Toluene	ND(0.0010)	0.0011	0.0074 J
trans-1,2-Dichloroethene	ND(0.0010)	0.00057 J	ND(0.020)
Trichloroethene	ND(0.0010)	0.028	0.38
Vinyl Chloride	ND(0.0010)	0.0016	ND(0.020)
Xylenes (total)	ND(0.0020)	0.014	0.0064 J
PCBs-Unfiltered			
Aroclor-1254	0.0000077 J	1.2	0.39
Aroclor-1260	0.00014	ND(0.065)	ND(0.033)
Total PCBs	0.000148	1.2	0.39
Semivolatile Organics			
1,2,4-Trichlorobenzene	ND(0.0052)	0.22	0.43
1,2-Dichlorobenzene	ND(0.0052)	0.010 J	0.019 J
1,3-Dichlorobenzene	ND(0.0052)	0.023 J	ND(0.026)
1,4-Dichlorobenzene	ND(0.0052)	0.050	0.16
2,4-Dichlorophenol	ND(0.0052)	0.016 J	ND(0.026)
Benzidine	ND(0.011)	0.0079 J	ND(0.051)
bis(2-Ethylhexyl)phthalate	0.0047 J	ND(0.025)	ND(0.026)
Inorganics-Unfiltered			
Arsenic	0.00624 B	0.0233	ND(0.0100)
Barium	0.683	0.201	0.0942 B
Cadmium	0.00760	0.00627	0.00413 B
Chromium	0.0208	0.0376	0.0119
Lead	0.121	0.0803	0.118
Mercury	ND(0.000150)	0.0000852 B	ND(0.000150)
Selenium	0.00952 B	0.00329 B	ND(0.0200)
Silver	0.00318 B	0.00512 B	0.00485 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. Only those constituents detected in one or more samples are summarized.

Data Qualifiers:

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

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

TABLE 21-4
MEASUREMENT AND REMOVAL OF RECOVERABLE LNAPL
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	November 2011 Removal (liters)
GMA 1 - East Street Area 1 - South						
72	11/28/2011	6.32	6.31	0.01	0.006	**0.006**
GMA 1 - East Street Area 1 - North						
ESA1N-25	11/28/2011	6.56	6.55	0.01	0.006	**0.006**
105	11/28/2011	7.01	6.90	0.11	0.067	**0.067**
106	11/28/2011	8.89	7.38	1.51	0.931	**0.931**

Total Manual LNAPL Removal for November 2011: 1.010 liters
0.266 gallons

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

TABLE 21-5
AUTOMATED LNAPL & GROUNDWATER RECOVERY SYSTEMS MONTHLY SUMMARY
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Caisson	Month	Vol. LNAPL Collected (gallon)	Vol. Water Recovered (gallon)	Percent Downtime
Northside	November 2010	0.0	5,150	
	December 2010	0.0	9,750	
	January 2011	0.0	19,050	
	February 2011	0.0	16,200	
	March 2011	0.0	67,750	5.71
	April 2011	0.0	25,050	
	May 2011	0.0	28,750	
	June 2011	0.0	26,750	
	July 2011	0.0	21,550	
	August 2011	0.0	18,950	2.87
	September 2011	0.0	59,700	
	October 2011	0.0	30,300	
	November 2011	0.0	19,750	
Southside	November 2010	2.5	84,230	
	December 2010	0.0	103,880	
	January 2011	0.0	72,170	
	February 2011	0.0	63,652	
	March 2011	0.0	116,748	
	April 2011	0.0	89,650	
	May 2011	0.0	97,810	
	June 2011	0.0	105,830	
	July 2011	0.0	95,880	
	August 2011	0.0	97,910	2.87
	September 2011	0.0	156,670	
	October 2011	0.0	123,150	
	November 2011	0.0	112,965	

Note:
1. Southside Caisson flow meter replaced November 2011.

TABLE 21-6
ROUTINE WELL MONITORING
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA 1 - East Street Area 1 - North									
ESA1N-25	1,000.70	11/28/2011	6.56	6.55	0.01	---	17.20	0.00	994.15
105	1,002.85	11/28/2011	7.01	6.90	0.11	---	17.38	0.00	995.94
106	1,004.06	11/28/2011	8.89	7.38	1.51	---	17.59	0.00	996.57
118	1,001.50	11/1/2011	3.76	---	0.00	---	8.24	0.00	997.74
118	1,001.50	11/9/2011	3.80	---	0.00	---	8.23	0.00	997.70
118	1,001.50	11/15/2011	4.00	---	0.00	---	8.24	0.00	997.50
118	1,001.50	11/22/2011	4.20	---	0.00	---	8.24	0.00	997.30
118	1,001.50	11/28/2011	3.75	---	0.00	---	8.23	0.00	997.75
North Caisson	997.84	11/3/2011	17.96	17.92	0.04	---	19.80	0.00	979.92
North Caisson	997.84	11/10/2011	18.33	18.29	0.04	---	19.80	0.00	979.55
North Caisson	997.84	11/17/2011	18.36	18.32	0.04	---	19.80	0.00	979.52
North Caisson	997.84	11/23/2011	17.94	17.92	0.02	---	19.80	0.00	979.92
GMA 1 - East Street Area 1 - South									
ESA1S-31R	1,000.23	11/28/2011	8.38	---	0.00	---	14.91	0.00	991.85
ESA1S-33	999.50	11/28/2011	4.20	---	0.00	---	21.05	0.00	995.30
ESA1S-34	999.90	11/28/2011	5.77	---	0.00	---	21.76	0.00	994.13
72	1,000.59	11/28/2011	6.32	6.31	0.01	---	22.43	0.00	994.28
72R	1,000.75	11/28/2011	5.88	---	0.00	---	13.05	0.00	994.87
75	1,000.65	11/28/2011	6.22	---	0.00	---	22.60	0.00	994.43
76	1,000.45	11/28/2011	6.71	6.60	0.11	---	22.81	0.00	993.84
South Caisson	1,001.11	11/3/2011	13.61	13.58	0.03	---	15.00	0.00	987.53
South Caisson	1,001.11	11/10/2011	13.86	13.82	0.04	---	15.00	0.00	987.29
South Caisson	1,001.11	11/17/2011	13.67	13.63	0.04	---	15.00	0.00	987.48
South Caisson	1,001.11	11/23/2011	13.71	13.67	0.04	---	15.00	0.00	987.44

Notes:

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

TABLE 21-7
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
November 2011

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
17W	November 2010	1		
	December 2010	1		
	January 2011	1		
	February 2011	1		
	March 2011	1		
	April 2011	0		
	May 2011	0		
	June 2011	1		
	July 2011	1		
	August 2011	1		
	September 2011	1		
	October 2011	0		
	November 2011	0		
64R	November 2010	0	756	
	December 2010	0	58,709	
	January 2011	0	13,863	
	February 2011	0	165	
	March 2011	0	409,404	
	April 2011	0	396,903	
	May 2011	75	883,487	
	June 2011	100	972,532	
	July 2011	75	866,512	
	August 2011	25	228,106	2.87
	September 2011	113	1,522,240	
	October 2011	213	1,123,931	
	November 2011	150	1,218,703	
64S System	November 2010	0	53,364	
	December 2010	50	370,789	
	January 2011	0	379,311	
	February 2011	13	207,582	
	March 2011	625	1,231,933	
	April 2011	488	1,005,678	
	May 2011	463	1,431,499	
	June 2011	338	1,010,762	
	July 2011	445	808,035	
	August 2011	175	579,558	2.87
	September 2011	514	1,950,627	
	October 2011	1000	1,477,657	
	November 2011	438	953,856	
64V	November 2010	660	698,300	
	December 2010	693	946,200	
	January 2011	398	754,100	
	February 2011	191	673,700	
	March 2011	376	1,172,300	
	April 2011	303	984,300	
	May 2011	196	903,200	3.3
	June 2011	166	1,070,100	
	July 2011	158	863,678	
	August 2011	113	764,722	2.87
	September 2011	515	1,443,100	
	October 2011	461	1,107,200	
	November 2011	270	942,400	

TABLE 21-7
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
November 2011

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64X	November 2010	12	403,200	
	December 2010	11	504,000	
	January 2011	77	417,600	
	February 2011	223	403,200	
	March 2011	65	504,000	
	April 2011	11	388,800	
	May 2011	2	417,600	
	June 2011	46	489,600	
	July 2011	16	403,200	
	August 2011	55	417,600	2.87
	September 2011	163	504,000	
	October 2011	11	403,200	
	November 2011	18	388,800	
RW-2(X)	November 2010	0	597,254	
	December 2010	0	728,508	
	January 2011	0	613,128	
	February 2011	0	585,514	
	March 2011	0	814,728	
	April 2011	0	1,070,028	
	May 2011	24	1,390,746	
	June 2011	0	1,389,360	
	July 2011	0	1,072,814	
	August 2011	0	1,057,046	2.87
	September 2011	0	1,010,939	
	October 2011	0	1,206,472	
	November 2011	0	1,196,789	
RW-1(S) [1]	November 2010	78	395,276	
	December 2010	72	565,709	
	January 2011	41	393,662	
	February 2011	39	325,872	
	March 2011	75	772,552	
	April 2011	30	673,970	
	May 2011	41	706,200	
	June 2011	66	644,586	
	July 2011	53	506,364	
	August 2011	45	468,163	2.87
	September 2011	53	1,056,674	
	October 2011	51	811,363	
	November 2011	53	553,713	
RW-1(X)	November 2010	4	235,547	
	December 2010	5	298,760	
	January 2011	0	202,061	13.79
	February 2011	0	236,214	
	March 2011	0	349,375	
	April 2011	6	271,872	
	May 2011	0	355,090	
	June 2011	0	365,705	
	July 2011	0	348,337	
	August 2011	0	354,413	2.87
	September 2011	11	404,813	
	October 2011	0	383,668	
	November 2011	0	368,959	

TABLE 21-7
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
November 2011

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
RW-4	November 2010	31.2	1,097,835	
	December 2010	24.9	1,371,656	
	January 2011	20.9	1,134,138	
	February 2011	22.9	1,075,578	
	March 2011	79	1,372,145	
	April 2011	15	1,064,090	
	May 2011	13	1,114,937	
	June 2011	10	1,248,651	
	July 2011	6	1,075,824	
	August 2011	15	1,041,621	2.87
	September 2011	33	1,321,988	
	October 2011	10	1,075,148	
	November 2011	4	1,020,578	
RW-3(X)	November 2010	16		
	December 2010	17		
	January 2011	30		
	February 2011	25		
	March 2011	46		
	April 2011	20		
	May 2011	37		
	June 2011	19		
	July 2011	18		
	August 2011	0		2.87
	September 2011	4		
	October 2011	20		
	November 2011	23		

Summary of Total Automated Removal		
Water:	**6,643,798**	**Gallons**
LNAPL:	**933**	**Gallons**
DNAPL:	**23**	**Gallons**

Notes:

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

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

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	November 2011 Removal (liters)
East Street Area 2 - South						
13	11/14/2011	16.98	16.86	0.12	0.074	**0.074**
14	11/14/2011	17.58	17.55	0.03	0.019	**0.019**
25R	11/1/2011	19.20	17.61	1.59	0.981	**5.271**
	11/7/2011	19.73	17.86	1.87	1.154	
	11/14/2011	19.54	18.15	1.39	0.858	
	11/15/2011	19.54	18.15	1.39	0.858	
	11/22/2011	20.03	18.56	1.47	0.908	
	11/28/2011	19.47	18.64	0.83	0.512	
29	11/1/2011	16.51	16.50	0.01	0.062	**0.080**
	11/7/2011	16.77	16.76	0.01	0.006	
	11/14/2011	16.95	16.94	0.01	0.006	
	11/15/2011	16.95	16.94	0.01	0.006	
48	11/14/2011	16.01	14.65	1.36	0.839	**0.839**
55	11/14/2011	12.25	12.15	0.10	0.062	**0.062**
95-04RR	11/14/2011	14.06	12.63	0.92	3.534	**3.534**
ES2-15R	11/1/2011	15.47	11.15	4.32	2.665	**13.183**
	11/7/2011	15.10	11.22	3.88	2.394	
	11/14/2011	14.90	11.45	3.45	2.128	
	11/15/2011	14.90	11.45	3.45	2.128	
	11/22/2011	14.85	11.75	3.10	1.913	
	11/28/2011	14.70	11.53	3.17	1.955	
GMA1-14	11/1/2011	16.31	16.30	0.01	0.006	**0.018**
	11/14/2011	18.81	18.80	0.01	0.006	
	11/15/2011	18.81	18.80	0.01	0.006	
GMA1-15	11/1/2011	15.25	14.65	0.60	0.370	**2.164**
	11/7/2011	15.50	14.60	0.90	0.555	
	11/14/2011	15.20	14.79	0.41	0.253	
	11/15/2011	15.20	14.79	0.41	0.253	
	11/22/2011	15.83	15.28	0.55	0.339	
	11/28/2011	15.44	14.80	0.64	0.394	
GMA1-16	11/14/2011	11.58	11.56	0.02	0.012	**0.012**
GMA1-19	11/1/2011	10.76	10.55	0.21	0.130	**1.173**
	11/7/2011	10.93	10.54	0.39	0.241	
	11/14/2011	11.09	10.73	0.36	0.222	
	11/15/2011	11.09	10.73	0.36	0.222	
	11/22/2011	11.24	11.03	0.21	0.130	
	11/28/2011	11.09	10.72	0.37	0.228	
ESA2S-PZ-1	11/1/2011	12.65	11.47	1.18	0.728	**5.441**
	11/7/2011	12.55	11.33	1.22	0.753	
	11/14/2011	13.10	11.50	1.60	0.987	
	11/15/2011	13.10	11.50	1.60	0.987	
	11/22/2011	13.40	11.76	1.64	1.012	
	11/28/2011	13.07	11.49	1.58	0.974	
ESA2S-PZ-2	11/1/2011	11.05	10.78	0.27	0.167	**1.549**
	11/7/2011	11.40	10.70	0.70	0.432	
	11/14/2011	11.24	10.96	0.28	0.179	
	11/15/2011	11.24	10.96	0.28	0.179	
	11/22/2011	11.53	11.22	0.31	0.191	
	11/28/2011	11.61	10.96	0.65	0.401	

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

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	November 2011 Removal (liters)
ESA2S-PZ-6	11/1/2011	12.92	12.70	0.22	0.136	**1.881**
	11/7/2011	13.10	12.70	0.40	0.247	
	11/14/2011	13.33	12.90	0.43	0.265	
	11/15/2011	13.33	12.90	0.43	0.265	
	11/22/2011	13.95	13.13	0.82	0.506	
	11/28/2011	13.59	12.84	0.75	0.462	
ESA2S-PZ-7	11/1/2011	12.88	12.55	0.33	0.204	**1.154**
	11/7/2011	12.78	12.53	0.25	0.154	
	11/14/2011	13.05	12.70	0.35	0.216	
	11/15/2011	13.05	12.70	0.35	0.216	
	11/22/2011	13.20	12.93	0.27	0.167	
	11/28/2011	13.03	12.71	0.32	0.197	

Total LNAPL Removal East Street Area 2 - South for November 2011: 36.454 liters
9.618 gallons

Total LNAPL Removal for November 2011: 36.454 liters
9.618 gallons

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

TABLE 21-9
WELL MONITORING AND RECOVERY OF DNAPL
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	November 2011 Removal (liters)
East Street Area 2 - South						
E2SC-03I*	11/15/2011	9.07	38.50	6.74	4.158	**4.158**

Total DNAPL Removal East Street Area 2 - South for November 2011: 4.158 liters
1.097 gallons

Total DNAPL Removal for November 2011: 4.158 liters
1.097 gallons

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

TABLE 21-10
64G TREATMENT PLANT DISCHARGE DATA
GROUNDWATER MANAGEMENT AREA 1

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

Date	Housatonic River Discharge (gallons)	Recharge Pond Discharge (gallons)	Total Discharge (gallons)
November 2010	3,589,280	193,924	3,783,204
December 2010	4,148,310	137,854	4,286,164
January 2011	3,891,960	157,751	4,049,711
February 2011	3,285,680	141,166	3,426,846
March 2011	6,220,850	66,247	6,287,097
April 2011	6,817,250	122,552	6,939,802
May 2011	7,231,400	191,546	7,422,946
June 2011	6,220,140	216,594	6,436,734
July 2011	6,483,000	227,049	6,710,049
August 2011	5,983,471	171,078	6,154,549
September 2011	9,239,560	79,192	9,318,752
October 2011	9,712,810	110,631	9,823,441
November 2011	6,753,410	150,972	6,904,382

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

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

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
30's Complex									
GMA1-29	989.72	11/9/2011	15.39	---	0.00	---	23.06	0.00	974.33
GMA1-29	989.72	11/29/2011	15.50	---	0.00	---	23.04	0.00	974.22
RF-02	983.29	11/29/2011	6.25	---	0.00	---	19.15	0.00	977.04
RF-03S	984.53	11/29/2011	8.32	---	0.00	---	14.92	0.00	976.21
RF-16R	986.37	11/29/2011	9.85	---	0.00	---	16.20	0.00	976.52
East Street Area 2 - North									
20-N	1,010.66	11/1/2011	25.98	---	0.00	---	37.85	0.00	984.68
20-N	1,010.66	11/9/2011	26.20	---	0.00	---	37.86	0.00	984.46
20-N	1,010.66	11/15/2011	26.55	---	0.00	---	37.85	0.00	984.11
20-N	1,010.66	11/22/2011	27.01	---	0.00	---	37.85	0.00	983.65
20-N	1,010.66	11/28/2011	26.97	---	0.00	---	37.85	0.00	983.69
East Street Area 2 - South									
13	990.88	11/14/2011	16.98	16.86	0.12	---	23.08	0.00	974.01
14	991.61	11/14/2011	17.58	17.55	0.03	---	26.91	0.00	974.06
18R	985.27	11/1/2011	12.11	---	0.00	---	18.74	0.00	973.16
18R	985.27	11/7/2011	12.12	---	0.00	---	18.74	0.00	973.15
18R	985.27	11/14/2011	12.30	---	0.00	---	18.72	0.00	972.97
18R	985.27	11/15/2011	12.30	---	0.00	---	18.72	0.00	972.97
18R	985.27	11/22/2011	12.70	---	0.00	---	18.74	0.00	972.57
18R	985.27	11/28/2011	12.32	---	0.00	---	18.75	0.00	972.95
19R	985.30	11/1/2011	12.12	---	0.00	---	20.34	0.00	973.18
19R	985.30	11/7/2011	12.15	---	0.00	---	20.34	0.00	973.15
19R	985.30	11/14/2011	12.34	---	0.00	---	20.34	0.00	972.96
19R	985.30	11/15/2011	12.34	---	0.00	---	20.34	0.00	972.96
19R	985.30	11/22/2011	12.63	---	0.00	---	20.34	0.00	972.67
19R	985.30	11/28/2011	12.30	---	0.00	---	20.33	0.00	973.00
25R	997.47	11/1/2011	19.20	17.61	1.59	---	30.50	0.00	979.75
25R	997.47	11/7/2011	19.73	17.86	1.87	---	30.49	0.00	979.48
25R	997.47	11/14/2011	19.54	18.15	1.39	---	30.50	0.00	979.22
25R	997.47	11/15/2011	19.54	18.15	1.39	---	30.50	0.00	979.22
25R	997.47	11/22/2011	20.03	18.56	1.47	---	30.50	0.00	978.81
25R	997.47	11/28/2011	19.47	18.64	0.83	---	30.50	0.00	978.77
26RR	1,000.58	11/14/2011	18.85	---	0.00	---	28.29	0.00	981.73
28	991.72	11/14/2011	9.78	---	0.00	---	21.65	0.00	981.94
29	991.45	11/1/2011	16.51	16.50	0.01	---	21.40	0.00	974.95
29	991.45	11/7/2011	16.77	16.76	0.01	---	21.40	0.00	974.69
29	991.45	11/14/2011	16.95	16.94	0.01	---	21.41	0.00	974.51
29	991.45	11/15/2011	16.95	16.94	0.01	---	21.41	0.00	974.51
29	991.45	11/22/2011	17.21	17.20	0.01	---	21.40	0.00	974.25
29	991.45	11/28/2011	17.06	---	0.00	---	21.40	0.00	974.39
30	989.17	11/14/2011	11.26	---	0.00	---	22.40	0.00	977.91
37	980.37	11/14/2011	8.90	---	0.00	---	15.40	0.00	971.47
40R	991.60	11/14/2011	12.10	---	0.00	---	12.53	0.00	979.50
48	988.79	11/14/2011	16.01	14.65	1.36	---	22.46	0.00	974.04
49R	988.62	11/14/2011	14.24	---	0.00	---	24.65	0.00	974.38
49RR	989.66	11/14/2011	16.71	---	0.00	---	23.14	0.00	972.95
55	985.97	11/14/2011	12.25	12.15	0.10	---	26.54	0.00	973.81
64R	993.37	11/3/2011	16.39	16.29	0.10	---	20.50	0.00	977.07
64R	993.37	11/10/2011	16.23	16.22	0.01	---	20.50	0.00	977.15
64R	993.37	11/17/2011	16.47	16.42	0.05	---	20.50	0.00	976.95
64R	993.37	11/23/2011	15.82	15.74	0.08	---	20.50	0.00	977.62
64S	984.48	11/3/2011	19.47	---	0.00	---	28.70	0.00	965.01
64S	984.48	11/10/2011	19.40	---	0.00	---	28.70	0.00	965.08
64S	984.48	11/17/2011	19.54	---	0.00	---	28.70	0.00	964.94
64S	984.48	11/23/2011	19.59	---	0.00	---	28.70	0.00	964.89
64S-Caisson	NA	11/3/2011	11.15	10.94	0.21	---	14.55	0.00	NA
64S-Caisson	NA	11/10/2011	11.10	10.79	0.31	---	14.55	0.00	NA
64S-Caisson	NA	11/17/2011	10.96	10.66	0.30	---	14.55	0.00	NA
64S-Caisson	NA	11/23/2011	11.15	10.90	0.25	---	14.55	0.00	NA
64V	987.29	11/3/2011	20.79	20.53	0.26	P	29.60	< 0.01	966.74
64V	987.29	11/10/2011	21.00	20.87	0.13	P	29.60	< 0.01	966.41
64V	987.29	11/17/2011	21.01	20.75	0.26	P	29.60	< 0.01	966.52
64V	987.29	11/23/2011	21.14	20.50	0.64	P	29.60	< 0.01	966.75
64X(N)	984.83	11/3/2011	11.95	11.93	0.02	---	15.85	0.00	972.90

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

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
64X(N)	984.83	11/10/2011	11.20	11.17	0.03	---	15.85	0.00	973.66
64X(N)	984.83	11/17/2011	11.36	11.33	0.03	---	15.85	0.00	973.50
64X(N)	984.83	11/23/2011	11.38	11.35	0.03	---	15.85	0.00	973.48
64X(S)	981.56	11/3/2011	14.50	14.45	0.05	---	23.82	0.00	967.11
64X(S)	981.56	11/10/2011	14.86	14.84	0.02	---	23.82	0.00	966.72
64X(S)	981.56	11/17/2011	15.14	15.10	0.04	---	23.82	0.00	966.46
64X(S)	981.56	11/23/2011	14.95	14.85	0.10	---	23.82	0.00	966.70
64X(W)	984.87	11/3/2011	17.70	17.69	0.01	---	24.35	0.00	967.18
64X(W)	984.87	11/10/2011	18.02	18.01	0.01	---	24.35	0.00	966.86
64X(W)	984.87	11/17/2011	18.29	18.28	0.01	---	24.35	0.00	966.59
64X(W)	984.87	11/23/2011	18.01	17.99	0.02	---	24.35	0.00	966.88
95-01R	986.21	11/14/2011	12.65	---	0.00	---	19.50	0.00	973.56
95-04RR	987.75	11/14/2011	14.06	12.63	0.92	---	19.58	0.00	974.55
3-6C-EB-22	986.94	11/14/2011	12.85	---	0.00	---	19.35	0.00	974.09
E2SC-03I*	982.12	11/15/2011	9.07	---	0.00	38.50	45.24	6.74	973.05
E2SC-06	986.00	11/15/2011	12.44	---	0.00	---	20.59	0.00	973.56
E2SC-23	992.07	11/14/2011	15.90	---	0.00	---	21.15	0.00	976.17
E2SC-24	987.90	11/14/2011	14.81	---	0.00	---	21.61	0.00	973.09
ES2-15R	986.20	11/1/2011	15.47	11.15	4.32	---	19.48	0.00	974.75
ES2-15R	986.20	11/7/2011	15.10	11.22	3.88	---	19.48	0.00	974.71
ES2-15R	986.20	11/14/2011	14.90	11.45	3.45	---	19.46	0.00	974.51
ES2-15R	986.20	11/15/2011	14.90	11.45	3.45	---	19.46	0.00	974.51
ES2-15R	986.20	11/22/2011	14.85	11.75	3.10	---	19.46	0.00	974.23
ES2-15R	986.20	11/28/2011	14.70	11.53	3.17	---	19.46	0.00	974.45
GMA1-14	997.29	11/1/2011	16.31	16.30	0.01	---	22.47	0.00	980.99
GMA1-14	997.29	11/7/2011	16.50	---	0.00	---	22.46	0.00	980.79
GMA1-14	997.29	11/14/2011	18.81	18.80	0.01	---	22.48	0.00	978.49
GMA1-14	997.29	11/15/2011	18.81	18.80	0.01	---	22.48	0.00	978.49
GMA1-14	997.29	11/22/2011	17.18	---	0.00	---	22.47	0.00	980.11
GMA1-14	997.43	11/28/2011	17.16	---	0.00	---	22.48	0.00	980.27
GMA1-15	988.59	11/1/2011	15.25	14.65	0.60	---	17.78	0.00	973.90
GMA1-15	988.59	11/7/2011	15.50	14.60	0.90	---	17.78	0.00	973.93
GMA1-15	988.59	11/14/2011	15.20	14.79	0.41	---	17.78	0.00	973.77
GMA1-15	988.59	11/15/2011	15.20	14.79	0.41	---	17.78	0.00	973.77
GMA1-15	988.59	11/22/2011	15.83	15.28	0.55	---	17.78	0.00	973.27
GMA1-15	988.59	11/28/2011	15.44	14.80	0.64	---	17.78	0.00	973.75
GMA1-16	986.65	11/14/2011	11.58	11.56	0.02	---	19.85	0.00	975.09
GMA1-17E	993.03	11/14/2011	13.85	---	0.00	---	17.30	0.00	979.18
GMA1-17W	992.63	11/3/2011	17.20	16.75	0.45	---	NM	0.00	975.85
GMA1-17W	992.63	11/10/2011	NM	NM	NM	NM	NM	NM	NM
GMA1-17W	992.63	11/17/2011	NM	NM	NM	NM	NM	NM	NM
GMA1-17W	992.63	11/23/2011	NM	NM	NM	NM	NM	NM	NM
GMA1-19	984.11	11/1/2011	10.76	10.55	0.21	---	17.14	0.00	973.55
GMA1-19	984.11	11/7/2011	10.93	10.54	0.39	---	17.14	0.00	973.54
GMA1-19	984.11	11/14/2011	11.09	10.73	0.36	---	17.14	0.00	973.35
GMA1-19	984.11	11/15/2011	11.09	10.73	0.36	---	17.14	0.00	973.35
GMA1-19	984.11	11/22/2011	11.24	11.03	0.21	---	17.14	0.00	973.07
GMA1-19	984.11	11/28/2011	11.09	10.72	0.37	---	17.14	0.00	973.36
GMA1-20R	984.31	11/1/2011	11.08	---	0.00	---	20.05	0.00	973.23
GMA1-20R	984.31	11/7/2011	11.09	---	0.00	---	20.05	0.00	973.22
GMA1-20R	984.31	11/14/2011	11.25	---	0.00	---	20.05	0.00	973.06
GMA1-20R	984.31	11/15/2011	11.25	---	0.00	---	20.05	0.00	973.06
GMA1-20R	984.31	11/22/2011	11.51	---	0.00	---	20.05	0.00	972.80
GMA1-20R	984.31	11/28/2011	11.20	---	0.00	---	20.05	0.00	973.11
GMA1-21	985.48	11/1/2011	11.92	---	0.00	---	19.58	0.00	973.56
GMA1-21	985.48	11/7/2011	11.98	---	0.00	---	19.57	0.00	973.50
GMA1-21	985.48	11/14/2011	12.24	---	0.00	---	19.56	0.00	973.24
GMA1-21	985.48	11/15/2011	12.24	---	0.00	---	19.56	0.00	973.24
GMA1-21	985.48	11/22/2011	12.52	---	0.00	---	19.54	0.00	972.96
GMA1-21	985.48	11/28/2011	12.24	---	0.00	---	19.58	0.00	973.24
GMA1-22	988.45	11/1/2011	14.43	---	0.00	---	19.13	0.00	974.02
GMA1-22	988.45	11/7/2011	14.30	---	0.00	---	19.14	0.00	974.15
GMA1-22	988.45	11/14/2011	14.51	---	0.00	---	19.15	0.00	973.94
GMA1-22	988.45	11/15/2011	14.51	---	0.00	---	19.15	0.00	973.94
GMA1-22	988.45	11/22/2011	14.80	---	0.00	---	19.15	0.00	973.65

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

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA1-22	988.45	11/28/2011	14.51	---	0.00	---	19.16	0.00	973.94
GMA1-23R	985.67	11/1/2011	11.90	---	0.00	---	19.50	0.00	973.77
GMA1-23R	985.67	11/7/2011	11.90	---	0.00	---	19.50	0.00	973.77
GMA1-23R	985.67	11/14/2011	12.10	---	0.00	---	19.51	0.00	973.57
GMA1-23R	985.67	11/15/2011	12.10	---	0.00	---	19.51	0.00	973.57
GMA1-23R	985.67	11/22/2011	12.30	---	0.00	---	19.50	0.00	973.37
GMA1-23R	985.67	11/28/2011	12.10	---	0.00	---	19.50	0.00	973.57
GMA1-24R	985.40	11/1/2011	12.03	---	0.00	---	20.15	0.00	973.37
GMA1-24R	985.40	11/7/2011	12.10	---	0.00	---	20.14	0.00	973.30
GMA1-24R	985.40	11/14/2011	12.35	---	0.00	---	20.14	0.00	973.05
GMA1-24R	985.40	11/15/2011	12.35	---	0.00	---	20.14	0.00	973.05
GMA1-24R	985.40	11/22/2011	12.56	---	0.00	---	20.14	0.00	972.84
GMA1-24R	985.40	11/28/2011	12.21	---	0.00	---	20.14	0.00	973.19
GMA1-30	985.45	11/14/2011	12.71	---	0.00	---	20.14	0.00	972.74
HR-G2-MW-1	982.60	11/14/2011	10.36	---	0.00	---	18.23	0.00	972.24
HR-G2-MW-2	981.39	11/14/2011	8.21	---	0.00	---	17.65	0.00	973.18
HR-G2-MW-3	987.14	11/14/2011	14.10	---	0.00	---	21.45	0.00	973.04
HR-G2-RW-1	976.88	11/14/2011	5.51	---	0.00	---	18.65	0.00	972.76
ESA2S-PZ-1	985.04	11/1/2011	12.65	11.47	1.18	---	23.73	0.00	973.49
ESA2S-PZ-1	985.04	11/7/2011	12.55	11.33	1.22	---	23.74	0.00	973.62
ESA2S-PZ-1	985.04	11/14/2011	13.10	11.50	1.60	---	23.73	0.00	973.43
ESA2S-PZ-1	985.04	11/15/2011	13.10	11.50	1.60	---	23.73	0.00	973.43
ESA2S-PZ-1	985.04	11/22/2011	13.40	11.76	1.64	---	23.75	0.00	973.17
ESA2S-PZ-1	985.04	11/28/2011	13.07	11.49	1.58	---	23.72	0.00	973.44
ESA2S-PZ-2	984.30	11/1/2011	11.05	10.78	0.27	---	22.17	0.00	973.50
ESA2S-PZ-2	984.30	11/7/2011	11.40	10.70	0.70	---	22.18	0.00	973.55
ESA2S-PZ-2	984.30	11/14/2011	11.24	10.96	0.28	---	22.20	0.00	973.32
ESA2S-PZ-2	984.30	11/15/2011	11.24	10.96	0.28	---	22.20	0.00	973.32
ESA2S-PZ-2	984.30	11/22/2011	11.53	11.22	0.31	---	22.18	0.00	973.06
ESA2S-PZ-2	984.30	11/28/2011	11.61	10.96	0.65	---	22.20	0.00	973.29
ESA2S-PZ-3	986.62	11/1/2011	13.20	---	0.00	---	24.36	0.00	973.42
ESA2S-PZ-3	986.62	11/7/2011	13.20	---	0.00	---	24.34	0.00	973.42
ESA2S-PZ-3	986.62	11/14/2011	13.37	---	0.00	---	24.36	0.00	973.25
ESA2S-PZ-3	986.62	11/15/2011	13.37	---	0.00	---	24.36	0.00	973.25
ESA2S-PZ-3	986.62	11/22/2011	13.64	---	0.00	---	24.37	0.00	972.98
ESA2S-PZ-3	986.62	11/28/2011	13.36	---	0.00	---	24.36	0.00	973.26
ESA2S-PZ-4	986.35	11/1/2011	13.05	---	0.00	---	25.05	0.00	973.30
ESA2S-PZ-4	986.35	11/7/2011	12.58	---	0.00	---	24.80	0.00	973.77
ESA2S-PZ-4	986.35	11/14/2011	13.25	---	0.00	---	25.05	0.00	973.10
ESA2S-PZ-4	986.35	11/15/2011	13.25	---	0.00	---	25.05	0.00	973.10
ESA2S-PZ-4	986.35	11/22/2011	13.54	---	0.00	---	25.05	0.00	972.81
ESA2S-PZ-4	986.35	11/28/2011	13.21	---	0.00	---	25.04	0.00	973.14
ESA2S-PZ-5	985.90	11/1/2011	12.55	---	0.00	---	24.80	0.00	973.35
ESA2S-PZ-5	985.90	11/7/2011	13.14	---	0.00	---	25.11	0.00	972.76
ESA2S-PZ-5	985.90	11/14/2011	12.72	---	0.00	---	24.81	0.00	973.18
ESA2S-PZ-5	985.90	11/15/2011	12.77	---	0.00	---	24.81	0.00	973.13
ESA2S-PZ-5	985.90	11/22/2011	13.04	---	0.00	---	24.82	0.00	972.86
ESA2S-PZ-5	985.90	11/28/2011	12.73	---	0.00	---	24.83	0.00	973.17
ESA2S-PZ-6	986.24	11/1/2011	12.92	12.70	0.22	---	22.09	0.00	973.52
ESA2S-PZ-6	986.24	11/7/2011	13.10	12.70	0.40	---	22.10	0.00	973.51
ESA2S-PZ-6	986.24	11/14/2011	13.33	12.90	0.43	---	22.08	0.00	973.31
ESA2S-PZ-6	986.24	11/15/2011	13.33	12.90	0.43	---	22.08	0.00	973.31
ESA2S-PZ-6	986.24	11/22/2011	13.95	13.13	0.82	---	22.10	0.00	973.05
ESA2S-PZ-6	986.24	11/28/2011	13.59	12.84	0.75	---	22.10	0.00	973.35
ESA2S-PZ-7	985.99	11/1/2011	12.88	12.55	0.33	---	25.01	0.00	973.42
ESA2S-PZ-7	985.99	11/7/2011	12.78	12.53	0.25	---	25.01	0.00	973.44
ESA2S-PZ-7	985.99	11/14/2011	13.05	12.70	0.35	---	25.00	0.00	973.27
ESA2S-PZ-7	985.99	11/15/2011	13.05	12.70	0.35	---	25.00	0.00	973.27
ESA2S-PZ-7	985.99	11/22/2011	13.20	12.93	0.27	---	25.01	0.00	973.04
ESA2S-PZ-7	985.99	11/28/2011	13.03	12.71	0.32	---	25.02	0.00	973.26
RW-1(S)	987.23	11/3/2011	19.43	18.91	0.52	---	28.60	0.00	968.28
RW-1(S)	987.23	11/10/2011	17.95	17.60	0.35	---	28.60	0.00	969.61
RW-1(S)	987.23	11/17/2011	18.91	18.67	0.24	---	28.60	0.00	968.54
RW-1(S)	987.23	11/23/2011	18.32	17.88	0.44	---	28.60	0.00	969.32

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

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
RW-1(X)	982.68	11/3/2011	14.20	13.62	0.58	---	20.80	0.00	969.02
RW-1(X)	982.68	11/10/2011	14.51	13.94	0.57	---	20.80	0.00	968.70
RW-1(X)	982.68	11/17/2011	14.60	14.10	0.50	---	20.80	0.00	968.55
RW-1(X)	982.68	11/23/2011	14.48	13.91	0.57	---	20.80	0.00	968.73
RW-2(X)	985.96	11/3/2011	15.20	---	0.00	---	22.80	0.00	970.76
RW-2(X)	985.96	11/10/2011	14.32	---	0.00	---	22.80	0.00	971.64
RW-2(X)	985.96	11/17/2011	15.89	---	0.00	---	22.80	0.00	970.07
RW-2(X)	985.96	11/23/2011	17.14	---	0.00	---	22.80	0.00	968.82
RW-3(X)	980.28	11/3/2011	8.83	---	0.00	44.08	44.40	0.32	971.45
RW-3(X)	980.28	11/10/2011	8.96	---	0.00	44.28	44.40	0.12	971.32
RW-3(X)	980.28	11/17/2011	9.04	---	0.00	44.19	44.40	0.21	971.24
RW-3(X)	980.28	11/23/2011	8.94	---	0.00	44.02	44.40	0.38	971.34
RW-4	987.44	11/3/2011	19.64	19.38	0.26	---	29.05	0.00	968.04
RW-4	987.44	11/10/2011	20.23	19.65	0.58	---	29.05	0.00	967.75
RW-4	987.44	11/17/2011	20.69	19.94	0.75	---	29.05	0.00	967.45
RW-4	987.44	11/23/2011	19.90	19.42	0.48	---	29.05	0.00	967.99
Housatonic River									
SG-HR-1	990.73	11/1/2011	18.64	See Note 7 regarding depth to water					972.09
SG-HR-1	990.73	11/9/2011	18.75	See Note 7 regarding depth to water					971.98
SG-HR-1	990.73	11/15/2011	18.86	See Note 7 regarding depth to water					971.87
SG-HR-1	990.73	11/23/2011	17.68	See Note 7 regarding depth to water					973.05
SG-HR-1	990.73	11/28/2011	18.75	See Note 7 regarding depth to water					971.98

Notes:

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

TABLE 21-12
ACTIVE RECOVERY SYSTEMS MONTHLY SUMMARY
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

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

Month / Year	Volume Water Pumped (gallon)	RW-1R LNAPL Recovered (gallon)	RW-3 LNAPL Recovered (gallon)
November 2009	181,566	--	--
December 2009	206,089	--	5
January 2010	149,663	--	--
February 2010	141,012	--	--
March 2010	276,342	--	--
April 2010	239,752	--	--
May 2010	151,460	--	--
June 2010	162,222	--	--
July 2010	113,949	--	9
August 2010	96,697	--	--
September 2010	94,815	--	--
October 2010	128,585	--	--
November 2010	128,881	--	--
December 2010	180,517	--	--
January 2011	146,433	--	--
February 2011	127,311	--	--
March 2011	296,067	--	--
April 2011	242,238	--	--
May 2011	228,211	--	5
June 2011	225,630	--	11
July 2011	168,188	--	10
August 2011	134,744	--	4.5
September 2011	384,795	--	--
October 2011	243,935	--	--
November 2011	195,850	--	15

Notes:
1. Volume of water pumped is total from Wells RW-1R, RW-2, and RW-3.
2. -- indicates LNAPL was not recovered by the system.

TABLE 21-13
MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	November 2011 Removal (liters)
LSSC-07	11/1/2011	9.90	24.90	0.18	0.111	**0.634**
	11/8/2011	10.03	24.89	0.19	0.117	
	11/15/2011	10.16	24.90	0.18	0.111	
	11/22/2011	10.48	24.95	0.13	0.080	
	11/28/2011	10.07	24.73	0.35	0.215	
LSSC-08I	11/8/2011	11.55	23.21	0.02	0.012	**0.042**
	11/8/2011	11.55	23.21	0.01	0.006	
	11/28/2011	11.58	23.19	0.04	0.024	
LSSC-16I	11/8/2011	8.34	28.47	0.04	0.025	**0.025**

Total Manual DNAPL Removal for November 2011: 0.701 liters
0.185 gallons

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

TABLE 21-14
ROUTINE WELL MONITORING
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
EPA-01	983.04	11/8/2011	11.55	---	0.00	---	22.62	0.00	971.49
LS-12	985.49	11/8/2011	14.00	---	0.00	---	27.43	0.00	971.49
LS-24	986.58	11/8/2011	17.25	---	0.00	---	19.37	0.00	969.33
LS-30	986.44	11/8/2011	14.60	---	0.00	23.86	23.94	0.08	971.84
LS-31	987.09	11/8/2011	15.16	---	0.00	25.30	25.45	0.15	971.93
LS-38	986.95	11/8/2011	15.70	---	0.00	---	26.05	0.00	971.25
LS-38S	987.82	11/8/2011	15.80	---	0.00	---	18.09	0.00	972.02
LS-44	980.78	11/8/2011	9.21	---	0.00	---	25.60	0.00	971.57
LSSC-07	982.47	11/1/2011	9.90	---	0.00	24.90	25.08	0.18	972.57
LSSC-07	982.47	11/8/2011	10.03	---	0.00	24.89	25.08	0.19	972.44
LSSC-07	982.47	11/15/2011	10.16	---	0.00	24.90	25.08	0.18	972.31
LSSC-07	982.47	11/22/2011	10.48	---	0.00	24.95	25.08	0.13	971.99
LSSC-07	982.47	11/28/2011	10.07	---	0.00	24.73	25.08	0.35	972.40
LSSC-08I	983.13	11/1/2011	11.40	---	0.00	---	23.23	0.00	971.73
LSSC-08I	983.13	11/8/2011	11.55	---	0.00	23.21	23.23	0.02	971.58
LSSC-08I	983.13	11/8/2011	11.55	---	0.00	23.21	23.22	0.01	971.58
LSSC-08I	983.13	11/15/2011	11.61	---	0.00	---	23.23	0.00	971.52
LSSC-08I	983.13	11/22/2011	11.97	---	0.00	---	23.23	0.00	971.16
LSSC-08I	983.13	11/28/2011	11.58	---	0.00	23.19	23.23	0.04	971.55
LSSC-08S	983.11	11/8/2011	11.71	---	0.00	---	14.66	0.00	971.40
LSSC-09	985.06	11/8/2011	13.95	---	0.00	---	21.58	0.00	971.11
LSSC-16I	980.84	11/8/2011	8.34	---	0.00	28.47	28.51	0.04	972.50
LSSC-18	987.32	11/8/2011	17.65	---	0.00	---	22.47	0.00	969.67
LSSC-32	980.69	11/8/2011	8.54	---	0.00	---	35.34	0.00	972.15
LSSC-33	980.57	11/8/2011	8.55	---	0.00	---	29.24	0.00	972.02
RW-1 (R)	985.07	11/3/2011	17.35	P	< 0.01	P	21.65	< 0.01	967.72
RW-1 (R)	985.07	11/10/2011	17.56	P	< 0.01	P	21.65	< 0.01	967.51
RW-1 (R)	985.07	11/17/2011	17.40	P	< 0.01	P	21.65	< 0.01	967.67
RW-1 (R)	985.07	11/23/2011	17.51	P	< 0.01	P	21.65	< 0.01	967.56
RW-2	985.92	11/3/2011	17.26	---	0.00	---	24.70	0.00	968.66
RW-2	985.92	11/10/2011	16.96	---	0.00	---	24.70	0.00	968.96
RW-2	985.92	11/17/2011	17.34	---	0.00	---	24.70	0.00	968.58
RW-2	985.92	11/23/2011	17.29	---	0.00	---	24.70	0.00	968.63
RW-3	984.08	11/3/2011	15.65	15.20	0.45	---	22.70	0.00	968.85
RW-3	984.08	11/10/2011	15.57	15.10	0.47	---	22.70	0.00	968.95
RW-3	984.08	11/17/2011	15.23	15.20	0.03	---	22.70	0.00	968.88
RW-3	984.08	11/23/2011	15.46	15.42	0.04	---	22.70	0.00	968.66
Housatonic River (Lyman Street Bridge)									
BM-2A	986.32	11/1/2011	15.54	See Note 4 regarding depth to water					970.78
BM-2A	986.32	11/9/2011	15.70	See Note 4 regarding depth to water					970.62
BM-2A	986.32	11/15/2011	15.87	See Note 4 regarding depth to water					970.45
BM-2A	986.32	11/23/2011	14.65	See Note 4 regarding depth to water					971.67
BM-2A	986.32	11/28/2011	15.72	See Note 4 regarding depth to water					970.60

Notes:

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

TABLE 21-15
ACTIVE DNAPL RECOVERY SYSTEMS MONTHLY SUMMARY
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1

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

Recovery System	Date	Total Gallons Recovered
System 2(1)	November 2010	16.0
	December 2010	0.0
	January 2011	0.0
	February 2011	0.0
	March 2011	25.0
	April 2011	0.0
	May 2011	13.0
	June 2011	0.0
	July 2011	0.0
	August 2011	10.0
	September 2011	24.0
	October 2011	0.0
	November 2011	0.0
Total Automated DNAPL Removal for November 2011:		0.0

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

TABLE 21-16
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

CONSENT DECREE MONTHLY STATUS REPORT
GROUNDWATER MANAGEMENT AREA 1 - NEWELL STREET AREA II
MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL
November 2011

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	November 2011 Removal (liters)
N2SC-07	11/8/2011	9.46	35.75	3.11	0.068	**0.068**
N2SC-08	11/8/2011	10.22	39.85	1.00	0.617	**0.617**

Total DNAPL Removal for November 2011: 0.685 liters
0.181 gallons

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

TABLE 21-17
ROUTINE WELL MONITORING
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
N2SC-01I	984.99	11/8/2011	11.05	---	0.00	37.11	40.26	3.15	973.94
N2SC-01I(R)	984.34	11/3/2011	14.49	NM	NM	40.79	42.60	1.81	969.85
N2SC-01I(R)	984.34	11/10/2011	14.76	NM	NM	40.87	42.60	1.73	969.58
N2SC-01I(R)	984.34	11/17/2011	14.84	NM	NM	40.76	42.60	1.84	969.50
N2SC-01I(R)	984.34	11/23/2011	15.02	NM	NM	40.72	42.60	1.88	969.32
N2SC-02	983.18	11/8/2011	10.22	---	0.00	---	38.15	0.00	972.96
N2SC-03I	982.97	11/8/2011	9.53	---	0.00	37.33	37.64	0.31	973.44
N2SC-03I(R)	985.86	11/3/2011	12.64	NM	NM	38.86	41.10	2.24	973.22
N2SC-03I(R)	985.86	11/10/2011	12.78	NM	NM	39.14	41.10	1.96	973.08
N2SC-03I(R)	985.86	11/17/2011	12.97	NM	NM	38.64	41.10	2.46	972.89
N2SC-03I(R)	985.86	11/23/2011	12.99	NM	NM	38.61	41.10	2.49	972.87
N2SC-07	984.61	11/8/2011	9.46	---	0.00	35.75	38.86	3.11	975.15
N2SC-08	986.07	11/8/2011	10.22	---	0.00	39.85	40.85	1.00	975.85
N2SC-14	986.66	11/3/2011	13.33	NM	NM	38.23	40.00	1.77	973.33
N2SC-14	986.66	11/10/2011	13.52	NM	NM	38.26	40.00	1.74	973.14
N2SC-14	986.66	11/17/2011	13.70	NM	NM	38.21	40.00	1.79	972.96
N2SC-14	986.66	11/23/2011	13.74	NM	NM	38.22	40.00	1.78	972.92

Notes:

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

TABLE 21-18
ROUTINE WELL MONITORING
SILVER LAKE AREA
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Staff Gauge within Silver Lake									
BM-SL-5	980.30	11/1/2011	4.30	See Note 2 regarding depth to water					976.00
BM-SL-5	980.30	11/9/2011	4.44	See Note 2 regarding depth to water					975.86
BM-SL-5	980.30	11/15/2011	4.41	See Note 2 regarding depth to water					975.89
BM-SL-5	980.30	11/23/2011	3.87	See Note 2 regarding depth to water					976.43
BM-SL-5	980.30	11/28/2011	4.33	See Note 2 regarding depth to water					975.97

Notes:

1. ft BMP - feet Below Measuring Point.
2. Survey reference point BM-SL-5 was established on the former Silver Lake staff gauge support structure following destruction of the gauge due to ice. The "Depth to Water" value(s) provided in the above table refer to the vertical distance as measured down from the surveyed reference point to the water surface.
3. Additional groundwater elevation data may also be collected from wells near Silver Lake that are located in the 30s Complex and at the Lyman Street Area. If available, those results are presented in the monitoring tables for those Removal Action Areas.

TABLE 21-19
SILVER LAKE OUTLET CALCULATED DISCHARGE
SILVER LAKE AREA
GROUNDWATER MANAGEMENT AREA 1

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

Date	Gauge Measurement (ft)	Calculated Flow (cfs)
11/29/2011	3.08	3.34

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)
NOVEMBER 2011

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

a. Activities Undertaken/Completed

- Conducted routine river elevation monitoring.
- Performed waste characterization sampling of purge water from well OJ-MW-2R, as indicated in Table 22-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine river elevation monitoring.
- Perform maintenance at wells identified during the fall 2011 monitoring activities.
- Initiate preparation of Fall 2011 Trend Evaluation Report.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

The Fall 2011 Trend Evaluation Report is due 75 days from receipt of the final laboratory packages from the fall 2011 sampling round. Those data packages were received on November 7, 2011, resulting in a report submittal date of January 21, 2012. Since that date is a Saturday, the effective submittal date will be Monday January 23, 2012.

f. Proposed/Approved Work Plan Modifications

GE received EPA's conditional approval of GE's August 5, 2011 Long-Term Monitoring Program Monitoring Event Evaluation Report for Spring 2011 (November 7, 2011).

TABLE 22-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING NOVEMBER 2011

GROUNDWATER MANAGEMENT AREA 2
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Wells Purge Water from OJ-MW-2R, RF-03S AND RF-02	B2453	11/21/11	Water	SGS	PCB, VOC, SVOC, Metals	11/30/2011

TABLE 22-2
DATA RECEIVED DURING NOVEMBER 2011

WELLS PURGE WATER FROM OJ-MW-2R, RF-03S AND RF-02
GROUNDWATER MANAGEMENT AREA 2
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	B2453 11/21/11
Volatile Organics	
1,3-Dichlorobenzene	0.00067 J
1,4-Dichlorobenzene	0.0010
Acetone	0.0031 J
Bromoform	0.0014
Chloroform	0.00057 J
Chloromethane	0.0013
Tetrachloroethene	0.037
Trichloroethene	0.0018
PCBs-Unfiltered	
Aroclor-1254	0.017
Total PCBs	0.017
Semivolatile Organics	
None Detected	--
Inorganics-Unfiltered	
Barium	0.0324 B
Cadmium	0.00241 B
Chromium	0.00263 B
Mercury	0.0000482 B
Silver	0.00643 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:

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

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

TABLE 22-3
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 2

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Housatonic River (Foot Bridge)									
GMA2-SG-1R	989.82	11/28/2011	16.49	See Note 2 regarding depth to water					973.33

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)
NOVEMBER 2011

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

a. Activities Undertaken/Completed

- Performed waste characterization sampling of purge water from wells 6B-R, 16B-R, and 39B, as indicated in Table 23-1.

- Continued well maintenance activities at the following monitoring wells (including certain activities conducted in late October 2011 that were not itemized in the previous monthly report): 39B-R (installed new curb box), 51-05 (replaced bolts), 51-08 (removed sediment from within curb box), 51-09 (installed new curb box), 51-12 (installed new curb box), 51-14 (removed sediment from base of well), 51-15 (installed new lock), 51-16R (installed new bolts), 59-01 (re-tapped bolt holes, installed new lid gasket and bolt washers), 59-03R (re-tapped bolt holes, installed new bolt washers, and removed sediment from within curb box), 59-07 (installed new curb box), 60B-R (removed sediment from base of well), GMA3-2 (installed new curb box), GMA3-6 (installed additional standpipe and new lock), GMA3-10 (installed new lid gasket and bolt, confirmed J-plug well cap had been installed), GMA3-12 (installed new curb box), and UB-PZ-3 (installed new bolts and washers).

- Removed approximately 5.5 gallons of LNAPL by the automatic skimmer located in well 51-21, and approximately 0.7 gallon of LNAPL by the automatic skimmer located in well GMA3-17 (see Table 23-3). An additional 1.855 liters (0.489 gallon) of LNAPL were manually removed from the wells in this area during November (see Table 23-4).

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine groundwater and NAPL monitoring/recovery activities.

- Install deeper exploratory soil borings adjacent to Unkamet Brook Area pre-design soil borings RAA10-N-X19 and RAA10-N-Y20 to better define the top of peat elevation and extent of fill materials which appear to have been placed on top of the peat layer in this area. Descriptive soil samples will be collected continuously from ground surface until the top of the peat layer is encountered, or to a maximum depth of 25 feet.

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

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

- Continue well maintenance and/or survey activities identified during or since the fall 2011 monitoring event on properties where GE has access permission (see Item 23.e below).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

GE's existing license from the U.S. Navy allowing GE access to the Navy property (Parcel L12-2-2) for performance of groundwater investigations has expired. On March 29, 2011, GE sent a letter to the Navy requesting reissuance of an access license for that purpose. Until that license is received, GE will not be able to perform groundwater monitoring or maintenance activities at wells 82B-R, GMA3-5, and OBG-2, which are located on Parcel L12-2-2.

f. Proposed/Approved Work Plan Modifications

GE received EPA's conditional approval of GE's August 30, 2011 Spring 2011 Groundwater Quality and NAPL Monitoring Interim Report (November 21, 2011).

TABLE 23-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING NOVEMBER 2011

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
Wells Purge Water from 6B-R, 16B-R and 39B	B2452	11/21/11	Water	SGS	PCB, VOC, SVOC, Metals	11/30/2011

TABLE 23-2
DATA RECEIVED DURING NOVEMBER 2011

WELLS PURGE WATER FROM 6B-R, 16B-R AND 39B
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Date Collected:	B2452 / 11/21/11
Volatile Organics		
1,2-Dichlorobenzene		0.0050
1,3-Dichlorobenzene		0.00084 J
Trichloroethene		0.010
PCBs-Unfiltered		
Aroclor-1254		0.0019
Aroclor-1260		0.0033
Total PCBs		0.0052
Semivolatile Organics		
1,2-Dichlorobenzene		0.0041 J
2-Chlorophenol		0.0082
Inorganics-Unfiltered		
Barium		0.0249 B
Cadmium		0.00205 B
Chromium		0.00229 B
Mercury		0.0000555 B
Silver		0.00603 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.

Data Qualifiers:

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

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

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

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

Recovery Well	Month	Vol. LNAPL Collected (gallons)
51-21	November 2010	9.1
	December 2010	5.3
	January 2011	7.2
	February 2011	13.4
	March 2011	4.8
	April 2011	1.5
	May 2011	0.3
	June 2011	0.3
	July 2011	1.1
	August 2011	8.8
	September 2011	3.3
	October 2011	8.1
	November 2011	5.5
GMA3-17	November 2010	8.9
	December 2010	4.3
	January 2011	0.8
	February 2011	2.5
	March 2011	2.4
	April 2011	1.6
	May 2011	2.0
	June 2011	2.3
	July 2011	0.2
	August 2011	0.3
	September 2011	1.5
	October 2011	1.4
	November 2011	0.7

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETT
November 2011

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	November 2011 Removal (liters)
51-05	11/21/2011	9.45	9.43	0.02	0.012	**0.012**
59-03R	11/21/2011	11.24	10.66	0.58	0.358	**0.358**
GMA3-10	10/31/2011	10.44	10.05	0.39	0.241	**1.406**
	11/7/2011	10.60	10.09	0.51	0.315	
	11/15/2011	10.60	10.22	0.38	0.234	
	11/21/2011	10.84	10.36	0.48	0.296	
	11/28/2011	10.84	10.32	0.52	0.320	
GMA3-13	10/31/2011	10.26	10.25	0.01	0.006	**0.030**
	11/7/2011	10.29	10.28	0.01	0.006	
	11/15/2011	10.42	10.40	0.02	0.012	
	11/21/2011	10.56	10.55	0.01	0.006	
UB-PZ-3	11/21/2011	11.49	11.35	0.14	0.049	**0.049**

Total LNAPL Removed for November 2011 1.855 liters
0.489 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
November 2011

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
51-05	996.38	11/21/2011	9.45	9.43	0.02	---	10.50	0.00	986.95
51-06	997.32	11/21/2011	10.04	---	0.00	---	14.24	0.00	987.28
51-07	997.18	11/21/2011	10.01	---	0.00	---	12.95	0.00	987.17
51-08	997.18	10/31/2011	9.95	9.92	0.03	---	14.60	0.00	987.26
51-08	997.18	11/7/2011	9.96	9.92	0.04	---	14.60	0.00	987.26
51-08	997.18	11/15/2011	10.12	10.10	0.02	---	14.60	0.00	987.08
51-08	997.18	11/21/2011	10.28	10.22	0.06	---	14.60	0.00	986.96
51-08	997.18	11/28/2011	10.19	10.15	0.04	---	14.60	0.00	987.03
51-09	997.66	11/21/2011	9.92	---	0.00	---	14.60	0.00	987.74
51-11	994.39	11/21/2011	7.95	---	0.00	---	13.54	0.00	986.44
51-12	996.56	11/21/2011	7.30	---	0.00	---	13.35	0.00	989.26
51-13	997.29	11/21/2011	10.60	---	0.00	---	13.70	0.00	986.69
51-14	996.64	11/21/2011	10.00	---	0.00	---	14.78	0.00	986.64
51-15	996.46	11/21/2011	9.56	9.55	0.01	---	14.30	0.00	986.91
51-16R	996.44	11/21/2011	9.65	9.55	0.10	---	14.50	0.00	986.88
51-17	996.27	11/21/2011	9.60	9.48	0.12	---	14.50	0.00	986.78
51-18	997.26	11/21/2011	10.35	---	0.00	---	12.37	0.00	986.91
51-19	996.46	11/21/2011	9.75	9.70	0.05	---	13.82	0.00	986.76
51-21	1,001.43	11/3/2011	14.43	---	0.00	---	NM	0.00	987.00
51-21	1,001.43	11/10/2011	14.58	14.57	0.01	---	NM	0.00	986.86
51-21	1,001.43	11/17/2011	14.72	---	0.00	---	NM	0.00	986.71
51-21	1,001.43	11/23/2011	14.83	P	< 0.01	---	NM	0.00	986.60
59-01	997.54	11/21/2011	10.45	---	0.00	---	18.10	0.00	987.09
59-03R	997.65	11/21/2011	11.24	10.66	0.58	---	17.03	0.00	986.95
59-07	997.80	11/21/2011	11.00	10.99	0.01	---	23.48	0.00	986.81
078B-R	988.73	11/21/2011	2.74	---	0.00	---	11.71	0.00	985.99
GMA3-10	997.52	10/31/2011	10.44	10.05	0.39	---	17.65	0.00	987.44
GMA3-10	997.52	11/7/2011	10.60	10.09	0.51	---	17.65	0.00	987.39
GMA3-10	997.52	11/15/2011	10.60	10.22	0.38	---	17.65	0.00	987.27
GMA3-10	997.52	11/21/2011	10.84	10.36	0.48	---	17.65	0.00	987.13
GMA3-10	997.52	11/28/2011	10.84	10.32	0.52	---	17.65	0.00	987.16
GMA3-11	997.25	11/21/2011	9.78	---	0.00	---	17.87	0.00	987.47
GMA3-12	997.85	10/31/2011	10.54	10.52	0.02	---	21.18	0.00	987.33
GMA3-12	997.85	11/7/2011	10.54	10.52	0.02	---	21.16	0.00	987.33
GMA3-12	997.85	11/15/2011	10.68	10.66	0.02	---	21.17	0.00	987.19
GMA3-12	997.85	11/21/2011	10.85	10.83	0.02	---	21.09	0.00	987.02
GMA3-12	997.85	11/28/2011	10.79	10.75	0.04	---	21.01	0.00	987.10
GMA3-13	997.71	10/31/2011	10.26	10.25	0.01	---	17.35	0.00	987.46
GMA3-13	997.71	11/7/2011	10.29	10.28	0.01	---	17.35	0.00	987.43
GMA3-13	997.71	11/15/2011	10.42	10.40	0.02	---	17.35	0.00	987.31
GMA3-13	997.71	11/21/2011	10.56	10.55	0.01	---	17.35	0.00	987.16
GMA3-13	997.71	11/28/2011	10.53	---	0.00	---	17.38	0.00	987.18
GMA3-14	997.42	11/21/2011	10.20	---	0.00	---	16.18	0.00	987.22
GMA3-16	989.17	11/21/2011	2.83	---	0.00	---	12.14	0.00	986.34

TABLE 23-5
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA3-17	1,003.17	11/3/2011	16.26	16.25	0.01	---	NM	0.00	986.92
GMA3-17	1,003.17	11/10/2011	16.18	16.17	0.01	---	NM	0.00	987.00
GMA3-17	1,003.17	11/17/2011	16.50	P	< 0.01	---	NM	0.00	986.67
GMA3-17	1,003.17	11/23/2011	16.62	---	0.00	---	NM	0.00	986.55
UB-MW-10	996.03	11/21/2011	9.38	---	0.00	---	14.30	0.00	986.65
UB-PZ-3	998.22	11/21/2011	11.49	11.35	0.14	---	13.35	0.00	986.86

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 suc

ITEM 24
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 3 (GMA 4)
(GECD340)
NOVEMBER 2011

Note: This Item 24 describes activities conducted at GMA 4 other than those associated with the OPCAs. Activities relating to the OPCA post-closure groundwater monitoring program are described in Item 24A below.

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

a. Activities Undertaken/Completed

Performed waste characterization sampling of purge water from well GMA4-9, as indicated in Table 24-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

Complete well maintenance and/or survey activities identified during the fall 2011 monitoring event.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

The Baseline Assessment Final Report and Long-Term Monitoring Program Proposal for GMA 4 is due 120 days from receipt of the final laboratory packages from the fall 2011 sampling round. Those data packages were received on November 7, 2011, resulting in a report submittal date of March 6, 2012.

f. Proposed/Approved Work Plan Modifications

None

TABLE 24-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING NOVEMBER 2011

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
Well Purge Water from GMA4-9	B2455	11/16/11	Groundwater	SGS	PCB, VOC, SVOC, Metals (excludes Mercury)	11/30/2011

TABLE 24-2
DATA RECEIVED DURING NOVEMBER 2011

WELL PURGE WATER FROM GMA4-9
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	B2455 11/16/11
Volatile Organics	
1,4-Dichlorobenzene	0.00015 J
Bromoform	0.00091 J
Dibromochloromethane	0.00016 J
PCBs-Unfiltered	
Aroclor-1254	0.0028 J
Aroclor-1260	0.011
Total PCBs	0.0138
Semivolatile Organics	
None Detected	--
Inorganics-Unfiltered	
Barium	0.0138 B
Cadmium	0.00204 B
Chromium	0.00189 B
Lead	0.0118
Mercury	0.0000196 B
Silver	0.00281 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:

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

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

ITEM 24A
GROUNDWATER MANAGEMENT AREAS
ON-PLANT CONSOLIDATION AREAS
POST-CLOSURE PROGRAM
NOVEMBER 2011

Note: In accordance with GE's Revised Post-Removal Site Control Plan for the On-Plant Consolidation Area, approved by EPA on September 26, 2011, a separate post-closure groundwater monitoring program is being implemented for the OPCA monitoring wells. The activities in that program are described in this item.

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

a. Activities Undertaken/Completed

- Replaced curb box at monitoring well OPCA-MW-6.

- Performed waste characterization sampling of purge water from OPCA monitoring wells, as indicated in Table 24A-1.

b. Sampling/Test Results Received

- Preliminary analytical results received in November 2011 from the fall 2011 OPCA post-closure groundwater quality monitoring event are shown in Table 24A-2. These preliminary results have been compared to the Method 1 GW-2 and GW-3 groundwater standards and Upper Concentration Limits (UCLs) for groundwater set forth in the Massachusetts Contingency Plan (MCP). (Note that under this monitoring program, samples collected for analysis of PCBs, metals, and physiologically available cyanide are analyzed in filtered form only.) These comparisons indicate the following:

  - There were no exceedances of UCLs in any of the groundwater sample results received in November 2011.

  - The MCP GW-2 standard for tetrachloroethylene (0.05 ppm) was exceeded in the groundwater sample from GW-3 compliance well OPCA-MW-1RR, which is also utilized as a benchmark comparison point for the GW-2 standards.

  - The MCP GW-2 standards were not exceeded in any of the other groundwater sample results received in November 2011.

  - The MCP GW-3 standard for lead (0.01 ppm) was exceeded in the groundwater samples from GW-3 compliance wells OPCA-MW-5R and OPCA-MW-7. This is the first such exceedance recorded at these wells. However, these results are currently undergoing data quality review and may be revised based on that review.

  - The MCP GW-3 standards were not exceeded in any of the other groundwater sample results received in November 2011.

ITEM 24A
(cont'd)
GROUNDWATER MANAGEMENT AREAS
ON-PLANT CONSOLIDATION AREAS
POST-CLOSURE PROGRAM
NOVEMBER 2011

c. Work Plans/Reports/Documents Submitted

None

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

Complete well maintenance and/or survey activities identified during the fall 2011 monitoring event.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

TABLE 24A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING NOVEMBER 2011

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
OPCA Post-Closure Groundwater	78-1	10/19/11	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	11/10/11
OPCA Post-Closure Groundwater	78-6	10/19/11	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	11/10/11
OPCA Post-Closure Groundwater	GMA4-6	10/18/11	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	11/7/11
OPCA Post-Closure Groundwater	H78B-15	10/20/11	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	11/10/11
OPCA Post-Closure Groundwater	OPCA-DUP 101811 (GMA4-6)	10/18/11	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	11/7/11
OPCA Post-Closure Groundwater	OPCA-MW-1RR	10/18/11	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	11/7/11
OPCA Post-Closure Groundwater	OPCA-MW-2R	10/13/11	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	11/10/11
OPCA Post-Closure Groundwater	OPCA-MW-3	10/19/11	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	11/10/11
OPCA Post-Closure Groundwater	OPCA-MW-4	10/13/11	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	11/10/11
OPCA Post-Closure Groundwater	OPCA-MW-5R	10/18/11	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	11/7/11
OPCA Post-Closure Groundwater	OPCA-MW-6	10/20/11	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	11/10/11
OPCA Post-Closure Groundwater	OPCA-MW-7	10/12/11	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	11/7/11
OPCA Post-Closure Groundwater	OPCA-MW-8R	10/13/11	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), Sulfide, PAC CN (f), PCDD/PCDF	11/10/11
Purge Water from OPCA Wells	B2454	11/16/11	Water	SGS	PCB, VOC, SVOC, Metals (excludes Mercury)	11/30/2011

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

TABLE 24A-2
DATA RECEIVED DURING NOVEMBER 2011

OPCA POST-CLOSURE 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 10/19/11	78-6 10/19/11	GMA4-6 10/18/11
Volatile Organics			
Acetone	0.0012 J	0.0015 J	0.0012 J [0.0013 J]
Benzene	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Chlorobenzene	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Chloroform	ND(0.0010)	ND(0.0010)	0.00040 J [0.00040 J]
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	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Total VOCs	0.0012 J	0.0015 J	0.0016 J [0.0017 J]
PCBs-Filtered			
Aroclor-1254	ND(0.000068)	ND(0.000073)	ND(0.000072) [ND(0.000076)]
Total PCBs	ND(0.000068)	ND(0.000073)	ND(0.000072) [ND(0.000076)]
Semivolatile Organics			
1,2,4-Trichlorobenzene	ND(0.0054)	ND(0.0055)	ND(0.0051) [ND(0.0056)]
1,4-Dichlorobenzene	ND(0.0054)	ND(0.0055)	ND(0.0051) [ND(0.0056)]
Furans			
2,3,7,8-TCDF	ND(0.0000000025)	ND(0.0000000028)	ND(0.0000000011) [ND(0.0000000012)]
TCDFs (total)	0.000000013	ND(0.0000000028)	ND(0.0000000011) [ND(0.0000000012)]
1,2,3,7,8-PeCDF	ND(0.0000000011)	ND(0.0000000013)	ND(0.00000000076) [ND(0.00000000097)]
2,3,4,7,8-PeCDF	ND(0.0000000011)	ND(0.0000000013)	ND(0.00000000073) [ND(0.00000000094)]
PeCDFs (total)	ND(0.0000000011)	ND(0.0000000013)	ND(0.00000000076) [ND(0.00000000097)]
1,2,3,4,7,8-HxCDF	ND(0.0000000011)	ND(0.0000000011)	ND(0.00000000065) [ND(0.00000000059)]
1,2,3,6,7,8-HxCDF	ND(0.00000000099)	ND(0.0000000010)	ND(0.00000000062) [ND(0.00000000057)]
1,2,3,7,8,9-HxCDF	ND(0.0000000012)	ND(0.0000000012)	ND(0.00000000074) [ND(0.00000000068)]
2,3,4,6,7,8-HxCDF	ND(0.0000000011)	ND(0.0000000011)	ND(0.00000000065) [ND(0.00000000060)]
HxCDFs (total)	ND(0.0000000012)	ND(0.0000000012)	ND(0.00000000074) [ND(0.00000000068)]
1,2,3,4,6,7,8-HpCDF	ND(0.0000000012)	ND(0.0000000015)	ND(0.00000000083) [ND(0.00000000084)]
1,2,3,4,7,8,9-HpCDF	ND(0.0000000016)	ND(0.0000000019)	ND(0.0000000011) [ND(0.0000000011)]
HpCDFs (total)	ND(0.0000000016)	ND(0.0000000019)	ND(0.0000000011) [ND(0.0000000011)]
OCDF	ND(0.0000000044)	ND(0.0000000060)	ND(0.0000000020) [ND(0.0000000039)]
Dioxins			
2,3,7,8-TCDD	ND(0.0000000023)	ND(0.0000000032)	ND(0.0000000015) [ND(0.0000000019)]
TCDDs (total)	ND(0.0000000023)	ND(0.0000000032)	ND(0.0000000015) [ND(0.0000000019)]
1,2,3,7,8-PeCDD	ND(0.0000000020)	ND(0.0000000020)	ND(0.0000000010) [ND(0.0000000014)]
PeCDDs (total)	ND(0.0000000020)	ND(0.0000000020)	ND(0.0000000010) [ND(0.0000000014)]
1,2,3,4,7,8-HxCDD	ND(0.0000000019)	ND(0.0000000023)	ND(0.00000000087) [ND(0.0000000013)]
1,2,3,6,7,8-HxCDD	ND(0.0000000018)	ND(0.0000000022)	ND(0.00000000092) [ND(0.0000000013)]
1,2,3,7,8,9-HxCDD	ND(0.0000000020)	ND(0.0000000023)	ND(0.00000000092) [ND(0.0000000013)]
HxCDDs (total)	ND(0.0000000020)	ND(0.0000000023)	ND(0.00000000092) [ND(0.0000000013)]
1,2,3,4,6,7,8-HpCDD	ND(0.0000000034)	ND(0.0000000040)	ND(0.0000000017) [ND(0.0000000023)]
HpCDDs (total)	ND(0.0000000034)	ND(0.0000000040)	ND(0.0000000017) [ND(0.0000000023)]
OCDD	ND(0.0000000061)	ND(0.0000000066)	ND(0.0000000034) [ND(0.0000000026)]
Total TEQs (WHO TEFs)	0.0000000031	0.0000000037	0.0000000018 [0.0000000023]
Inorganics-Unfiltered			
Sulfide	ND(1.00)	ND(1.00)	ND(1.00) [ND(1.00)]
Inorganics-Filtered			
Antimony	ND(0.0400)	ND(0.0400)	ND(0.0400) [ND(0.0400)]
Barium	0.0462 B	0.0805 B	0.0520 B [0.0117 B]
Cadmium	0.000640 B	ND(0.00100)	0.0000600 B [0.0000600 B]
Chromium	0.00182 B	ND(0.0100)	0.00793 B [ND(0.0100)]
Cobalt	ND(0.0100)	ND(0.0100)	0.00354 B [ND(0.0100)]
Copper	ND(0.0100)	0.00134 B	0.00881 B [0.00277 B]
Lead	ND(0.0100)	ND(0.0100)	0.00899 B [ND(0.0100)]
Mercury	0.0000410 B	ND(0.000150)	0.0000355 B [0.0000371 B]
Nickel	0.00377 B	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Selenium	ND(0.0200)	ND(0.0200)	ND(0.0200) [0.00415 B]
Tin	ND(0.100)	ND(0.100)	ND(0.100) [ND(0.100)]
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500) [ND(0.0500)]
Zinc	0.0130 B	0.00275 B	0.00842 B [0.00364 B]

TABLE 24A-2
DATA RECEIVED DURING NOVEMBER 2011

OPCA POST-CLOSURE 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 10/20/11	OPCA-MW-1RR 10/18/11	OPCA-MW-2R 10/13/11
Volatile Organics			
Acetone	ND(0.025)	ND(4.0)	0.0014 J
Benzene	ND(0.0010)	ND(0.16)	ND(0.0010)
Chlorobenzene	ND(0.0010)	ND(0.16)	ND(0.0010)
Chloroform	ND(0.0010)	ND(0.16)	ND(0.0010)
Methylene Chloride	ND(0.0050)	ND(0.80)	ND(0.0050)
Tetrachloroethene	ND(0.0010)	2.2	ND(0.0010)
Trichloroethene	ND(0.0010)	0.022 J	ND(0.0010)
Vinyl Chloride	ND(0.0010)	ND(0.16)	ND(0.0010)
Total VOCs	ND(0.10)	2.2	0.0014 J
PCBs-Filtered			
Aroclor-1254	ND(0.000067)	ND(0.000067)	ND(0.000062)
Total PCBs	ND(0.000067)	ND(0.000067)	ND(0.000062)
Semivolatile Organics			
1,2,4-Trichlorobenzene	ND(0.0052)	ND(0.0050)	ND(0.0047)
1,4-Dichlorobenzene	ND(0.0052)	ND(0.0050)	ND(0.0047)
Furans			
2,3,7,8-TCDF	ND(0.0000000013)	ND(0.0000000015)	ND(0.00000000068)
TCDFs (total)	ND(0.0000000013)	ND(0.0000000015)	ND(0.00000000068)
1,2,3,7,8-PeCDF	ND(0.00000000078)	ND(0.00000000090)	ND(0.00000000051)
2,3,4,7,8-PeCDF	ND(0.00000000078)	ND(0.00000000087)	ND(0.00000000049)
PeCDFs (total)	ND(0.00000000078)	ND(0.00000000090)	ND(0.00000000051)
1,2,3,4,7,8-HxCDF	ND(0.00000000026)	ND(0.00000000064)	ND(0.00000000054)
1,2,3,6,7,8-HxCDF	ND(0.00000000024)	ND(0.00000000061)	ND(0.00000000052)
1,2,3,7,8,9-HxCDF	ND(0.00000000029)	ND(0.00000000073)	ND(0.00000000062)
2,3,4,6,7,8-HxCDF	ND(0.00000000026)	ND(0.00000000064)	ND(0.00000000055)
HxCDFs (total)	ND(0.00000000029)	ND(0.00000000073)	ND(0.00000000062)
1,2,3,4,6,7,8-HpCDF	ND(0.00000000029)	ND(0.0000000012)	ND(0.00000000050)
1,2,3,4,7,8,9-HpCDF	ND(0.00000000037)	ND(0.0000000016)	ND(0.00000000064)
HpCDFs (total)	ND(0.00000000037)	ND(0.0000000016)	ND(0.00000000064)
OCDF	ND(0.0000000012)	ND(0.0000000031)	ND(0.0000000016)
Dioxins			
2,3,7,8-TCDD	ND(0.00000000081)	ND(0.0000000017)	ND(0.00000000087)
TCDDs (total)	ND(0.00000000081)	ND(0.0000000017)	ND(0.00000000087)
1,2,3,7,8-PeCDD	ND(0.00000000046)	ND(0.0000000012)	ND(0.00000000075)
PeCDDs (total)	ND(0.00000000046)	ND(0.0000000012)	ND(0.00000000075)
1,2,3,4,7,8-HxCDD	ND(0.00000000050)	ND(0.0000000017)	ND(0.00000000079)
1,2,3,6,7,8-HxCDD	ND(0.00000000047)	ND(0.0000000018)	ND(0.00000000084)
1,2,3,7,8,9-HxCDD	ND(0.00000000050)	ND(0.0000000019)	ND(0.00000000085)
HxCDDs (total)	ND(0.00000000050)	ND(0.0000000019)	ND(0.00000000085)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000011)	ND(0.0000000039)	ND(0.00000000097)
HpCDDs (total)	ND(0.0000000011)	ND(0.0000000039)	ND(0.00000000097)
OCDD	ND(0.0000000010)	ND(0.0000000025)	ND(0.0000000019)
Total TEQs (WHO TEFs)	0.0000000010	0.0000000022	0.0000000012
Inorganics-Unfiltered			
Sulfide	ND(1.00)	ND(1.00)	ND(1.00)
Inorganics-Filtered			
Antimony	ND(0.0400)	0.00327 B	ND(0.0400)
Barium	0.00452 B	0.120	0.0141 B
Cadmium	ND(0.00100)	ND(0.00100)	ND(0.00100)
Chromium	ND(0.0100)	0.00688 B	ND(0.0100)
Cobalt	ND(0.0100)	0.00526 B	ND(0.0100)
Copper	0.00273 B	0.00877 B	0.00289 B
Lead	ND(0.0100)	0.00854 B	ND(0.0100)
Mercury	ND(0.000150)	0.0000373 B	ND(0.000150)
Nickel	ND(0.0100)	0.00328 B	ND(0.0100)
Selenium	0.00388 B	0.00297 B	0.00272 B
Tin	ND(0.100)	ND(0.100)	ND(0.100)
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	ND(0.0200)	0.00941 B	0.00435 B

TABLE 24A-2
DATA RECEIVED DURING NOVEMBER 2011

OPCA POST-CLOSURE 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-3 10/19/11	OPCA-MW-4 10/13/11	OPCA-MW-5R 10/18/11
Volatile Organics			
Acetone	0.0013 J	0.0014 J	0.0024 J
Benzene	ND(0.0010)	ND(0.0010)	0.00042 J
Chlorobenzene	ND(0.0010)	0.00040 J	0.012
Chloroform	ND(0.0010)	ND(0.0010)	ND(0.0010)
Methylene Chloride	0.00022 J	ND(0.0050)	ND(0.0050)
Tetrachloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichloroethene	ND(0.0010)	0.0013	ND(0.0010)
Vinyl Chloride	ND(0.0010)	ND(0.0010)	0.00045 J
Total VOCs	0.0015 J	0.0031 J	0.015 J
PCBs-Filtered			
Aroclor-1254	ND(0.000064)	0.00013	ND(0.000063)
Total PCBs	ND(0.000064)	0.00013	ND(0.000063)
Semivolatile Organics			
1,2,4-Trichlorobenzene	ND(0.0050)	0.0053	ND(0.0053)
1,4-Dichlorobenzene	ND(0.0050)	ND(0.0051)	0.0018 J
Furans			
2,3,7,8-TCDF	ND(0.0000000017)	ND(0.0000000030)	ND(0.00000000094)
TCDFs (total)	ND(0.0000000017)	0.000000060	ND(0.00000000094)
1,2,3,7,8-PeCDF	ND(0.00000000074)	ND(0.0000000015)	ND(0.00000000086) X
2,3,4,7,8-PeCDF	ND(0.00000000074)	ND(0.0000000014)	ND(0.00000000039)
PeCDFs (total)	ND(0.00000000074)	0.000000021 J	ND(0.00000000039)
1,2,3,4,7,8-HxCDF	ND(0.00000000078)	ND(0.00000000057)	ND(0.0000000017) X
1,2,3,6,7,8-HxCDF	ND(0.00000000072)	ND(0.00000000052)	ND(0.00000000046)
1,2,3,7,8,9-HxCDF	ND(0.00000000086)	ND(0.00000000062)	ND(0.00000000055)
2,3,4,6,7,8-HxCDF	ND(0.00000000076)	ND(0.00000000055)	ND(0.00000000049)
HxCDFs (total)	ND(0.00000000086)	0.0000000043 J	ND(0.00000000049)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000010)	ND(0.00000000042)	ND(0.00000000041)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000013)	ND(0.00000000053)	ND(0.00000000052)
HpCDFs (total)	ND(0.0000000013)	ND(0.00000000053)	ND(0.00000000052)
OCDF	ND(0.0000000036)	ND(0.0000000014)	ND(0.0000000012)
Dioxins			
2,3,7,8-TCDD	ND(0.0000000018)	ND(0.0000000012)	ND(0.00000000066)
TCDDs (total)	ND(0.0000000018)	ND(0.0000000012)	ND(0.00000000066)
1,2,3,7,8-PeCDD	ND(0.0000000011)	ND(0.0000000014)	ND(0.00000000083)
PeCDDs (total)	ND(0.0000000011)	ND(0.0000000014)	ND(0.00000000083)
1,2,3,4,7,8-HxCDD	ND(0.0000000015)	ND(0.00000000093)	ND(0.00000000093)
1,2,3,6,7,8-HxCDD	ND(0.0000000015)	ND(0.00000000088)	ND(0.00000000098)
1,2,3,7,8,9-HxCDD	ND(0.0000000016)	ND(0.00000000093)	ND(0.00000000099)
HxCDDs (total)	ND(0.0000000016)	ND(0.00000000093)	ND(0.00000000096)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000025)	ND(0.00000000082)	ND(0.0000000013)
HpCDDs (total)	ND(0.0000000025)	ND(0.00000000082)	ND(0.0000000013)
OCDD	ND(0.0000000044)	ND(0.0000000015)	ND(0.00000000094)
Total TEQs (WHO TEFs)	0.0000000021	0.0000000021	0.0000000012
Inorganics-Unfiltered			
Sulfide	ND(1.00)	ND(1.00)	ND(1.00)
Inorganics-Filtered			
Antimony	ND(0.0400)	ND(0.0400)	ND(0.0400)
Barium	0.0653 B	0.0244 B	0.0791 B
Cadmium	0.000120 B	ND(0.00100)	ND(0.00100)
Chromium	ND(0.0100)	ND(0.0100)	0.00780 B
Cobalt	ND(0.0100)	ND(0.0100)	0.00553 B
Copper	0.00326 B	0.00363 B	0.00940 B
Lead	ND(0.0100)	ND(0.0100)	0.0106
Mercury	0.0000383 B	0.0000358 B	0.0000356 B
Nickel	ND(0.0100)	ND(0.0100)	0.00440 B
Selenium	ND(0.0200)	ND(0.0200)	ND(0.0200)
Tin	ND(0.100)	0.0174 B	ND(0.100)
Vanadium	ND(0.0500)	ND(0.0500)	0.00627 B
Zinc	ND(0.0200)	0.0423	0.0106 B

TABLE 24A-2
DATA RECEIVED DURING NOVEMBER 2011

OPCA POST-CLOSURE 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-6 10/20/11	OPCA-MW-7 10/12/11	OPCA-MW-8R 10/13/11
Volatile Organics			
Acetone	ND(0.025)	ND(0.025)	0.0023 J
Benzene	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)
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)
Total VOCs	ND(0.10)	ND(0.10)	0.0023 J
PCBs-Filtered			
Aroclor-1254	0.000027 J	ND(0.000067)	ND(0.000070)
Total PCBs	0.000027 J	ND(0.000067)	ND(0.000070)
Semivolatile Organics			
1,2,4-Trichlorobenzene	ND(0.0051)	ND(0.0053)	ND(0.0050)
1,4-Dichlorobenzene	ND(0.0051)	ND(0.0053)	ND(0.0050)
Furans			
2,3,7,8-TCDF	ND(0.0000000030)	ND(0.00000000071)	ND(0.0000000011)
TCDFs (total)	0.000000016	ND(0.00000000071)	ND(0.0000000011)
1,2,3,7,8-PeCDF	ND(0.0000000012)	ND(0.0000000015)	ND(0.0000000035)
2,3,4,7,8-PeCDF	ND(0.0000000012)	ND(0.0000000015)	ND(0.0000000034)
PeCDFs (total)	ND(0.0000000012)	ND(0.0000000015)	ND(0.0000000035)
1,2,3,4,7,8-HxCDF	ND(0.0000000012)	ND(0.0000000040) X	ND(0.00000000042)
1,2,3,6,7,8-HxCDF	ND(0.0000000011)	ND(0.0000000043) X	ND(0.00000000038)
1,2,3,7,8,9-HxCDF	ND(0.0000000014)	ND(0.0000000041) X	ND(0.00000000046)
2,3,4,6,7,8-HxCDF	ND(0.0000000012)	ND(0.0000000035) X	ND(0.00000000040)
HxCDFs (total)	ND(0.0000000014)	ND(0.0000000013)	ND(0.00000000046)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000012)	0.0000000044 J	ND(0.00000000043)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000016)	ND(0.0000000037) X	ND(0.00000000055)
HpCDFs (total)	ND(0.0000000016)	0.0000000080 J	ND(0.00000000055)
OCDF	ND(0.0000000039)	ND(0.0000000015)	ND(0.0000000015)
Dioxins			
2,3,7,8-TCDD	ND(0.0000000023)	ND(0.00000000075)	ND(0.0000000012)
TCDDs (total)	ND(0.0000000023)	ND(0.00000000075)	ND(0.0000000012)
1,2,3,7,8-PeCDD	ND(0.0000000017)	ND(0.0000000017)	ND(0.0000000062)
PeCDDs (total)	ND(0.0000000017)	ND(0.0000000017)	ND(0.0000000062)
1,2,3,4,7,8-HxCDD	ND(0.0000000023)	ND(0.0000000015)	ND(0.00000000057)
1,2,3,6,7,8-HxCDD	ND(0.0000000022)	ND(0.0000000016)	ND(0.00000000054)
1,2,3,7,8,9-HxCDD	ND(0.0000000023)	ND(0.0000000016)	ND(0.00000000057)
HxCDDs (total)	ND(0.0000000023)	ND(0.0000000016)	ND(0.00000000057)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000031)	ND(0.0000000013)	ND(0.0000000016)
HpCDDs (total)	ND(0.0000000031)	ND(0.0000000013)	ND(0.0000000016)
OCDD	ND(0.0000000054)	0.0000000089 J	ND(0.0000000016)
Total TEQs (WHO TEFs)	0.0000000031	0.0000000028	0.0000000049
Inorganics-Unfiltered			
Sulfide	ND(1.00)	ND(1.00)	ND(1.00)
Inorganics-Filtered			
Antimony	ND(0.0400)	ND(0.0400)	ND(0.0400)
Barium	0.00343 B	0.0539 B	0.0130 B
Cadmium	0.000240 B	0.000460 B	ND(0.00100)
Chromium	ND(0.0100)	0.00793 B	ND(0.0100)
Cobalt	ND(0.0100)	0.00485 B	ND(0.0100)
Copper	0.00146 B	0.00813 B	0.00267 B
Lead	ND(0.0100)	0.0113	ND(0.0100)
Mercury	ND(0.000150)	0.0000220 B	ND(0.000150)
Nickel	ND(0.0100)	0.00335 B	ND(0.0100)
Selenium	ND(0.0200)	0.00532 B	ND(0.0200)
Tin	ND(0.100)	ND(0.100)	ND(0.100)
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	0.00630 B	0.0263	0.00336 B

TABLE 24A-2
DATA RECEIVED DURING NOVEMBER 2011

OPCA POST-CLOSURE 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. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. 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.
5. With the exception of dioxin/furans and sulfide only those constituents detected in one or more samples are summarized.
6. Sulfide is the only inorganic constituent which was submitted for analysis using an unfiltered sample.
7. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles,dioxin/furans)
J - Indicates an estimated value less than the practical quantitation limit (PQL).
X - Estimated maximum possible concentration.

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

TABLE 24A-3
DATA RECEIVED DURING NOVEMBER 2011

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

Parameter / Sample ID: / Date Collected:	B2454 11/16/11
Volatile Organics	
Bromoform	0.0013
Dibromochloromethane	0.00097 J
PCBs-Unfiltered	
Aroclor-1254	0.00068
Total PCBs	0.00068
Semivolatile Organics	
None Detected	--
Inorganics-Unfiltered	
Barium	0.0224 B
Cadmium	0.00377 B
Chromium	0.00707 B
Lead	0.0174
Silver	0.00244 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:

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

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

Attachment A

NPDES Sampling Records
and Results – November 2011

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

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	005-4Q2M-1X-CP	11/7/11	Water	SGS	PCB	11/16/11
NPDES Sampling	005-4Q2M-1X-CT	11/7/11	Water	Columbia	TSS	11/16/11
NPDES Sampling	005-4Q2M-1X-GO	11/7/11	Water	Columbia	Oil & Grease	11/15/11
NPDES Sampling	005-4Q2M-2X-CP	11/14/11	Water	SGS	PCB	11/22/11
NPDES Sampling	005-4Q2M-2X-CT	11/14/11	Water	Columbia	TSS	11/22/11
NPDES Sampling	005-4Q2M-2X-GO	11/14/11	Water	Columbia	Oil & Grease	11/22/11
NPDES Sampling	005W-4Q-2X-GO	11/14/11	Water	Columbia	Oil & Grease	11/29/11
NPDES Sampling	005W-4Q-4X-CP	11/15/11	Water	SGS	PCB	11/23/11
NPDES Sampling	005W-4Q-4X-CT	11/15/11	Water	Columbia	TSS	11/29/11
NPDES Sampling	006D-4Q1M-2X-CT	10/24/11	Water	Columbia	TSS	11/3/11
NPDES Sampling	006D-4Q2M-1X-CP	11/8/11	Water	SGS	PCB	11/16/11
NPDES Sampling	006D-4Q2M-1X-CT	11/8/11	Water	Columbia	TSS	11/18/11
NPDES Sampling	006D-4Q2M-1X-GO	11/7/11	Water	Columbia	Oil & Grease	11/15/11
NPDES Sampling	006D-4Q2M-1X-GS	11/7/11	Water	Columbia	SVOC	11/16/11
NPDES Sampling	006D-4Q2M-1X-GV	11/7/11	Water	Columbia	VOC	11/16/11
NPDES Sampling	006D-4Q2M-2X-CP	11/19/11	Water	SGS	PCB	11/30/11
NPDES Sampling	006D-4Q2M-2X-CT	11/19/11	Water	Columbia	TSS	
NPDES Sampling	006D-4Q2M-2X-GO	11/18/11	Water	Columbia	Oil & Grease	
NPDES Sampling	006D-4Q2M-2X-GS	11/14/11	Water	Columbia	SVOC	11/29/11
NPDES Sampling	006D-4Q2M-2X-GV	11/14/11	Water	Columbia	VOC	11/29/11
NPDES Sampling	006W-4Q-2X-GO	11/15/11	Water	Columbia	Oil & Grease	11/29/11
NPDES Sampling	006W-4Q-4X-CP	11/15/11	Water	SGS	PCB	11/23/11
NPDES Sampling	006W-4Q-4X-CT	11/15/11	Water	Columbia	TSS	11/29/11
NPDES Sampling	009D-4Q1M-1X-CT-RS	10/23/11	Water	Columbia	TSS	11/3/11
NPDES Sampling	009D-4Q1M-1X-GO-RS	10/22/11	Water	Columbia	Oil & Grease	11/3/11
NPDES Sampling	009D-4Q1M-2X-CT	10/24/11	Water	Columbia	TSS	11/3/11
NPDES Sampling	009D-4Q1M-2X-GO	10/23/11	Water	Columbia	Oil & Grease	11/3/11
NPDES Sampling	009D-4Q2M-1X-CP	11/8/11	Water	SGS	PCB	11/16/11
NPDES Sampling	009D-4Q2M-1X-CT	11/8/11	Water	Columbia	TSS	11/18/11
NPDES Sampling	009D-4Q2M-1X-GO	11/7/11	Water	Columbia	Oil & Grease	11/15/11
NPDES Sampling	009D-4Q2M-2X-CP	11/19/11	Water	SGS	PCB	11/30/11
NPDES Sampling	009D-4Q2M-2X-CT	11/19/11	Water	Columbia	TSS	
NPDES Sampling	009D-4Q2M-2X-GO	11/18/11	Water	Columbia	Oil & Grease	
NPDES Sampling	009W-4Q-2X-CP	10/19/11	Water	SGS	PCB	11/3/11
NPDES Sampling	009W-4Q-3X-CP	10/27/11	Water	SGS	PCB	11/3/11
NPDES Sampling	009W-4Q-3X-CT	10/27/11	Water	Columbia	TSS	11/3/11
NPDES Sampling	05AD-4Q1M-2X-CP	10/19/11	Water	SGS	PCB	11/3/11
NPDES Sampling	05AD-4Q2M-1X-CP	11/8/11	Water	SGS	PCB	11/16/11
NPDES Sampling	05AD-4Q2M-1X-CT	11/8/11	Water	Columbia	TSS	11/18/11
NPDES Sampling	05AD-4Q2M-1X-GO	11/7/11	Water	Columbia	Oil & Grease	11/15/11
NPDES Sampling	05AD-4Q2M-2X-CP	11/19/11	Water	SGS	PCB	11/30/11

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

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	05AD-4Q2M-2X-CT	11/19/11	Water	Columbia	TSS	
NPDES Sampling	05AD-4Q2M-2X-GO	11/18/11	Water	Columbia	Oil & Grease	
NPDES Sampling	05AW-4Q-1X-GO	10/24/11	Water	Columbia	Oil & Grease	11/3/11
NPDES Sampling	05AW-4Q-2X-GO	11/14/11	Water	Columbia	Oil & Grease	11/29/11
NPDES Sampling	05AW-4Q-3X-CP	11/15/11	Water	SGS	PCB	11/23/11
NPDES Sampling	05AW-4Q-3X-CT	10/25/11	Water	Columbia	TSS	11/3/11
NPDES Sampling	05AW-4Q-4X-CT	11/15/11	Water	Columbia	TSS	11/29/11
NPDES Sampling	09B-4Q-2X-CP	11/16/11	Water	SGS	PCB	11/22/11
NPDES Sampling	09B-4Q-2X-CT	11/16/11	Water	Columbia	TSS	
NPDES Sampling	64G-4Q2M-1X-CP	11/7/11	Water	SGS	PCB	11/16/11
NPDES Sampling	64G-4Q2M-1X-CT	11/7/11	Water	Columbia	TSS	11/15/11
NPDES Sampling	64G-4Q2M-1X-GO	11/7/11	Water	Columbia	Oil & Grease	11/15/11
NPDES Sampling	64G-4Q2M-1X-GS	11/7/11	Water	Columbia	SVOC	11/16/11
NPDES Sampling	64G-4Q2M-1X-GV	11/7/11	Water	Columbia	VOC	11/16/11
NPDES Sampling	64G-4Q2M-2X-CP	11/14/11	Water	SGS	PCB	11/22/11
NPDES Sampling	64G-4Q2M-2X-CT	11/14/11	Water	Columbia	TSS	11/22/11
NPDES Sampling	64G-4Q2M-2X-GO	11/14/11	Water	Columbia	Oil & Grease	11/22/11
NPDES Sampling	64G-4Q2M-2X-GS	11/14/11	Water	Columbia	SVOC	11/29/11
NPDES Sampling	64G-4Q2M-2X-GV	11/14/11	Water	Columbia	VOC	11/29/11
NPDES Sampling	64T-4Q2M-2X-GO	11/18/11	Water	Columbia	Oil & Grease	
NPDES Sampling	64TD-4Q2M-1X-CP	11/8/11	Water	SGS	PCB	11/16/11
NPDES Sampling	64TD-4Q2M-1X-CT	11/8/11	Water	Columbia	TSS	11/18/11
NPDES Sampling	64TD-4Q2M-1X-GO	11/7/11	Water	Columbia	Oil & Grease	11/15/11
NPDES Sampling	64TD-4Q2M-2X-CP	11/19/11	Water	SGS	PCB	11/30/11
NPDES Sampling	64TD-4Q2M-2X-CT	11/19/11	Water	Columbia	TSS	
Roll-Off Box Wipe Sampling	DRT1189-W1	11/22/11	Wipe	SGS	PCB	11/28/11
Roll-Off Box Wipe Sampling	DRT1189-W2	11/22/11	Wipe	SGS	PCB	11/28/11
Roll-Off Box Wipe Sampling	DRT1189-W3	11/22/11	Wipe	SGS	PCB	11/28/11
Roll-Off Box Wipe Sampling	DRT1189-W4	11/22/11	Wipe	SGS	PCB	11/28/11
Roll-Off Box Wipe Sampling	DRT1189-W5	11/22/11	Wipe	SGS	PCB	11/28/11
Roll-Off Box Wipe Sampling	DRT1189-W6	11/22/11	Wipe	SGS	PCB	11/28/11
Roll-Off Box Wipe Sampling	DRT1189-W7	11/22/11	Wipe	SGS	PCB	11/28/11
Roll-Off Box Wipe Sampling	DRT1189-W8	11/22/11	Wipe	SGS	PCB	11/28/11

TABLE A-2
DATA RECEIVED DURING NOVEMBER 2011

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

Parameter / Sample ID: / Date Collected:	005-4Q2M-1X-CP 11/07/11	005-4Q2M-1X-CT 11/07/11	005-4Q2M-1X-GO 11/07/11	005-4Q2M-2X-CP 11/14/11	005-4Q2M-2X-CT 11/14/11	005-4Q2M-2X-GO 11/14/11
Volatile Organics						
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered						
Aroclor-1248	ND(0.000015)	NA	NA	ND(0.000016)	NA	NA
Aroclor-1254	0.0000064 J^2	NA	NA	ND(0.000016)	NA	NA
Aroclor-1260	ND(0.000015)	NA	NA	ND(0.000016)	NA	NA
Total PCBs	0.0000064 J^2	NA	NA	ND(0.000016)	NA	NA
Semivolatile Organics						
None Detected	NA	NA	NA	NA	NA	NA
Conventionals						
Oil & Grease	NA	NA	ND(4.1)	NA	NA	ND(4.0)
Total Suspended Solids	NA	ND(1.00)	NA	NA	ND(1.00)	NA

TABLE A-2
DATA RECEIVED DURING NOVEMBER 2011

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

Parameter / Sample ID: / Date Collected:	05AD-4Q1M-2X-CP 10/19/11	05AD-4Q2M-1X-CP 11/08/11	05AD-4Q2M-1X-CT 11/08/11	05AD-4Q2M-1X-GO 11/07/11	05AD-4Q2M-2X-CP 11/19/11	05AW-4Q-1X-GO 10/24/11
Volatile Organics						
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered						
Aroclor-1248	0.00032	0.00013	NA	NA	0.000088	NA
Aroclor-1254	0.00027	0.00037	NA	NA	0.00045	NA
Aroclor-1260	0.00011	0.00091	NA	NA	0.0016	NA
Total PCBs	0.00070	0.00141	NA	NA	0.00214	NA
Semivolatile Organics						
None Detected	NA	NA	NA	NA	NA	NA
Conventionals						
Oil & Grease	NA	NA	NA	ND(4.2)	NA	ND(4.1)
Total Suspended Solids	NA	NA	7.00	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING NOVEMBER 2011

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

Parameter / Sample ID: / Date Collected:	05AW-4Q-2X-GO 11/14/11	05AW-4Q-3X-CP 11/15/11	05AW-4Q-3X-CT 10/25/11	05AW-4Q-4X-CT 11/15/11	005W-4Q-2X-GO 11/14/11	005W-4Q-4X-CP 11/15/11
Volatile Organics						
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered						
Aroclor-1248	NA	0.00013 J[2]	NA	NA	NA	0.000032
Aroclor-1254	NA	0.00065	NA	NA	NA	0.000024
Aroclor-1260	NA	0.0021	NA	NA	NA	0.000032
Total PCBs	NA	0.00288	NA	NA	NA	0.000088
Semivolatile Organics						
None Detected	NA	NA	NA	NA	NA	NA
Conventionals						
Oil & Grease	ND(4.1)	NA	NA	NA	ND(4.0)	NA
Total Suspended Solids	NA	NA	1.70	13.0	NA	NA

TABLE A-2
DATA RECEIVED DURING NOVEMBER 2011

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

Parameter / Sample ID: / Date Collected:	005W-4Q-4X-CT 11/15/11	006D-4Q1M-2X-CT 10/24/11	006D-4Q2M-1X-CP 11/08/11	006D-4Q2M-1X-CT 11/08/11	006D-4Q2M-1X-GO 11/07/11	006D-4Q2M-1X-GS 11/07/11
Volatile Organics						
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered						
Aroclor-1248	NA	NA	ND(0.000015)	NA	NA	NA
Aroclor-1254	NA	NA	0.000021	NA	NA	NA
Aroclor-1260	NA	NA	0.000029	NA	NA	NA
Total PCBs	NA	NA	0.000050	NA	NA	NA
Semivolatile Organics						
None Detected	NA	NA	NA	NA	NA	--
Conventionals						
Oil & Grease	NA	NA	NA	NA	ND(4.1)	NA
Total Suspended Solids	ND(1.00)	3.20	NA	4.70	NA	NA

TABLE A-2
DATA RECEIVED DURING NOVEMBER 2011

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

Parameter / Sample ID: / Date Collected:	006D-4Q2M-1X-GV 11/07/11	006D-4Q2M-2X-CP 11/19/11	006D-4Q2M-2X-GS 11/14/11	006D-4Q2M-2X-GV 11/14/11	006W-4Q-2X-GO 11/15/11	006W-4Q-4X-CP 11/15/11
Volatile Organics						
1,1,1-Trichloroethane	ND(0.0010)	NA	NA	ND(0.0010)	NA	NA
1,1-Dichloroethane	ND(0.0010)	NA	NA	ND(0.0010)	NA	NA
1,4-Dichlorobenzene	0.00048 J[1]	NA	NA	0.00027 J[1]	NA	NA
Chloroethane	ND(0.0010)	NA	NA	ND(0.0010)	NA	NA
Vinyl Chloride	ND(0.0010)	NA	NA	ND(0.0010)	NA	NA
PCBs-Unfiltered						
Aroclor-1248	NA	ND(0.000015)	NA	NA	NA	0.000040
Aroclor-1254	NA	0.000041	NA	NA	NA	0.000091
Aroclor-1260	NA	0.000074	NA	NA	NA	0.00014
Total PCBs	NA	0.000115	NA	NA	NA	0.000271
Semivolatile Organics						
None Detected	NA	NA	--	NA	NA	NA
Conventionals						
Oil & Grease	NA	NA	NA	NA	ND(4.0)	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING NOVEMBER 2011

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

Parameter / Sample ID: / Date Collected:	006W-4Q-4X-CT 11/15/11	09B-4Q-2X-CP 11/16/11	009D-4Q1M-1X-CT-RS 10/23/11	009D-4Q1M-1X-GO-RS 10/22/11	009D-4Q1M-2X-CT 10/24/11
Volatile Organics					
1,1,1-Trichloroethane	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA
PCBs-Unfiltered					
Aroclor-1248	NA	ND(0.000016)	NA	NA	NA
Aroclor-1254	NA	0.000017	NA	NA	NA
Aroclor-1260	NA	ND(0.000016)	NA	NA	NA
Total PCBs	NA	0.000017	NA	NA	NA
Semivolatile Organics					
None Detected	NA	NA	NA	NA	NA
Conventionals					
Oil & Grease	NA	NA	NA	ND(4.4)	NA
Total Suspended Solids	29.5	NA	8.20	NA	11.0

TABLE A-2
DATA RECEIVED DURING NOVEMBER 2011

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

Parameter / Sample ID: / Date Collected:	009D-4Q1M-2X-GO 10/23/11	009D-4Q2M-1X-CP 11/08/11	009D-4Q2M-1X-CT 11/08/11	009D-4Q2M-1X-GO 11/07/11	009D-4Q2M-2X-CP 11/19/11	009W-4Q-2X-CP 10/19/11
Volatile Organics						
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered						
Aroclor-1248	NA	ND(0.000016)	NA	NA	ND(0.000015)	0.000023
Aroclor-1254	NA	0.000017	NA	NA	0.000035	0.000026
Aroclor-1260	NA	0.0000083 J[2]	NA	NA	ND(0.000015)	0.000028
Total PCBs	NA	0.0000253	NA	NA	0.000035	0.000077
Semivolatile Organics						
None Detected	NA	NA	NA	NA	NA	NA
Conventionals						
Oil & Grease	ND(4.1)	NA	NA	ND(4.0)	NA	NA
Total Suspended Solids	NA	NA	45.4	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING NOVEMBER 2011

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

Parameter / Sample ID: / Date Collected:	009W-4Q-3X-CP 10/27/11	009W-4Q-3X-CT 10/27/11	64G-4Q2M-1X-CP 11/07/11	64G-4Q2M-1X-CT 11/07/11	64G-4Q2M-1X-GO 11/07/11	64G-4Q2M-1X-GS 11/07/11
Volatile Organics						
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered						
Aroclor-1248	ND(0.000017)	NA	ND(0.000015)	NA	NA	NA
Aroclor-1254	ND(0.000017)	NA	ND(0.000015)	NA	NA	NA
Aroclor-1260	ND(0.000017)	NA	ND(0.000015)	NA	NA	NA
Total PCBs	ND(0.000017)	NA	ND(0.000015)	NA	NA	NA
Semivolatile Organics						
None Detected	NA	NA	NA	NA	NA	--
Conventionals						
Oil & Grease	NA	NA	NA	NA	ND(4.1)	NA
Total Suspended Solids	NA	4.20	NA	ND(1.00)	NA	NA

TABLE A-2
DATA RECEIVED DURING NOVEMBER 2011

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

Parameter / Sample ID: / Date Collected:	64G-4Q2M-1X-GV 11/07/11	64G-4Q2M-2X-CP 11/14/11	64G-4Q2M-2X-CT 11/14/11	64G-4Q2M-2X-GO 11/14/11	64G-4Q2M-2X-GS 11/14/11	64G-4Q2M-2X-GV 11/14/11
Volatile Organics						
1,1,1-Trichloroethane	0.00024 J[1]	NA	NA	NA	NA	0.00027 J[1]
1,1-Dichloroethane	0.00080 J[1]	NA	NA	NA	NA	0.00061 J[1]
1,4-Dichlorobenzene	ND(0.0010)	NA	NA	NA	NA	ND(0.0010)
Chloroethane	0.00094 J[1]	NA	NA	NA	NA	0.00066 J[1]
Vinyl Chloride	0.00029 J[1]	NA	NA	NA	NA	0.00024 J[1]
PCBs-Unfiltered						
Aroclor-1248	NA	ND(0.000015)	NA	NA	NA	NA
Aroclor-1254	NA	0.0000051 J[2]	NA	NA	NA	NA
Aroclor-1260	NA	ND(0.000015)	NA	NA	NA	NA
Total PCBs	NA	0.0000051 J[2]	NA	NA	NA	NA
Semivolatile Organics						
None Detected	NA	NA	NA	NA	--	NA
Conventionals						
Oil & Grease	NA	NA	NA	ND(4.0)	NA	NA
Total Suspended Solids	NA	NA	ND(1.00)	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING NOVEMBER 2011

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

Parameter / Sample ID: / Date Collected:	64TD-4Q2M-1X-CP 11/08/11	64TD-4Q2M-1X-CT 11/08/11	64TD-4Q2M-1X-GO 11/07/11	64TD-4Q2M-2X-CP 11/19/11
Volatile Organics				
1,1,1-Trichloroethane	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA
PCBs-Unfiltered				
Aroclor-1248	ND(0.000015)	NA	NA	ND(0.000016)
Aroclor-1254	0.000079	NA	NA	0.000057
Aroclor-1260	0.00014	NA	NA	0.000066
Total PCBs	0.000219	NA	NA	0.000123
Semivolatile Organics				
None Detected	NA	NA	NA	NA
Conventionals				
Oil & Grease	NA	NA	ND(4.1)	NA
Total Suspended Solids	NA	ND(1.00)	NA	NA

Notes:

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

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles)

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

J^2 - Indicates an estimated value less than the practical quantitation limit (PQL) - SGS Environmental Services, Inc.

TABLE A-3
PCB DATA RECEIVED DURING NOVEMBER 2011

ROLL-OFF BOX WIPE SAMPLING
NPDES PERMIT MONITORING SAMPLING
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in μg/100cm^2)

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
DRT1189-W1	11/22/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.25 J	0.73 J	0.98 J
DRT1189-W2	11/22/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.24 J	0.66 J	1.9	2.8
DRT1189-W3	11/22/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.47 J	0.47 J
DRT1189-W4	11/22/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.59 J	2.1	8.0	10.7
DRT1189-W5	11/22/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.98 J	1.1	1.5	3.58
DRT1189-W6	11/22/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.15 J	0.82 J	3.5	4.47
DRT1189-W7	11/22/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.24 J	1.1	4.4	5.74
DRT1189-W8	11/22/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.85 J	3.4	4.25

Notes:

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

Data Qualifiers:

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

ARCADIS

Attachment B

NPDES Discharge
Monitoring Reports
October 2011

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	64G-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	10/01/2011	TO	10/31/2011

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	7.10	******	7.40	SU	0	WEEKLY	RECORDR
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	******	******	******	.065 MO AVG	******	Req. Mon. DAILY MX	ug/L		Twice Every Month	COMP24
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.3133	0.3549	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	******	******	******	2.010	******	2.270	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	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		11-16-2011
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 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	10/01/2011	**TO**	10/31/2011

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Flow, total	SAMPLE MEASUREMENT	0.3363	0.3417	MGD	******	******	******	******	0	CONT	RECORDR
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL	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		11-1F-2011
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 64GT FOR TOXICITY; FLOW TOTAL SEE FOOTNOTE 4; 51415 IS REPORT SEMI-VOLITILES.

Attachment E - 64G

Date	Weekly Min - pH	Weekly Max - pH	Oil & Grease MG/L	FN	TSS MG/L	FN	PCB UG/L	FN	VOC	FN	SVOC	FN	Metered Flow - MGD	Rain/Precip Total - In	Rain/Precip Peak - In
10/01/11													0.3400	0.02	0.01
10/02/11	7.10	7.40											0.3380	0.22	0.06
10/03/11			U4.10	1,G	U1.00	1,G	0.0100	C	1.75	G	0	G	0.3417	0.32	0.15
10/04/11													0.3549	0.13	0.08
10/05/11													0.3178	0.06	0.06
10/06/11													0.3439	0.00	0.00
10/07/11													0.3264	0.00	0.00
10/08/11													0.3393	0.00	0.00
10/09/11	7.20	7.40											0.2968	0.00	0.00
10/10/11			U4.10	1,G	U1.00	1,G	0	C	2.27	G	0	G	0.3308	0.00	0.00
10/11/11													0.3410	0.00	0.00
10/12/11													0.3324	0.00	0.00
10/13/11													0.3170	0.07	0.07
10/14/11													0.2902	0.23	0.16
10/15/11													0.2843	0.65	0.28
10/16/11	7.30	7.40											0.3130	0.00	0.00
10/17/11													0.3049	0.06	0.02
10/18/11													0.3497	0.00	0.00
10/19/11													0.3068	0.00	0.00
10/20/11													0.3092	0.18	0.11
10/21/11													0.3003	0.02	0.02
10/22/11													0.3108	0.00	0.00
10/23/11	7.30	7.40											0.3129	0.01	0.01
10/24/11													0.3288	0.00	0.00
10/25/11													0.2923	0.14	0.12
10/26/11													0.3098	0.01	0.01
10/27/11													0.3223	0.28	0.15
10/28/11													0.3249	0.56	0.09
10/29/11													0.2544	0.00	0.00
10/30/11	7.30	7.40											0.2447	0.79	0.14
10/31/11													0.2335	0.00	0.00

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

Columbia Analytical Services
1565 Jefferson Rd, Building 300, Suite 360 | Rochester, NY 14623 | 585-288-5380 | 585-288-8475 fax |

October 13, 2011 Service Request No: R1105511

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 October 5, 2011. For your reference, these analyses have been assigned our service request number **R1105511**.

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7473. 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.:**	R1105511
Project:	NPDES	**Date Received:**	10/5/11
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

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

Volatile Organics

Two preserved VOA samples were archived and only the unpreserved portions were analyzed. All samples were analyzed within the 7 day holding time for unpreserved vials.

No analytical or quality control problems were encountered during analysis.

Extractable Organics

The Duplicate Laboratory Control Sample for Hexachloroethane was outside of the control limits high and has been flagged with a "*". The Laboratory Control Sample was within limits and therefore no data was affected. The RPD for Benzidine, 1,2,4-Trichlorobenzene, Hexachlorobutadiene and Hexachloroethane were outside of the control limits high and have been flagged with a "*".

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

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

Approved by _____ **Date** 10/13/11

CASE NARRATIVE

This report contains analytical results for the following samples:
Service Request Number: R1105511

Lab ID	Client ID
R1105511-001	64G-4Q1M-1X-GV
R1105511-003	64G-4Q1M-1X-GS
R1105511-004	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. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% (25% for CLP) difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
X	See Case Narrative for discussion.

ACCREDITED IN ACCORDANCE WITH nelac

CAS/Rochester Lab ID # for Massachusetts Certification

M-NY032

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

The Commonwealth of Massachusetts

Department of Environmental Protection

Division of Environmental Analysis
Senator William X. Wall Experiment Station

certifies

M-NY032

COLUMBIA ANALYTICAL SERVICES
1565 JEFFERSON RD
BUILDING 300, SUITE 360
ROCHESTER, NY 14623-0000

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 2011**
Expires: **30 JUN 2012**

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 25 AUG 2011

M-NY032 COLUMBIA ANALYTICAL SERVICES
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY) Effective Date 25 AUG 2011 Expiration Date 30 JUN 2012

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

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 25 AUG 2011

M-NY032 COLUMBIA ANALYTICAL SERVICES
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY) Effective Date 25 AUG 2011 Expiration Date 30 JUN 2012

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
POLYCHLORINATED BIPHENYLS (WATEF	EPA 608

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105511
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/ 3/11 0705
Sample Matrix:	Water	**Date Received:**	10/ 5/11
		Date Analyzed:	10/5/11 14:10
Sample Name:	64G-4Q1M-1X-GV	**Units:**	µg/L
Lab Code:	R1105511-001	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	264059
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\100511\K0559.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	**0.19**	J	1.0	0.15	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.15	
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.14	
75-34-3	1,1-Dichloroethane (1,1-DCA)	**0.54**	J	1.0	0.10	
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.17	
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24	
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.19	
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.27	
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.22	
110-75-8	2-Chloroethyl Vinyl Ether	10	U	10	0.45	
107-02-8	Acrolein	10	U	10	2.3	
107-13-1	Acrylonitrile	10	U	10	0.50	
71-43-2	Benzene	1.0	U	1.0	0.14	
75-27-4	Bromodichloromethane	1.0	U	1.0	0.11	
75-25-2	Bromoform	1.0	U	1.0	0.12	
74-83-9	Bromomethane	1.0	U	1.0	0.39	
56-23-5	Carbon Tetrachloride	1.0	U	1.0	0.18	
108-90-7	Chlorobenzene	1.0	U	1.0	0.14	
75-00-3	Chloroethane	**0.78**	J	1.0	0.18	
67-66-3	Chloroform	1.0	U	1.0	0.10	
74-87-3	Chloromethane	1.0	U	1.0	0.28	
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.13	
75-09-2	Methylene Chloride	1.0	U	1.0	0.18	
100-41-4	Ethylbenzene	1.0	U	1.0	0.22	
127-18-4	Tetrachloroethene (PCE)	1.0	U	1.0	0.21	
108-88-3	Toluene	1.0	U	1.0	0.12	
79-01-6	Trichloroethene (TCE)	1.0	U	1.0	0.13	
75-69-4	Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.10	
75-01-4	Vinyl Chloride	**0.24**	J	1.0	0.14	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.10	
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.16	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.14	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105511
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/ 3/11 0705
Sample Matrix:	Water	**Date Received:**	10/ 5/11
		Date Analyzed:	10/5/11 14:10
Sample Name:	64G-4Q1M-1X-GV	**Units:**	Percent
Lab Code:	R1105511-001	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	264059
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\100511\K0559.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	105	79-123	10/5/11 14:10	
4-Bromofluorobenzene	96	79-119	10/5/11 14:10	
Toluene-d8	105	83-120	10/5/11 14:10	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105511
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/3/11
Sample Matrix:	Water	**Date Received:**	10/5/11
		Date Analyzed:	10/5/11 1410

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

Sample Name:	64G-4Q1M-1X-GV	**Units:**	µg/L
Lab Code:	R1105511-001	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105511
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/ 3/11 0710
Sample Matrix:	Water	**Date Received:**	10/ 5/11
		Date Extracted:	10/7/11
		Date Analyzed:	10/11/11 00:57
Sample Name:	64G-4Q1M-1X-GS	**Units:**	µg/L
Lab Code:	R1105511-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	264776
Prep Method:	EPA 3510C	**Extraction Lot:**	143655
Data File Name:	J:\ACQUDATA\5973D\DATA\101011\AH292.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

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

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105511
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/ 3/11 0710
Sample Matrix:	Water	**Date Received:**	10/ 5/11
		Date Extracted:	10/7/11
		Date Analyzed:	10/11/11 00:57
Sample Name:	64G-4Q1M-1X-GS	**Units:**	µg/L
Lab Code:	R1105511-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	264776
Prep Method:	EPA 3510C	**Extraction Lot:**	143655
Data File Name:	J:\ACQUDATA\5973D\DATA\101011\AH292.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

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

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	88	28-157	10/11/11 00:57	
2-Fluorobiphenyl	67	39-119	10/11/11 00:57	
2-Fluorophenol	39	10-105	10/11/11 00:57	
Nitrobenzene-d5	74	37-117	10/11/11 00:57	
Phenol-d6	26	10-107	10/11/11 00:57	
p-Terphenyl-d14	94	40-133	10/11/11 00:57	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105511
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/ 3/11 0730
Sample Matrix:	Water	**Date Received:**	10/ 5/11
		Date Analyzed:	10/5/11 13:34
Sample Name:	TRIP BLANK	**Units:**	µg/L
Lab Code:	R1105511-004	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	264059
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\100511\K0558.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.15	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.15	
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.14	
75-34-3	1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.10	
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.17	
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24	
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.19	
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.27	
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.22	
110-75-8	2-Chloroethyl Vinyl Ether	10	U	10	0.45	
107-02-8	Acrolein	10	U	10	2.3	
107-13-1	Acrylonitrile	10	U	10	0.50	
71-43-2	Benzene	1.0	U	1.0	0.14	
75-27-4	Bromodichloromethane	1.0	U	1.0	0.11	
75-25-2	Bromoform	1.0	U	1.0	0.12	
74-83-9	Bromomethane	1.0	U	1.0	0.39	
56-23-5	Carbon Tetrachloride	1.0	U	1.0	0.18	
108-90-7	Chlorobenzene	1.0	U	1.0	0.14	
75-00-3	Chloroethane	1.0	U	1.0	0.18	
67-66-3	Chloroform	1.0	U	1.0	0.10	
74-87-3	Chloromethane	1.0	U	1.0	0.28	
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.13	
75-09-2	Methylene Chloride	**0.38**	J	1.0	0.18	
100-41-4	Ethylbenzene	1.0	U	1.0	0.22	
127-18-4	Tetrachloroethene (PCE)	1.0	U	1.0	0.21	
108-88-3	Toluene	1.0	U	1.0	0.12	
79-01-6	Trichloroethene (TCE)	1.0	U	1.0	0.13	
75-69-4	Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.10	
75-01-4	Vinyl Chloride	1.0	U	1.0	0.14	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.10	
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.16	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.14	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105511
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/ 3/11 0730
Sample Matrix:	Water	**Date Received:**	10/ 5/11
		Date Analyzed:	10/5/11 13:34
Sample Name:	TRIP BLANK	**Units:**	Percent
Lab Code:	R1105511-004	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	264059
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\100511\K0558.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	101	79-123	10/5/11 13:34	
4-Bromofluorobenzene	95	79-119	10/5/11 13:34	
Toluene-d8	103	83-120	10/5/11 13:34	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105511
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/3/11
Sample Matrix:	Water	**Date Received:**	10/5/11
		Date Analyzed:	10/5/11 1334

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:	R1105511-004	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105511
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	10/5/11 11:32
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1109919-04	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	264059
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\100511\K0555.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

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

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105511
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	10/5/11 11:32
Sample Name:	Method Blank	**Units:**	Percent
Lab Code:	RQ1109919-04	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	264059
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\100511\K0555.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	105	79-123	10/5/11 11:32	
4-Bromofluorobenzene	97	79-119	10/5/11 11:32	
Toluene-d8	103	83-120	10/5/11 11:32	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105511
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	10/5/11 1132

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:	RQ1109919-04	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

Client:	General Electric Company	**Service Request:**	R1105511
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Extracted:	10/7/11
		Date Analyzed:	10/10/11 20:54
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1110015-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	264776
Prep Method:	EPA 3510C	**Extraction Lot:**	143655
Data File Name:	J:\ACQUDATA\5973D\DATA\101011\AH286.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

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

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105511
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Extracted:	10/7/11
		Date Analyzed:	10/10/11 20:54
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1110015-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	264776
Prep Method:	EPA 3510C	**Extraction Lot:**	143655
Data File Name:	J:\ACQUDATA\5973D\DATA\101011\AH286.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

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

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	75	28-157	10/10/11 20:54	
2-Fluorobiphenyl	65	39-119	10/10/11 20:54	
2-Fluorophenol	41	10-105	10/10/11 20:54	
Nitrobenzene-d5	72	37-117	10/10/11 20:54	
Phenol-d6	28	10-107	10/10/11 20:54	
p-Terphenyl-d14	85	40-133	10/10/11 20:54	

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: R1105511
Date Analyzed: 10/ 5/11

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

Analytical Method: 624

Units: µg/L
Basis: NA

Analysis Lot: 264059

Lab Control Sample
RQ1109919-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	17.8	20.0	89	52 - 162
1,1,2,2-Tetrachloroethane	15.9	20.0	79	46 - 157
1,1,2-Trichloroethane	16.2	20.0	81	52 - 150
1,1-Dichloroethane (1,1-DCA)	17.4	20.0	87	59 - 155
1,1-Dichloroethene (1,1-DCE)	17.6	20.0	88	0 - 234
1,2-Dichlorobenzene	17.1	20.0	85	18 - 190
1,2-Dichloroethane	17.0	20.0	85	49 - 155
1,2-Dichloropropane	17.2	20.0	86	0 - 210
1,3-Dichlorobenzene	17.8	20.0	89	59 - 156
1,4-Dichlorobenzene	17.8	20.0	89	18 - 190
2-Chloroethyl Vinyl Ether	11.5	20.0	57	0 - 305
Acrolein	100	100	100	10 - 174
Acrylonitrile	83.0	100	83	61 - 141
Benzene	17.3	20.0	86	37 - 151
Bromodichloromethane	17.5	20.0	87	35 - 155
Bromoform	17.3	20.0	87	45 - 169
Bromomethane	16.3	20.0	81	0 - 242
Carbon Tetrachloride	18.0	20.0	90	70 - 140
Chlorobenzene	16.6	20.0	83	37 - 160
Chloroethane	18.2	20.0	91	14 - 230
Chloroform	17.7	20.0	89	51 - 138
Chloromethane	17.0	20.0	85	0 - 273
Chlorodibromomethane	18.3	20.0	91	53 - 149
Dichlorodifluoromethane (CFC 12)	19.8	20.0	99	47 - 148
Methylene Chloride	16.5	20.0	82	0 - 221
Ethylbenzene	18.0	20.0	90	37 - 162
Tetrachloroethene (PCE)	18.2	20.0	91	64 - 148
Toluene	16.7	20.0	83	47 - 150
Trichloroethene (TCE)	16.8	20.0	84	71 - 157
Trichlorofluoromethane (CFC 11)	20.4	20.0	102	17 - 181
Vinyl Chloride	19.6	20.0	98	0 - 251
cis-1,3-Dichloropropene	15.5	20.0	78	0 - 227

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

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: R1105511
Date Analyzed: 10/ 5/11

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

Analytical Method: 624

Units: µg/L
Basis: NA

Analysis Lot: 264059

Lab Control Sample
RQ1109919-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
trans-1,2-Dichloroethene	16.6	20.0	83	54 - 156
trans-1,3-Dichloropropene	16.5	20.0	82	17 - 183

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

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: R1105511
Date Analyzed: 10/10/11

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 143655

	Lab Control Sample RQ1110015-02			Duplicate Lab Control Sample RQ1110015-03					
Analyte Name	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	59.9	100	60	38.9	100	39	29 - 85	42 *	30
1,2-Diphenylhydrazine	91.1	100	91	90.1	100	90	64 - 114	1	30
2,4,6-Trichlorophenol	97.9	100	98	97.9	100	98	37 - 144	<1	30
2,4-Dichlorophenol	86.9	100	87	89.5	100	90	39 - 135	3	30
2,4-Dimethylphenol	83.4	100	83	84.4	100	84	32 - 119	1	30
2,4-Dinitrophenol	98.7	100	99	104	100	104	0 - 191	5	30
2,4-Dinitrotoluene	109	100	109	113	100	113	39 - 139	3	30
2,6-Dinitrotoluene	108	100	108	110	100	110	50 - 158	2	30
2-Chloronaphthalene	75.6	100	76	74.7	100	75	60 - 118	1	30
2-Chlorophenol	79.6	100	80	80.3	100	80	23 - 134	<1	30
2-Nitrophenol	97.9	100	98	99.5	100	99	29 - 182	2	30
3,3'-Dichlorobenzidine	82.9	100	83	87.2	100	87	0 - 262	5	30
4,6-Dinitro-o-cresol	119	100	119	119	100	119	0 - 181	<1	30
4-Bromophenyl Phenyl Ether	90.8	100	91	90.8	100	91	53 - 127	<1	30
4-Chloro-m-cresol	94.6	100	95	96.6	100	97	22 - 147	2	30
4-Chlorophenyl Phenyl Ether	88.4	100	88	89.1	100	89	25 - 158	<1	30
4-Nitrophenol	45.9	100	46	46.4	100	46	0 - 132	1	30
Acenaphthene	88.9	100	89	89.0	100	89	47 - 145	<1	30
Acenaphthylene	92.1	100	92	91.9	100	92	33 - 145	<1	30
Anthracene	98.0	100	98	98.0	100	98	27 - 133	<1	30
Benz(a)anthracene	97.9	100	98	97.1	100	97	33 - 143	<1	30
Benzidine	35.4	100	35	26.0	100	26	10 - 78	31 *	30
Benzo(a)pyrene	91.6	100	92	93.8	100	94	17 - 163	2	30
3,4-Benzofluoranthene	98.0	100	98	98.6	100	99	24 - 159	<1	30
Benzo(g,h,i)perylene	97.0	100	97	99.7	100	100	0 - 219	3	30
Benzo(k)fluoranthene	99.5	100	100	103	100	103	11 - 162	4	30
Bis(1-chloroisopropyl) Ether	86.2	100	86	83.6	100	84	36 - 166	3	30
Bis(2-chloroethoxy)methane	85.7	100	86	87.5	100	87	33 - 184	2	30
Bis(2-chloroethyl) Ether	82.1	100	82	79.8	100	80	12 - 158	3	30
Bis(2-ethylhexyl) Phthalate	105	100	105	103	100	103	8 - 158	2	30
Butyl Benzyl Phthalate	96.1	100	96	95.6	100	96	0 - 152	<1	30
Chrysene	97.3	100	97	97.9	100	98	17 - 168	<1	30

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

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: R1105511
Date Analyzed: 10/10/11

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 143655

	Lab Control Sample RQ1110015-02			Duplicate Lab Control Sample RQ1110015-03					
Analyte Name	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Di-n-butyl Phthalate	100	100	100	99.0	100	99	1 - 118	1	30
Di-n-octyl Phthalate	108	100	108	109	100	109	4 - 146	2	30
Dibenz(a,h)anthracene	93.9	100	94	96.0	100	96	0 - 227	2	30
Diethyl Phthalate	95.8	100	96	96.8	100	97	0 - 114	1	30
Dimethyl Phthalate	93.7	100	94	95.2	100	95	0 - 112	2	30
Fluoranthene	102	100	102	101	100	101	26 - 137	<1	30
Fluorene	94.8	100	95	94.9	100	95	59 - 121	<1	30
Hexachlorobenzene	90.0	100	90	89.8	100	90	0 - 152	<1	30
Hexachlorobutadiene	61.9	100	62	28.8	100	29	24 - 116	73 *	30
Hexachlorocyclopentadiene	66.9	100	67	56.7	100	57	10 - 79	17	30
Hexachloroethane	55.7	100	56	25.7	100	26 *	40 - 113	74 *	30
Indeno(1,2,3-cd)pyrene	91.9	100	92	94.2	100	94	0 - 171	3	30
Isophorone	87.7	100	88	89.1	100	89	21 - 196	2	30
N-Nitrosodi-n-propylamine	85.6	100	86	86.1	100	86	0 - 230	<1	30
N-Nitrosodimethylamine	54.5	100	54	54.0	100	54	34 - 130	<1	30
N-Nitrosodiphenylamine	93.7	100	94	94.2	100	94	50 - 117	<1	30
Naphthalene	70.9	100	71	52.6	100	53	21 - 133	30	30
Nitrobenzene	89.0	100	89	88.3	100	88	35 - 180	<1	30
Pentachlorophenol (PCP)	98.6	100	99	98.0	100	98	14 - 176	<1	30
Phenanthrene	99.4	100	99	99.0	100	99	54 - 120	<1	30
Phenol	37.9	100	38	38.1	100	38	5 - 112	<1	30
Pyrene	98.6	100	99	98.8	100	99	52 - 115	<1	30

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

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

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

SR #

CAS Contact

1 Mustard Street, Suite 250, Rochester, NY 14609 | 585.288.5380 | 800.695.7222 | 585.288.8475 (fax) PAGE 1 OF 1

Project Name: NPDES Permit	Project Number:
Project Manager: Sean Coyle	Report CC:
Company/Address: Veolia Water (GE CEP)	
1000 East St.	
Pittsfield MA 01201	
Phone #: 413-494-6709	FAX#: 413-494-7052
Sampler's Signature: Bill Eagan	Sampler's Printed Name: Bill EAGAN

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

PRESERVATIVE: 0 0 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)	EPA 624	REMARKS/ ALTERNATE DESCRIPTION
(1)64G-4Q1M-1X-GV		10/3/11	7:05 AM	H_2O	3	X								
(2)64G-4Q1M-1X-GV		10/3/11	7:05 AM	H_2O	3								X	
(3)64G-4Q1M-1X-GS		10/3/11	7:10 AM	H_2O	1		X							
(1)Trip Blank		10/3/11	7:30 AM	H_2O	3	X								
(2)Trip Blank		10/3/11	7:30 AM	H_2O	3								X	

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

SPECIAL INSTRUCTIONS/COMMENTS

Metals

(1) EPA 624 Acrolein & Acrylonitrite (unpreserved)
(2) Full EPA 624 list excluding Acrolein & Acrylonitrite (preserved)
(3) Full EPA 625 list
EPA 624 & 625 list included with COC's 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 F
Edata ____ Yes ____

INVOICE INFORMATION
PO#
BILL TO:

R1105511
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	
Signature: Bill Eagan	Signature: David Wise	Signature	Signature	Signature	Signature
Printed Name: Bill EAGAN	Printed Name: CAS	Printed Name	Printed Name	Printed Name	Printed Name
Firm: VWNA	Firm: 10.5.11/1000	Firm	Firm	Firm	Firm
Date/Time: 10/3/11 2:00pm	Date/Time	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Return to Originator; Yellow - Lab Copy

SCOC Rev 3/10

Cooler Receipt And Preservation Check Form

Project/Client GE-Pittsfield Folder Number R11-5511

Cooler received on 10/5/11 by: DM **COURIER:** CAS UPS ~~FEDEX~~ VELOCITY CLIENT

1.	Were custody seals on outside of cooler?	~~YES~~	NO		
2.	Were custody papers properly filled out (ink, signed, etc.)?	~~YES~~	NO		
3.	Did all bottles arrive in good condition (unbroken)?	~~YES~~	NO		
4.	Did VOA vials, Alkalinity, or Sulfide have significant* air bubbles?	YES	~~NO~~	N/A	
5.	Were ~~Ice~~ or **Ice packs** present?	~~YES~~	NO		
6.	Where did the bottles originate?	CAS/ROC, CLIENT			
7.	Temperature of cooler(s) upon receipt:	0.4°			
	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: 10/5/11 / 1625

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: 10/5/11 Time: 1148 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	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	*	*	411006O	7/12				

*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: 1-087-002, 060611-1W, 1-045-004

Other Comments:

PC Secondary Review: _____

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

Columbia Analytical Services
1565 Jefferson Rd, Building 300, Suite 360 | Rochester, NY 14623 | 585-288-5380 | 585-288-8475 fax |

October 19, 2011 Service Request No: R1105643

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 October 11, 2011. For your reference, these analyses have been assigned our service request number **R1105643**.

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7473. 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.:**	R1105643
Project:	NPDES	**Date Received:**	10/11/11
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

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

Volatile Organics

Two preserved VOA samples were archived and only the unpreserved portion was analyzed. All samples were analyzed within the 3 day holding time for Acrolein.

No analytical or quality control problems were encountered during analysis.

Extractable Organics

The Laboratory Control Sample for Benzidine was outside of the control limits high and has been flagged with a "*". The Duplicate Laboratory Control Sample was within limits and therefore no data was affected. The RPD for Benzidine was outside of the control limits high and have been flagged with a "*".

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

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

Approved by _____ Date _____

CASE NARRATIVE

This report contains analytical results for the following samples:
Service Request Number: R1105643

Lab ID	Client ID
R1105643-001	64G-4Q1M-2X-GV
R1105643-003	64G-4Q1M-2X-GS
R1105643-004	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. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% (25% for CLP) difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
X	See Case Narrative for discussion.

ACCREDITED IN ACCORDANCE WITH nelac

CAS/Rochester Lab ID # for Massachusetts Certification

M-NY032

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

The Commonwealth of Massachusetts

Department of Environmental Protection

Division of Environmental Analysis
Senator William X. Wall Experiment Station

certifies

M-NY032 **COLUMBIA ANALYTICAL SERVICES**
1565 JEFFERSON RD
BUILDING 300, SUITE 360
ROCHESTER, NY 14623-0000

Laboratory Director: **Michael K. Perry**

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

pursuant to 310 CMR 42.00

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

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

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

Issued: **01 JUL 2011**
Expires: **30 JUN 2012**

Oscar C. Parcaba

Director, Division of Environmental Analysis

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 25 AUG 2011

M-NY032 COLUMBIA ANALYTICAL SERVICES
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY) Effective Date 25 AUG 2011 Expiration Date 30 JUN 2012

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

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 25 AUG 2011

M-NY032 COLUMBIA ANALYTICAL SERVICES
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY) Effective Date 25 AUG 2011 Expiration Date 30 JUN 2012

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
POLYCHLORINATED BIPHENYLS (WATEF	EPA 608

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

Service Request: R1105643
Date Collected: 10/10/11 0720
Date Received: 10/11/11
Date Analyzed: 10/12/11 13:50

Sample Name: 64G-4Q1M-2X-GV
Lab Code: R1105643-001

Units: µg/L
Basis: NA

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

Analytical Method: 624
Data File Name: J:\ACQUDATA\MSVOA5\DATA\101211\K0653.D\

Analysis Lot: 265013
Instrument Name: R-MS-05
Dilution Factor: 1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	**0.26**	J	1.0	0.15	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.15	
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.14	
75-34-3	1,1-Dichloroethane (1,1-DCA)	**0.72**	J	1.0	0.10	
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.17	
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24	
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.19	
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.27	
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.22	
110-75-8	2-Chloroethyl Vinyl Ether	10	U	10	0.45	
107-02-8	Acrolein	10	U	10	2.3	
107-13-1	Acrylonitrile	10	U	10	0.50	
71-43-2	Benzene	1.0	U	1.0	0.14	
75-27-4	Bromodichloromethane	1.0	U	1.0	0.11	
75-25-2	Bromoform	1.0	U	1.0	0.12	
74-83-9	Bromomethane	1.0	U	1.0	0.39	
56-23-5	Carbon Tetrachloride	1.0	U	1.0	0.18	
108-90-7	Chlorobenzene	1.0	U	1.0	0.14	
75-00-3	Chloroethane	**1.0**		1.0	0.18	
67-66-3	Chloroform	1.0	U	1.0	0.10	
74-87-3	Chloromethane	1.0	U	1.0	0.28	
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.13	
75-09-2	Methylene Chloride	1.0	U	1.0	0.18	
100-41-4	Ethylbenzene	1.0	U	1.0	0.22	
127-18-4	Tetrachloroethene (PCE)	1.0	U	1.0	0.21	
108-88-3	Toluene	1.0	U	1.0	0.12	
79-01-6	Trichloroethene (TCE)	1.0	U	1.0	0.13	
75-69-4	Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.10	
75-01-4	Vinyl Chloride	**0.29**	J	1.0	0.14	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.10	
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.16	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.14	

Client:	General Electric Company	**Service Request:**	R1105643
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/10/11 0720
Sample Matrix:	Water	**Date Received:**	10/11/11
		Date Analyzed:	10/12/11 13:50
Sample Name:	64G-4Q1M-2X-GV	**Units:**	Percent
Lab Code:	R1105643-001	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	265013
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\101211\K0653.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	96	79-123	10/12/11 13:50	
4-Bromofluorobenzene	98	79-119	10/12/11 13:50	
Toluene-d8	106	83-120	10/12/11 13:50	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105643
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/10/11
Sample Matrix:	Water	**Date Received:**	10/11/11
		Date Analyzed:	10/12/11 1350

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

Sample Name:	64G-4Q1M-2X-GV	**Units:**	µg/L
Lab Code:	R1105643-001	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

Client:	General Electric Company	**Service Request:**	R1105643
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/10/11 07:10
Sample Matrix:	Water	**Date Received:**	10/11/11
		Date Extracted:	10/12/11
		Date Analyzed:	10/14/11 16:50
Sample Name:	64G-4Q1M-2X-GS	**Units:**	µg/L
Lab Code:	R1105643-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	265503
Prep Method:	EPA 3510C	**Extraction Lot:**	143972
Data File Name:	J:\ACQUDATA\5973D\DATA\101411\AH332.D	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
83-32-9	Acenaphthene	4.7	U	4.7	1.2	
208-96-8	Acenaphthylene	4.7	U	4.7	1.0	
120-12-7	Anthracene	4.7	U	4.7	1.0	
92-87-5	Benzidine	94	U	94	53	
56-55-3	Benz(a)anthracene	4.7	U	4.7	1.0	
50-32-8	Benzo(a)pyrene	4.7	U	4.7	1.0	
205-99-2	Benzo(b)fluoranthene	4.7	U	4.7	1.0	
191-24-2	Benzo(g,h,i)perylene	4.7	U	4.7	1.0	
207-08-9	Benzo(k)fluoranthene	4.7	U	4.7	1.1	
85-68-7	Butyl Benzyl Phthalate	4.7	U	4.7	1.0	
84-74-2	Di-n-butyl Phthalate	4.7	U	4.7	1.0	
193-39-5	Indeno(1,2,3-cd)pyrene	4.7	U	4.7	1.0	
111-91-1	Bis(2-chloroethoxy)methane	4.7	U	4.7	1.3	
111-44-4	Bis(2-chloroethyl) Ether	4.7	U	4.7	1.0	
91-58-7	2-Chloronaphthalene	4.7	U	4.7	1.0	
95-57-8	2-Chlorophenol	4.7	U	4.7	1.3	
108-60-1	2,2'-Oxybis(1-chloropropane)	4.7	U	4.7	1.4	
218-01-9	Chrysene	4.7	U	4.7	1.2	
53-70-3	Dibenz(a,h)anthracene	4.7	U	4.7	1.0	
91-94-1	3,3'-Dichlorobenzidine	4.7	U	4.7	1.5	
120-83-2	2,4-Dichlorophenol	4.7	U	4.7	1.0	
84-66-2	Diethyl Phthalate	4.7	U	4.7	1.0	
131-11-3	Dimethyl Phthalate	4.7	U	4.7	1.0	
105-67-9	2,4-Dimethylphenol	4.7	U	4.7	2.2	
51-28-5	2,4-Dinitrophenol	47	U	47	34	
121-14-2	2,4-Dinitrotoluene	4.7	U	4.7	1.2	
606-20-2	2,6-Dinitrotoluene	4.7	U	4.7	1.3	
122-66-7	1,2-Diphenylhydrazine	4.7	U	4.7	1.0	
117-81-7	Bis(2-ethylhexyl) Phthalate	4.7	U	4.7	1.2	
206-44-0	Fluoranthene	4.7	U	4.7	1.0	
86-73-7	Fluorene	4.7	U	4.7	1.1	
118-74-1	Hexachlorobenzene	4.7	U	4.7	1.1	
87-68-3	Hexachlorobutadiene	4.7	U	4.7	1.3	

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105643
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/10/11 07:10
Sample Matrix:	Water	**Date Received:**	10/11/11
		Date Extracted:	10/12/11
		Date Analyzed:	10/14/11 16:50
Sample Name:	64G-4Q1M-2X-GS	**Units:**	µg/L
Lab Code:	R1105643-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	265503
Prep Method:	EPA 3510C	**Extraction Lot:**	143972
Data File Name:	J:\ACQUDATA\5973D\DATA\101411\AH332.D	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

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

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
p-Terphenyl-d14	72	40-133	10/14/11 16:50	
Nitrobenzene-d5	65	37-117	10/14/11 16:50	
Phenol-d6	23	10-107	10/14/11 16:50	
2-Fluorobiphenyl	72	39-119	10/14/11 16:50	
2-Fluorophenol	34	10-105	10/14/11 16:50	
2,4,6-Tribromophenol	95	28-157	10/14/11 16:50	

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

Service Request: R1105643
Date Collected: 10/10/11 0740
Date Received: 10/11/11
Date Analyzed: 10/12/11 14:26

Sample Name: Trip Blank
Lab Code: R1105643-004

Units: µg/L
Basis: NA

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

Analytical Method: 624
Data File Name: J:\ACQUDATA\MSVOA5\DATA\101211\K0654.D\

Analysis Lot: 265013
Instrument Name: R-MS-05
Dilution Factor: 1

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

Client:	General Electric Company	**Service Request:**	R1105643
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/10/11 0740
Sample Matrix:	Water	**Date Received:**	10/11/11
		Date Analyzed:	10/12/11 14:26
Sample Name:	Trip Blank	**Units:**	Percent
Lab Code:	R1105643-004	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	265013
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\101211\K0654.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	92	79-123	10/12/11 14:26	
4-Bromofluorobenzene	97	79-119	10/12/11 14:26	
Toluene-d8	104	83-120	10/12/11 14:26	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105643
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/10/11
Sample Matrix:	Water	**Date Received:**	10/11/11
		Date Analyzed:	10/12/11 1426

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:	R1105643-004	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105643
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	10/12/11 12:37
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1110204-04	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	265013
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\101211\K0651.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

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

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105643
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	10/12/11 12:37
Sample Name:	Method Blank	**Units:**	Percent
Lab Code:	RQ1110204-04	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	265013
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\101211\K0651.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	98	79-123	10/12/11 12:37	
4-Bromofluorobenzene	100	79-119	10/12/11 12:37	
Toluene-d8	104	83-120	10/12/11 12:37	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105643
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	10/12/11 1237

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:	RQ1110204-04	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

Client:	General Electric Company	**Service Request:**	RI105643
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Extracted:	10/12/11
		Date Analyzed:	10/14/11 12:45
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1110155-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	265503
Prep Method:	EPA 3510C	**Extraction Lot:**	143972
Data File Name:	J:\ACQUDATA\5973D\DATA\101411\AH326.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

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

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105643
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Extracted:	10/12/11
		Date Analyzed:	10/14/11 12:45
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1110155-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	265503
Prep Method:	EPA 3510C	**Extraction Lot:**	143972
Data File Name:	J:\ACQUDATA\5973D\DATA\101411\AH326.D	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
77-47-4	Hexachlorocyclopentadiene	5.0	U	5.0	2.0	
67-72-1	Hexachloroethane	5.0	U	5.0	1.3	
78-59-1	Isophorone	5.0	U	5.0	1.4	
534-52-1	4,6-Dinitro-2-methylphenol	50	U	50	22	
59-50-7	4-Chloro-3-methylphenol	5.0	U	5.0	1.0	
91-20-3	Naphthalene	5.0	U	5.0	1.1	
98-95-3	Nitrobenzene	5.0	U	5.0	1.3	
88-75-5	2-Nitrophenol	5.0	U	5.0	1.2	
100-02-7	4-Nitrophenol	50	U	50	9.4	
62-75-9	N-Nitrosodimethylamine	5.0	U	5.0	1.0	
86-30-6	N-Nitrosodiphenylamine	5.0	U	5.0	1.2	
117-84-0	Di-n-octyl Phthalate	5.0	U	5.0	1.1	
87-86-5	Pentachlorophenol (PCP)	50	U	50	23	
85-01-8	Phenanthrene	5.0	U	5.0	1.0	
108-95-2	Phenol	5.0	U	5.0	1.0	
101-55-3	4-Bromophenyl Phenyl Ether	5.0	U	5.0	1.0	
7005-72-3	4-Chlorophenyl Phenyl Ether	5.0	U	5.0	1.0	
621-64-7	N-Nitrosodi-n-propylamine	5.0	U	5.0	1.6	
129-00-0	Pyrene	5.0	U	5.0	1.0	
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	1.0	
88-06-2	2,4,6-Trichlorophenol	5.0	U	5.0	1.1	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
p-Terphenyl-d14	72	40-133	10/14/11 12:45	
Nitrobenzene-d5	73	37-117	10/14/11 12:45	
Phenol-d6	28	10-107	10/14/11 12:45	
2-Fluorobiphenyl	70	39-119	10/14/11 12:45	
2-Fluorophenol	45	10-105	10/14/11 12:45	
2,4,6-Tribromophenol	77	28-157	10/14/11 12:45	

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: R1105643
Date Analyzed: 10/12/11

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

Analytical Method: 624

Units: µg/L
Basis: NA

Analysis Lot: 265013

Lab Control Sample
RQ1110204-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	25.4	20.0	127	52 - 162
1,1,2,2-Tetrachloroethane	17.1	20.0	86	46 - 157
1,1,2-Trichloroethane	17.9	20.0	89	52 - 150
1,1-Dichloroethane (1,1-DCA)	24.7	20.0	123	59 - 155
1,1-Dichloroethene (1,1-DCE)	25.6	20.0	128	0 - 234
1,2-Dichlorobenzene	18.2	20.0	91	18 - 190
1,2-Dichloroethane	19.5	20.0	97	49 - 155
1,2-Dichloropropane	21.0	20.0	105	0 - 210
1,3-Dichlorobenzene	20.3	20.0	101	59 - 156
1,4-Dichlorobenzene	19.4	20.0	97	18 - 190
2-Chloroethyl Vinyl Ether	17.8	20.0	89	0 - 305
Acrolein	104	100	104	10 - 174
Acrylonitrile	101	100	101	61 - 141
Benzene	21.5	20.0	107	37 - 151
Bromodichloromethane	20.8	20.0	104	35 - 155
Bromoform	18.0	20.0	90	45 - 169
Bromomethane	23.0	20.0	115	0 - 242
Carbon Tetrachloride	23.7	20.0	118	70 - 140
Chlorobenzene	19.9	20.0	99	37 - 160
Chloroethane	26.0	20.0	130	14 - 230
Chloroform	24.6	20.0	123	51 - 138
Chloromethane	24.4	20.0	122	0 - 273
Chlorodibromomethane	19.9	20.0	99	53 - 149
Dichlorodifluoromethane (CFC 12)	23.6	20.0	118	47 - 148
Methylene Chloride	23.0	20.0	115	0 - 221
Ethylbenzene	21.7	20.0	108	37 - 162
Tetrachloroethene (PCE)	22.7	20.0	113	64 - 148
Toluene	20.9	20.0	104	47 - 150
Trichloroethene (TCE)	21.2	20.0	106	71 - 157
Trichlorofluoromethane (CFC 11)	29.6	20.0	148	17 - 181
Vinyl Chloride	27.7	20.0	138	0 - 251
cis-1,3-Dichloropropene	18.8	20.0	94	0 - 227

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

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: R1105643
Date Analyzed: 10/12/11

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

Analytical Method: 624

Units: µg/L
Basis: NA

Analysis Lot: 265013

Lab Control Sample
RQ1110204-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
trans-1,2-Dichloroethene	24.0	20.0	120	54 - 156
trans-1,3-Dichloropropene	19.1	20.0	96	17 - 183

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

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: R1105643
Date Analyzed: 10/14/11

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 143972

Analyte Name	Lab Control Sample RQ1110155-02 Result	Spike Amount	% Rec		Duplicate Lab Control Sample RQ1110155-03 Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
Acenaphthene	81.9	100	82		87.4	100	87	47 - 145	6	30
Acenaphthylene	84.4	100	84		90.7	100	91	33 - 145	7	30
Anthracene	91.5	100	92		94.9	100	95	27 - 133	4	30
Benzidine	84.3	100	84	*	28.1	100	28	10 - 78	100 *	30
Benz(a)anthracene	94.3	100	94		94.4	100	94	33 - 143	<1	30
Benzo(a)pyrene	90.1	100	90		91.0	100	91	17 - 163	<1	30
Benzo(b)fluoranthene	97.7	100	98		97.5	100	97	24 - 159	<1	30
Benzo(g,h,i)perylene	97.9	100	98		96.1	100	96	0 - 219	2	30
Benzo(k)fluoranthene	100	100	100		100	100	100	11 - 162	<1	30
Butyl Benzyl Phthalate	81.3	100	81		82.4	100	82	0 - 152	1	30
Di-n-butyl Phthalate	91.6	100	92		95.4	100	95	1 - 118	4	30
Indeno(1,2,3-cd)pyrene	91.3	100	91		90.2	100	90	0 - 171	1	30
Bis(2-chloroethoxy)methane	78.7	100	79		83.1	100	83	33 - 184	5	30
Bis(2-chloroethyl) Ether	73.5	100	73		75.1	100	75	12 - 158	2	30
2-Chloronaphthalene	69.7	100	70		74.7	100	75	60 - 118	7	30
2-Chlorophenol	71.2	100	71		74.1	100	74	23 - 134	4	30
2,2'-Oxybis(1-chloropropane)	72.6	100	73		78.4	100	78	36 - 166	8	30
Chrysene	94.8	100	95		95.8	100	96	17 - 168	<1	30
Dibenz(a,h)anthracene	94.3	100	94		93.7	100	94	0 - 227	<1	30
3,3'-Dichlorobenzidine	81.6	100	82		77.5	100	77	0 - 262	5	30
2,4-Dichlorophenol	79.8	100	80		85.7	100	86	39 - 135	7	30
Diethyl Phthalate	90.4	100	90		95.0	100	95	0 - 114	5	30
Dimethyl Phthalate	89.1	100	89		93.4	100	93	0 - 112	5	30
2,4-Dimethylphenol	75.7	100	76		78.8	100	79	32 - 119	4	30
2,4-Dinitrophenol	82.6	100	83		87.5	100	88	0 - 191	6	30
2,4-Dinitrotoluene	95.7	100	96		104	100	104	39 - 139	8	30
2,6-Dinitrotoluene	94.3	100	94		102	100	102	50 - 158	8	30
1,2-Diphenylhydrazine	79.1	100	79		81.4	100	81	64 - 114	3	30
Bis(2-ethylhexyl) Phthalate	88.3	100	88		90.4	100	90	8 - 158	2	30
Fluoranthene	100	100	100		103	100	103	26 - 137	3	30
Fluorene	89.8	100	90		94.8	100	95	59 - 121	5	30
Hexachlorobenzene	92.9	100	93		95.9	100	96	0 - 152	3	30

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

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: R1105643
Date Analyzed: 10/14/11

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 143972

	Lab Control Sample RQ1110155-02			Duplicate Lab Control Sample RQ1110155-03					
Analyte Name	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Hexachlorobutadiene	57.1	100	57	63.2	100	63	24 - 116	10	30
Hexachlorocyclopentadiene	56.3	100	56	64.2	100	64	10 - 79	13	30
Hexachloroethane	46.8	100	47	53.9	100	54	40 - 113	14	30
Isophorone	79.9	100	80	83.3	100	83	21 - 196	4	30
4,6-Dinitro-2-methylphenol	93.0	100	93	97.3	100	97	0 - 181	4	30
4-Chloro-3-methylphenol	82.4	100	82	84.9	100	85	22 - 147	3	30
Naphthalene	63.0	100	63	69.7	100	70	21 - 133	10	30
Nitrobenzene	78.3	100	78	82.3	100	82	35 - 180	5	30
2-Nitrophenol	72.3	100	72	80.9	100	81	29 - 182	11	30
4-Nitrophenol	34.5	100	34	35.8	100	36	0 - 132	4	30
N-Nitrosodimethylamine	47.7	100	48	51.0	100	51	34 - 130	7	30
N-Nitrosodiphenylamine	87.4	100	87	89.5	100	89	50 - 117	2	30
Di-n-octyl Phthalate	89.1	100	89	93.2	100	93	4 - 146	4	30
Pentachlorophenol (PCP)	84.3	100	84	90.5	100	91	14 - 176	7	30
Phenanthrene	94.3	100	94	97.4	100	97	54 - 120	3	30
Phenol	32.8	100	33	34.2	100	34	5 - 112	4	30
4-Bromophenyl Phenyl Ether	91.8	100	92	95.3	100	95	53 - 127	4	30
4-Chlorophenyl Phenyl Ether	86.9	100	87	92.5	100	92	25 - 158	6	30
N-Nitrosodi-n-propylamine	74.9	100	75	78.6	100	79	0 - 230	5	30
Pyrene	92.2	100	92	93.2	100	93	52 - 115	1	30
1,2,4-Trichlorobenzene	55.9	100	56	62.1	100	62	29 - 85	11	30
2,4,6-Trichlorophenol	89.4	100	89	95.2	100	95	37 - 144	6	30

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

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

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

SR #

CAS Contact

1 Mustard Street, Suite 250, Rochester, NY 14609 | 585.288.5380 | 800.695.7222 | 585.288.8475 (fax) PAGE 1 OF 1

Project Name: NPDES Permit	Project Number:
Project Manager: Sean Coyle	Report CC:
Company/Address: Veolia Water (GE CEP)	
1000 East St.	
Pittsfield MA 01201	
Phone #: 413-494-6709	FAX#: 413-494-7052
Sampler's Signature:	Sampler's Printed Name: Dave Moro

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

PRESERVATIVE: 8 0 1 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
(1)64G-4Q1M-2X-GV		10/10/11	7?? Am	H_2O	3	X								
(2)64G-4Q1M-2X-GV		10/10/11	715 Am	H_2O	3								X	
(3)64G-4Q1M-2X-GS		10/10/11	740 Am	H_2O	1		X							
(1)Trip Blank		10/10/11	745 Am	H_2O	3	X								
(2)Trip Blank		10/10/11	715 Am	H_2O	3								X	

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

SPECIAL INSTRUCTIONS/COMMENTS
Metals

(1) EPA 624 Acrolein & Acrylonitrite (unpreserved)
(2) Full EPA 624 list excluding Acrolein & Acrylonitrite (preserved)
(3) Full EPA 625 list
EPA 624 & 625 list included with COC's 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 P
Edata ____ Yes ____ N

INVOICE INFORMATION
PO#
BILL TO:

R1105643
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	
Signature	Signature: Amy Hentschke	Signature	Signature	Signature	Signature
Printed Name: Dave Moro	Printed Name: Amy Hentschke	Printed Name	Printed Name	Printed Name	Printed Name
Firm: VWNA	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time: 10/11/11 2pm	Date/Time: 10/11/11 0940	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Return to Originator; Yellow Lab Copy

SCOC Rev 3/10

Cooler Receipt And Preservation Check Form

Project/Client GE-Pittsfield Folder Number R11-5643

Cooler received on 10/11/11 by: AHM COURIER: CAS UPS (FEDEX) VELOCITY CLIENT

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

7.	Temperature of cooler(s) upon receipt:	2.5°				
	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: 10/11/11 0946

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: AHM

Cooler Breakdown: Date: 10/11/11 Time: 1027 by: AHM

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				
Residual Chlorine (-)	For TCN and Phenol			If present, contact PM to add ascorbic acid	
	$Na_2S_2O_3$	-	-		
	Zn Aceta	-	-		
	HCl	*	*	411C060	

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: 1-045-CC1, 060611-1W

Other Comments:

PC Secondary Review: _____

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

\SMODOCS\Cooler Receipt 3.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	10/01/2011	TO	10/31/2011

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	7.62	******	7.65	SU	0	2/MO	GRAB
00400 IM 0 Internal Monitoring Point	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Twice Every Month	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	0.09	0.18	lbs/d	0.55	******	1.10	mg/L	0	2/MO	COMP24
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	0	0	lbs/d	******	******	0	mg/L	0	2/MO	GRAB
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	0.00004	0.00005	lbs/d	0.2345	******	0.2356	ug/L	0	2/MO	COMP24
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	0.0144	0.0216	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	0.0215	0.0236	MGD	******	******	******	******	0	2/MO	RCORD
82220 IM 0 Internal Monitoring Point	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Weekly	ESTIMA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations	Michael T. Carroll	(413) 448-5902		11-14-2011
MGR. PITTSFIELD REMEDIATION PMO		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY
TYPED OR PRINTED					

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

FLOW TOTAL SEE FOOTNOTE 4.

Attachment E - Outfall 64T

Date	pH	TSS MG/L	FN	Oil & Grease MG/L	FN	PCB UG/L	FN	Estimated Flow - MGD (50050 IM 0)	Metered Flow - MGD (82220 IM 0)	Rain/Precip Total - In	Rain/Precip Peak - In
10/01/11										0.02	0.01
10/02/11										0.22	0.06
10/03/11										0.32	0.15
10/04/11										0.13	0.08
10/05/11								0.0216		0.06	0.06
10/06/11	7.62			U4.10	1,G					0.00	0.00
10/07/11		1.10	C			0.2356	C		0.0194	0.00	0.00
10/08/11										0.00	0.00
10/09/11								0.0144		0.00	0.00
10/10/11										0.00	0.00
10/11/11										0.00	0.00
10/12/11										0.00	0.00
10/13/11										0.07	0.07
10/14/11										0.23	0.16
10/15/11										0.65	0.28
10/16/11								0.0144		0.00	0.00
10/17/11	7.65			U4.10	1,G					0.06	0.02
10/18/11		U1.00	1,C			0.2333	C		0.0236	0.00	0.00
10/19/11										0.00	0.00
10/20/11										0.18	0.11
10/21/11										0.02	0.02
10/22/11										0.00	0.00
10/23/11								0.0072		0.01	0.01
10/24/11										0.00	0.00
10/25/11										0.14	0.12
10/26/11										0.01	0.01
10/27/11										0.28	0.15
10/28/11										0.56	0.09
10/29/11										0.00	0.00
10/30/11										0.79	0.14
10/31/11										0.00	0.00

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	10/01/2011	**TO**	10/31/2011

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	7.82	******	7.85	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	0.0001	0.0002	lbs/d	0.0388	******	0.0776	ug/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	0.16	0.32	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	0.3182	0.5384	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	0.3291	0.3894	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 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) 448-1902		11-14-2011
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	Rain/Precip Total - In	Rain/Precip Peak - In
10/01/11								0.3906	YES	0.02	0.01
10/02/11								0.3862	YES	0.22	0.06
10/03/11	7.85	U1.00	1,C	U4.10	1,G	0.0776	C	0.3894	NO	0.32	0.15
10/04/11								0.3321	NO	0.13	0.08
10/05/11								0.3400	NO	0.06	0.06
10/06/11								0.2970	NO	0.00	0.00
10/07/11								0.2841	NO	0.00	0.00
10/08/11								0.2853	NO	0.00	0.00
10/09/11								0.2423	NO	0.00	0.00
10/10/11	7.82	U1.00	1,C	U4.10	1,G	0.0086	C	0.2689	NO	0.00	0.00
10/11/11								0.2799	NO	0.00	0.00
10/12/11								0.2695	NO	0.00	0.00
10/13/11								0.2490	NO	0.07	0.07
10/14/11								0.2887	NO	0.23	0.16
10/15/11								0.4850	NO	0.65	0.28
10/16/11								0.3176	NO	0.00	0.00
10/17/11								0.2887	NO	0.06	0.02
10/18/11								0.3753	NO	0.00	0.00
10/19/11								0.2721	NO	0.00	0.00
10/20/11								0.3450	NO	0.18	0.11
10/21/11								0.2687	NO	0.02	0.02
10/22/11								0.3096	NO	0.00	0.00
10/23/11								0.2597	NO	0.01	0.01
10/24/11								0.2918	NO	0.00	0.00
10/25/11								0.2820	NO	0.14	0.12
10/26/11								0.3121	NO	0.01	0.01
10/27/11								0.3257	NO	0.28	0.15
10/28/11								0.5384	NO	0.56	0.09
10/29/11								0.2900	NO	0.00	0.00
10/30/11								0.2892	NO	0.79	0.14
10/31/11								0.3116	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	10/01/2011	TO	10/31/2011

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	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	0.15	0.23	IN	******	******	******	******	0	CONT	CONTN
46529 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	******	******	******	******		Continuous	RCORDR
Flow, total	SAMPLE MEASUREMENT	0.3383	0.3862	MGD	******	******	******	******	0	CONT	CONTN
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		11-16-2011
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 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	10/01/2011	**TO**	10/31/2011

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	7.15	******	7.72	SU	0	2/MO	GRAB
00400 Y 0 Effluent Gross (Supplementary)	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Twice Per Month	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	0.09	0.14	lbs/d	7.10	******	7.40	mg/L	0	2/MO	COMP24
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	MLC 0	MLC 0	MLC lbs/d	**** MLC	******	0	mg/L	0	2/MO	GRAB
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	~~MLC~~ REQ. MON. MO AVG.	~~MLC~~ REQ. MON. DAILY MAX	~~MLC~~ MLC lbs/d	~~Req. Mon. MO AVG~~ MLC	******	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	0.000009	0.00002	lbs/d	0.7330	******	0.7640	ug/L	0	2/MO	COMP24
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	0.0015	0.0024	MGD	******	******	******	******	0	2/MO	ESTIMA
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.	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		11-18-2011
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 4

Attachment E - Outfall 05A Dry

Date	pH	TSS MG/L	FN	Oil & Grease MG/L	FN	PCB UG/L	FN	Estimated Flow - MGD (50050 Y 0)	Rain/Precip Total - In	Rain/Precip Peak - In	Flooded Condition
10/01/11									0.02	0.01	YES
10/02/11									0.22	0.06	YES
10/03/11									0.32	0.15	YES
10/04/11									0.13	0.08	YES
10/05/11									0.06	0.06	YES
10/06/11									0.00	0.00	NO
10/07/11									0.00	0.00	NO
10/08/11									0.00	0.00	NO
10/09/11									0.00	0.00	NO
10/10/11									0.00	0.00	NO
10/11/11									0.00	0.00	NO
10/12/11									0.00	0.00	NO
10/13/11									0.07	0.07	NO
10/14/11									0.23	0.16	NO
10/15/11									0.65	0.28	NO
10/16/11									0.00	0.00	NO
10/17/11	7.22			U4.10	1,G				0.06	0.02	NO
10/18/11	7.15	6.80	C	U4.10	1,G	0.7640	C	0.0024	0.00	0.00	NO
10/19/11		7.40	C			0.7020	C	0.0006	0.00	0.00	NO
10/20/11									0.18	0.11	NO
10/21/11									0.02	0.02	NO
10/22/11									0.00	0.00	NO
10/23/11									0.01	0.01	NO
10/24/11									0.00	0.00	NO
10/25/11									0.14	0.12	NO
10/26/11									0.01	0.01	NO
10/27/11									0.28	0.15	NO
10/28/11									0.56	0.09	NO
10/29/11									0.00	0.00	NO
10/30/11									0.79	0.14	NO
10/31/11									0.00	0.00	NO

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	W05A-A
PERMIT NUMBER	**DISCHARGE NUMBER**

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	10/01/2011	**TO**	10/31/2011

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	NOD:(9)	******	NOD:(9)				
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		NOD:(9)	******	NOD:(9)				
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Three Every Quarter	COMPOS
Oil & Grease	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		******	******	NOD:(9)				
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	******	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	NOD:(9)	NOD:(9)		NOD:(9)	******	NOD:(9)				
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Three Every Quarter	COMPOS
Rainfall	SAMPLE MEASUREMENT	0.14	0.22	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	0.0245	0.1131	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	12	******	#	******	******	******	******	0	DAILY WHEN DISCHARGING	VISUAL
51484 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. TOTAL	******	#	******	******	******	******		Daily When Discharging	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T CARROLL	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413) 448-5902		11-16-2011
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	10/01/2011	**TO**	10/31/2011

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

No Discharge ☐

PARAMETER		**QUANTITY OR LOADING**			**QUALITY OR CONCENTRATION**				**NO. EX**	**FREQUENCY OF ANALYSIS**	**SAMPLE TYPE**
		VALUE	**VALUE**	**UNITS**	**VALUE**	**VALUE**	**VALUE**	**UNITS**			
Flow, total	**SAMPLE MEASUREMENT**	0.0053	0.0093	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	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		**TELEPHONE**		**DATE**
MICHAEL T CARROLL MGR PITTSFIELD REMEDIATION PROG		Michael T. Carroll	(413) 448-5902		11-14-2011
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	Rain/Precip Total - In	Rain/Precip Peak - In
10/01/11		7.40	C					0.0142		YES	0.02	0.01
10/02/11								0.0093		YES	0.22	0.06
10/03/11								0.0455		YES	0.32	0.15
10/04/11		3.20	C			0.9974	C	0.0032		YES	0.13	0.08
10/05/11								0.0039		YES	0.06	0.06
10/06/11										NO	0.00	0.00
10/07/11										NO	0.00	0.00
10/08/11										NO	0.00	0.00
10/09/11										NO	0.00	0.00
10/10/11										NO	0.00	0.00
10/11/11										NO	0.00	0.00
10/12/11										NO	0.00	0.00
10/13/11								0.0001		NO	0.07	0.07
10/14/11										NO	0.23	0.16
10/15/11								0.1131		NO	0.65	0.28
10/16/11										NO	0.00	0.00
10/17/11										NO	0.06	0.02
10/18/11										NO	0.00	0.00
10/19/11										NO	0.00	0.00
10/20/11								0.0001		NO	0.18	0.11
10/21/11										NO	0.02	0.02
10/22/11										NO	0.00	0.00
10/23/11										NO	0.01	0.01
10/24/11	7.46			U4.10	1,G					NO	0.00	0.00
10/25/11		1.70	C			0.8386	C	0.0027		NO	0.14	0.12
10/26/11										NO	0.01	0.01
10/27/11								0.0351		NO	0.28	0.15
10/28/11								0.0547		NO	0.56	0.09
10/29/11								0.0114		NO	0.00	0.00
10/30/11										NO	0.79	0.14
10/31/11										NO	0.00	0.00

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	W05B-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	10/01/2011	TO	10/31/2011

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	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)448-5522		11-14-2011
MGR. PITTSFIELD PERMIT MGT PROG		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY
TYPED OR PRINTED					

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

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	10/01/2011	**TO**	10/31/2011

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

No Discharge ☒

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Flow, total	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		11-16-2011
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

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

Attachment E - Outfall 05B Wet

Date	pH	TSS MG/L	FN	Oil & Grease MG/L	FN	PCB UG/L	FN	Metered Flow - MGD	Calculated Flow - MGD	Rain/Precip Total - In	Rain/Precip Peak - In
10/01/11										0.02	0.01
10/02/11										0.22	0.06
10/03/11										0.32	0.15
10/04/11										0.13	0.08
10/05/11										0.06	0.06
10/06/11										0.00	0.00
10/07/11										0.00	0.00
10/08/11										0.00	0.00
10/09/11										0.00	0.00
10/10/11										0.00	0.00
10/11/11										0.00	0.00
10/12/11										0.00	0.00
10/13/11										0.07	0.07
10/14/11										0.23	0.16
10/15/11										0.65	0.28
10/16/11										0.00	0.00
10/17/11										0.06	0.02
10/18/11										0.00	0.00
10/19/11										0.00	0.00
10/20/11										0.18	0.11
10/21/11										0.02	0.02
10/22/11										0.00	0.00
10/23/11										0.01	0.01
10/24/11										0.00	0.00
10/25/11										0.14	0.12
10/26/11										0.01	0.01
10/27/11										0.28	0.15
10/28/11										0.56	0.09
10/29/11										0.00	0.00
10/30/11										0.79	0.14
10/31/11										0.00	0.00

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	10/01/2011	**TO**	10/31/2011

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	7.47	******	7.83	SU	0	2/MO	GRAB
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Twice Every Month	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	0.03	0.05	lbs/d	2.85	******	3.20	mg/L	0	2/MO	COMP24
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	******	******	******	******	******	0	mg/L	0	2/MO	GRAB
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	******	15 DAILY MX	mg/L		Twice Every Month	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	0.0000001	0.0000003	lbs/d	0.1164	******	0.2328	ug/L	0	2/MO	COMP24
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	0.0022	0.0029	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	******	******	******	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	******	******	******	0.625	******	0.640	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	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	11-18-2011
MGR PITTSFIELD REMEDIATION PROG		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code / NUMBER	MM/DD/YYYY
TYPED OR PRINTED				

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

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

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	10/01/2011	TO	10/31/2011

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Flow, total	SAMPLE MEASUREMENT	0.0013	0.0024	MGD	******	******	******	******	0	2/MO	ESTIMA
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)445-5902		11-16-2011
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 9 OF PERMIT; FLOW TOTAL SEE FOOTNOTE 4. SEMIVOLATILES UNDER 51415.

Attachment E - Outfall 006 Dry

Date	pH	Oil & Grease MG/L	FN	TSS MG/L	FN	PCB UG/L	FN	VOC	FN	SVOC	FN	Estimated Flow - MGD (50050 1 0)	Estimated Flow - MGD (82220 1 0)	Rain/Precip Total - In	Rain/Precip Peak - In
10/01/11														0.02	0.01
10/02/11														0.22	0.06
10/03/11														0.32	0.15
10/04/11														0.13	0.08
10/05/11												0.0029		0.06	0.06
10/06/11	7.47	U4.10	1,G											0.00	0.00
10/07/11				2.50	C	0.0540	C	0.640	G	0	G		0.0024	0.00	0.00
10/08/11														0.00	0.00
10/09/11												0.0029		0.00	0.00
10/10/11														0.00	0.00
10/11/11														0.00	0.00
10/12/11														0.00	0.00
10/13/11														0.07	0.07
10/14/11														0.23	0.16
10/15/11														0.65	0.28
10/16/11												0.0029		0.00	0.00
10/17/11	7.83	U4.10	1,G					0.610	G	0	G			0.06	0.02
10/18/11														0.00	0.00
10/19/11														0.00	0.00
10/20/11														0.18	0.11
10/21/11														0.02	0.02
10/22/11														0.00	0.00
10/23/11												0.0001		0.01	0.01
10/24/11				3.20	C	0.2328	C						0.0001	0.00	0.00
10/25/11														0.14	0.12
10/26/11														0.01	0.01
10/27/11														0.28	0.15
10/28/11														0.56	0.09
10/29/11														0.00	0.00
10/30/11														0.79	0.14
10/31/11														0.00	0.00

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

Columbia Analytical Services
1565 Jefferson Rd, Building 300, Suite 360 | Rochester, NY 14623 | 585-288-5380 | 585-288-8475 fax |

October 18, 2011 Service Request No: R1105622

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 between October 8, 2011 and October 11, 2011. For your reference, these analyses have been assigned our service request number **R1105622**.

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7473. 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.:**	R1105622
Project:	NPDES	**Date Received:**	10/8-10/11/11
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

Thee water samples and two Trip Blanks were received for analysis at Columbia Analytical Services on 10/8/11. Due to the Saturday receipt the VOA 624 analysis was already outside of the 3 day holding time for Acrolein. Veolia re-sampled the 624 analysis and this was received on 10/11/11 with no Trip Blank. 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 portion was analyzed. All samples were analyzed within the 3 day holding time for Acrolein.

No analytical or quality control problems were encountered during analysis.

Extractable Organics

The Laboratory Control Sample for Benzidine was outside of the control limits high and has been flagged with a "*". The Duplicate Laboratory Control Sample was within limits and therefore no data was affected. The RPD for Benzidine was outside of the control limits high and have been flagged with a "*".

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

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

Approved by _____ **Date** 10/18/11

CASE NARRATIVE

This report contains analytical results for the following samples:
Service Request Number: R1105622

Lab ID	Client ID
R1105622-001	006D-4Q1M-1X-GS
R1105622-003	006D-4Q1M-1X-GV-RS

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. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% (25% for CLP) difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
X	See Case Narrative for discussion.

ACCREDITED IN ACCORDANCE WITH nelac

CAS/Rochester Lab ID # for Massachusetts Certification

M-NY032

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

The Commonwealth of Massachusetts

Department of Environmental Protection

Division of Environmental Analysis
Senator William X. Wall Experiment Station

certifies

M-NY032

COLUMBIA ANALYTICAL SERVICES
1565 JEFFERSON RD
BUILDING 300, SUITE 360
ROCHESTER, NY 14623-0000

Laboratory Director: **Michael K. Perry**

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

pursuant to 310 CMR 42.00

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

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

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

Issued: **01 JUL 2011**

Expires: **30 JUN 2012**

Oscar C. Parcaba

Director, Division of Environmental Analysis

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 25 AUG 2011

M-NY032 COLUMBIA ANALYTICAL SERVICES
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY) Effective Date 25 AUG 2011 Expiration Date 30 JUN 2012

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

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 25 AUG 2011

M-NY032 COLUMBIA ANALYTICAL SERVICES
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY) Effective Date 25 AUG 2011 Expiration Date 30 JUN 2012

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
POLYCHLORINATED BIPHENYLS (WATEF	EPA 608

Client:	General Electric Company	**Service Request:**	R1105622
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/ 6/11 0935
Sample Matrix:	Water	**Date Received:**	10/ 8/11
		Date Extracted:	10/12/11
		Date Analyzed:	10/14/11 14 47
Sample Name:	006D-4Q1M-1X-GS	**Units:**	µg/L
Lab Code:	R1105622-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	265503
Prep Method:	EPA 3510C	**Extraction Lot:**	143972
Data File Name:	J:\ACQUDATA\5973D\DATA\101411\AH329.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

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

Client:	General Electric Company	**Service Request:**	R1105622
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/ 6/11 0935
Sample Matrix:	Water	**Date Received:**	10/ 8/11
		Date Extracted:	10/12/11
		Date Analyzed:	10/14/11 14 47
Sample Name:	006D-4Q1M-1X-GS	**Units:**	µg/L
Lab Code:	R1105622-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	265503
Prep Method:	EPA 3510C	**Extraction Lot:**	143972
Data File Name:	J:\ACQUDATA\5973D\DATA\101411\AH329.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

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

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol		28-157	10/14/11 14:47	
2-Fluorobiphenyl		39-119	10/14/11 14:47	
2-Fluorophenol		10-105	10/14/11 14:47	
Nitrobenzene-d5		37-117	10/14/11 14:47	
Phenol-d6		10-107	10/14/11 14:47	
p-Terphenyl-d14		40-133	10/14/11 14:47	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105622
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/10/11 0915
Sample Matrix:	Water	**Date Received:**	10/11/11
		Date Analyzed:	10/12/11 13.13
Sample Name:	006D-4Q1M-1X-GV-RS	**Units:**	µg/L
Lab Code:	R1105622-003	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	265013
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\101211\K0652.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.15	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.15	
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.14	
75-34-3	1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.10	
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.17	
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24	
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.19	
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.27	
106-46-7	1,4-Dichlorobenzene	**0.32**	J	1.0	0.22	
110-75-8	2-Chloroethyl Vinyl Ether	10	U	10	0.45	
107-02-8	Acrolein	10	U	10	2.3	
107-13-1	Acrylonitrile	10	U	10	0.50	
71-43-2	Benzene	1.0	U	1.0	0.14	
75-27-4	Bromodichloromethane	1.0	U	1.0	0.11	
75-25-2	Bromoform	1.0	U	1.0	0.12	
74-83-9	Bromomethane	1.0	U	1.0	0.39	
56-23-5	Carbon Tetrachloride	1.0	U	1.0	0.18	
108-90-7	Chlorobenzene	1.0	U	1.0	0.14	
75-00-3	Chloroethane	1.0	U	1.0	0.18	
67-66-3	Chloroform	1.0	U	1.0	0.10	
74-87-3	Chloromethane	1.0	U	1.0	0.28	
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.13	
75-09-2	Methylene Chloride	1.0	U	1.0	0.18	
100-41-4	Ethylbenzene	1.0	U	1.0	0.22	
127-18-4	Tetrachloroethene (PCE)	1.0	U	1.0	0.21	
108-88-3	Toluene	1.0	U	1.0	0.12	
79-01-6	Trichloroethene (TCE)	**0.13**	J	1.0	0.13	
75-69-4	Trichlorofluoromethane (CFC 11)	**0.19**	J	1.0	0.10	
75-01-4	Vinyl Chloride	1.0	U	1.0	0.14	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.10	
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.16	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.14	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105622
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/10/11 0915
Sample Matrix:	Water	**Date Received:**	10/11/11
		Date Analyzed:	10/12/11 13:13
Sample Name:	006D-4Q1M-1X-GV-RS	**Units:**	Percent
Lab Code:	R1105622-003	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	265013
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\101211\K0652.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	97	79-123	10/12/11 13:13	
4-Bromofluorobenzene	98	79-119	10/12/11 13:13	
Toluene-d8	105	83-120	10/12/11 13:13	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105622
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/10/11
Sample Matrix:	Water	**Date Received:**	10/11/11
		Date Analyzed:	10/12/11 1313

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

Sample Name:	006D-4Q1M-1X-GV-RS	**Units:**	µg/L
Lab Code:	R1105622-003	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

Client:	General Electric Company	**Service Request:**	R1105622
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	10/12/11 12:37
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1110204-04	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	265013
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\101211\K0651.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

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

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105622
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	10/12/11 12:37
Sample Name:	Method Blank	**Units:**	Percent
Lab Code:	RQ1110204-04	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	265013
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\101211\K0651.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	98	79-123	10/12/11 12:37	
4-Bromofluorobenzene	100	79-119	10/12/11 12:37	
Toluene-d8	104	83-120	10/12/11 12:37	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105622
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	10/12/11 1237

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:	RQ1110204-04	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

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

Service Request: R1105622
Date Collected: NA
Date Received: NA
Date Extracted: 10/12/11
Date Analyzed: 10/14/11 12:45

Sample Name: Method Blank
Lab Code: RQ1110155-01

Units: µg/L
Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C
Data File Name: J:\ACQUDATA\5973D\DATA\101411\AH326.D\

Analysis Lot: 265503
Extraction Lot: 143972
Instrument Name: R-MS-54
Dilution Factor: 1

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

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105622
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Extracted:	10/12/11
		Date Analyzed:	10/14/11 12:45
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1110155-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	265503
Prep Method:	EPA 3510C	**Extraction Lot:**	143972
Data File Name:	J:\ACQUDATA\5973D\DATA\101411\AH326.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

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

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol		28-157	10/14/11 12:45	
2-Fluorobiphenyl		39-119	10/14/11 12:45	
2-Fluorophenol		10-105	10/14/11 12:45	
Nitrobenzene-d5		37-117	10/14/11 12:45	
Phenol-d6		10-107	10/14/11 12:45	
p-Terphenyl-d14		40-133	10/14/11 12:45	

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: R1105622
Date Analyzed: 10/12/11

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

Analytical Method: 624

Units: µg/L
Basis: NA

Analysis Lot: 265013

Lab Control Sample
RQ1110204-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	25.4	20.0	127	52 - 162
1,1,2,2-Tetrachloroethane	17.1	20.0	86	46 - 157
1,1,2-Trichloroethane	17.9	20.0	89	52 - 150
1,1-Dichloroethane (1,1-DCA)	24.7	20.0	123	59 - 155
1,1-Dichloroethene (1,1-DCE)	25.6	20.0	128	0 - 234
1,2-Dichlorobenzene	18.2	20.0	91	18 - 190
1,2-Dichloroethane	19.5	20.0	97	49 - 155
1,2-Dichloropropane	21.0	20.0	105	0 - 210
1,3-Dichlorobenzene	20.3	20.0	101	59 - 156
1,4-Dichlorobenzene	19.4	20.0	97	18 - 190
2-Chloroethyl Vinyl Ether	17.8	20.0	89	0 - 305
Acrolein	104	100	104	10 - 174
Acrylonitrile	101	100	101	61 - 141
Benzene	21.5	20.0	107	37 - 151
Bromodichloromethane	20.8	20.0	104	35 - 155
Bromoform	18.0	20.0	90	45 - 169
Bromomethane	23.0	20.0	115	0 - 242
Carbon Tetrachloride	23.7	20.0	118	70 - 140
Chlorobenzene	19.9	20.0	99	37 - 160
Chloroethane	26.0	20.0	130	14 - 230
Chloroform	24.6	20.0	123	51 - 138
Chloromethane	24.4	20.0	122	0 - 273
Chlorodibromomethane	19.9	20.0	99	53 - 149
Dichlorodifluoromethane (CFC 12)	23.6	20.0	118	47 - 148
Methylene Chloride	23.0	20.0	115	0 - 221
Ethylbenzene	21.7	20.0	108	37 - 162
Tetrachloroethene (PCE)	22.7	20.0	113	64 - 148
Toluene	20.9	20.0	104	47 - 150
Trichloroethene (TCE)	21.2	20.0	106	71 - 157
Trichlorofluoromethane (CFC 11)	29.6	20.0	148	17 - 181
Vinyl Chloride	27.7	20.0	138	0 - 251
cis-1,3-Dichloropropene	18.8	20.0	94	0 - 227

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

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	General Electric Company	**Service Request:**	R1105622
Project:	GE -Pittsfield NPDES	**Date Analyzed:**	10/12/11
Sample Matrix:	Water		

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: 265013

Lab Control Sample
RQ1110204-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
trans-1,2-Dichloroethene	24.0	20.0	120	54 - 156
trans-1,3-Dichloropropene	19.1	20.0	96	17 - 183

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

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: R1105622
Date Analyzed: 10/14/11

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 143972

	Lab Control Sample RQ1110155-02				Duplicate Lab Control Sample RQ1110155-03					
Analyte Name	**Result**	**Spike Amount**	**% Rec**		**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	55.9	100	56		62.1	100	62	29 - 85	11	30
1,2-Diphenylhydrazine	79.1	100	79		81.4	100	81	64 - 114	3	30
2,4,6-Trichlorophenol	89.4	100	89		95.2	100	95	37 - 144	6	30
2,4-Dichlorophenol	79.8	100	80		85.7	100	86	39 - 135	7	30
2,4-Dimethylphenol	75.7	100	76		78.8	100	79	32 - 119	4	30
2,4-Dinitrophenol	82.6	100	83		87.5	100	88	0 - 191	6	30
2,4-Dinitrotoluene	95.7	100	96		104	100	104	39 - 139	8	30
2,6-Dinitrotoluene	94.3	100	94		102	100	102	50 - 158	8	30
2-Chloronaphthalene	69.7	100	70		74.7	100	75	60 - 118	7	30
2-Chlorophenol	71.2	100	71		74.1	100	74	23 - 134	4	30
2-Nitrophenol	72.3	100	72		80.9	100	81	29 - 182	11	30
3,3'-Dichlorobenzidine	81.6	100	82		77.5	100	77	0 - 262	5	30
4,6-Dinitro-o-cresol	93.0	100	93		97.3	100	97	0 - 181	4	30
4-Bromophenyl Phenyl Ether	91.8	100	92		95.3	100	95	53 - 127	4	30
4-Chloro-m-cresol	82.4	100	82		84.9	100	85	22 - 147	3	30
4-Chlorophenyl Phenyl Ether	86.9	100	87		92.5	100	92	25 - 158	6	30
4-Nitrophenol	34.5	100	34		35.8	100	36	0 - 132	4	30
Acenaphthene	81.9	100	82		87.4	100	87	47 - 145	6	30
Acenaphthylene	84.4	100	84		90.7	100	91	33 - 145	7	30
Anthracene	91.5	100	92		94.9	100	95	27 - 133	4	30
Benz(a)anthracene	94.3	100	94		94.4	100	94	33 - 143	<1	30
Benzidine	84.3	100	84	*	28.1	100	28	10 - 78	100	* 30
Benzo(a)pyrene	90.1	100	90		91.0	100	91	17 - 163	<1	30
3,4-Benzofluoranthene	97.7	100	98		97.5	100	97	24 - 159	<1	30
Benzo(g,h,i)perylene	97.9	100	98		96.1	100	96	0 - 219	2	30
Benzo(k)fluoranthene	100	100	100		100	100	100	11 - 162	<1	30
Bis(1-chloroisopropyl) Ether	72.6	100	73		78.4	100	78	36 - 166	8	30
Bis(2-chloroethoxy)methane	78.7	100	79		83.1	100	83	33 - 184	5	30
Bis(2-chloroethyl) Ether	73.5	100	73		75.1	100	75	12 - 158	2	30
Bis(2-ethylhexyl) Phthalate	88.3	100	88		90.4	100	90	8 - 158	2	30
Butyl Benzyl Phthalate	81.3	100	81		82.4	100	82	0 - 152	1	30
Chrysene	94.8	100	95		95.8	100	96	17 - 168	<1	30

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

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: R1105622
Date Analyzed: 10/14/11

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 143972

	Lab Control Sample RQ1110155-02			Duplicate Lab Control Sample RQ1110155-03					
Analyte Name	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Di-n-butyl Phthalate	91.6	100	92	95.4	100	95	1 - 118	4	30
Di-n-octyl Phthalate	89.1	100	89	93.2	100	93	4 - 146	4	30
Dibenz(a,h)anthracene	94.3	100	94	93.7	100	94	0 - 227	<1	30
Diethyl Phthalate	90.4	100	90	95.0	100	95	0 - 114	5	30
Dimethyl Phthalate	89.1	100	89	93.4	100	93	0 - 112	5	30
Fluoranthene	100	100	100	103	100	103	26 - 137	3	30
Fluorene	89.8	100	90	94.8	100	95	59 - 121	5	30
Hexachlorobenzene	92.9	100	93	95.9	100	96	0 - 152	3	30
Hexachlorobutadiene	57.1	100	57	63.2	100	63	24 - 116	10	30
Hexachlorocyclopentadiene	56.3	100	56	64.2	100	64	10 - 79	13	30
Hexachloroethane	46.8	100	47	53.9	100	54	40 - 113	14	30
Indeno(1,2,3-cd)pyrene	91.3	100	91	90.2	100	90	0 - 171	1	30
Isophorone	79.9	100	80	83.3	100	83	21 - 196	4	30
N-Nitrosodi-n-propylamine	74.9	100	75	78.6	100	79	0 - 230	5	30
N-Nitrosodimethylamine	47.7	100	48	51.0	100	51	34 - 130	7	30
N-Nitrosodiphenylamine	87.4	100	87	89.5	100	89	50 - 117	2	30
Naphthalene	63.0	100	63	69.7	100	70	21 - 133	10	30
Nitrobenzene	78.3	100	78	82.3	100	82	35 - 180	5	30
Pentachlorophenol (PCP)	84.3	100	84	90.5	100	91	14 - 176	7	30
Phenanthrene	94.3	100	94	97.4	100	97	54 - 120	3	30
Phenol	32.8	100	33	34.2	100	34	5 - 112	4	30
Pyrene	92.2	100	92	93.2	100	93	52 - 115	1	30

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

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

Columbia Analytical Services

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

SR #

CAS Contact

1 Mustard Street, Suite 250, Rochester, NY 14609 | 585.288.5380 | 800.695.7222 | 585.288.8475 (fax) PAGE 1 OF 1

Project Name	NPDES Permit	Project Number	
Project Manager	Sean Coyle	Report CC	
Company/Address	Veolia Water (GE CEP)		
	1000 East St.		
	Pittsfield MA 01201		
Phone #	413-494-6709	FAX#	413-494-7052
Sampler's Signature		Sampler's Printed Name	BILL EAGAN

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

PRESERVATIVE: 0 0 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)	624, 625								REMARKS/ ALTERNATE DESCRIPTION
(1)006D-4Q1M-1X-GV		10/6/11	9:45	H_2O	3	X															
(2)006D-4Q1M-1X-GV		10/6/11	9:45	H_2O	3								X								
(3)006D-4Q1M-1X-GS		10/6/11	9:45	H_2O	1		X														
(1) Trip Blank		10/6/11	9:45	H_2O	3	X															
(2) Trip Blank		10/6/11	9:45	H_2O	3								X								

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

SPECIAL INSTRUCTIONS/COMMENTS

Metals

(1) EPA 624 Acrolein & Acrylonitrite (unpreserved)

(2) Full EPA 624 list excluding Acrolein & Acrylonitrite (preserved)

(3) Full EPA 625 list

EPA 624 & 625 list included with COC's **Samples packed in ice**

Dry Weather Samples X

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 Rep

Edata ____ Yes ____ No

INVOICE INFORMATION

PO#

BILL TO

R1105622
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	
Signature	Signature	Signature	Signature	Signature	Signature
Printed Name BILL EAGAN	Printed Name	Printed Name	Printed Name	Printed Name	Printed Name
Firm GE	Firm	Firm	Firm	Firm	Firm
Date/Time 10/12/11 2:30pm	Date/Time	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Return to Originator; Yellow - Lab Copy

SCOC Rev 3.1

R1105622
Veolia Water North America
GE -Pittsfield NPDES

Cooler Receipt And Preservation Check Form

Project/Client GE Folder Number R11-5622

Cooler received on 10/8/11 by: DM COURIER: CAS UPS ~~FEDEX~~ VELOCITY CLIENT

1.	Were custody seals on outside of cooler?	YES	NO			
2.	Were custody papers properly filled out (ink, signed, etc.)?	YES	NO			
3.	Did all bottles arrive in good condition (unbroken)?	YES	NO			
4.	Did VOA vials, Alkalinity, or Sulfide have significant* air bubbles?	YES	NO	N/A		
5.	Were ~~Ice~~ or **Ice packs** present?	~~YES~~	NO			
6.	Where did the bottles originate?	~~CAS/ROC~~, CLIENT				
7.	Temperature of cooler(s) upon receipt:	1.1°				
	Is the temperature within 0° - 6° C?:	~~Yes~~	Yes	Yes	Yes	Yes
	If No, Explain Below	No	No	No	No	No

Date/Time Temperatures Taken: 10/8/11 1025

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: DM

Cooler Breakdown: Date: 10/10/11 Time: 10:35 by: AR

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	*	*						

*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: 060611-102

Other Comments:

PC Secondary Review: DM

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

H:\SMODOCS\Cooler Receipt 3.doc

Columbia Analytical Services

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

SR #

CAS Contact

www.caslab.com 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: [signature] Sampler's Printed Name: Dave Moro

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

PRESERVATIVE: 0 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)	UCC EPA 624								
1) 0220-40IM-1K-GV-RS		10/10/11	9?? Am	H2O	3	X															
2) 0220-40IM-1K-GV-RS		10/10/11	9?? 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 ____

REMARKS: ALTERNATE DESCRIPTION

SPECIAL INSTRUCTIONS/COMMENTS
Metals
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 L

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
Edata ____ Yes ____

INVOICE INFORMATION
PO#
BILL TO

R1105622
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	
Signature: [signature]	Signature: [signature]	Signature	Signature	Signature	Signature
Printed Name: Dave Moro	Printed Name: Amy Hentschke	Printed Name	Printed Name	Printed Name	Printed Name
Firm: VWNA	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time: 10/11/11 2??	Date/Time: 10/11/11 0940	Date/Time	Date/Time	Date/Time	Date/Time

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

SCOC-1102-08

R1105622
Veolia Water North America
GE -Pittsfield NPDES

Cooler Receipt And Preservation Check Form

Project/Client GE-Pittsfield Folder Number B11-5622

Cooler received on 10/11/11 by: COURIER: CAS UPS (FEDEX) VELOCITY CLIENT

1.	Were custody seals on outside of cooler?	(YES)	NO			
2.	Were custody papers properly filled out (ink, signed, etc.)?	(YES)	NO			
3.	Did all bottles arrive in good condition (unbroken)?	(YES)	NO			
4.	Did VOA vials, Alkalinity, or Sulfide have significant* air bubbles?	YES	(NO)	N/A		
5.	Were **Ice** or **Ice packs** present?	(YES)	NO			
6.	Where did the bottles originate?	(CAS/ROC,)	CLIENT			
7.	Temperature of cooler(s) upon receipt:	2.5°				
	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: 10/11/11 0946

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: 10/11/11 Time: 10:12 by: (AD)

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				
Residual Chlorine (-)	For TCN and Phenol			If present, contact PM to add ascorbic acid	
	$Na_2S_2O_3$	-	-		
	Zn Aceta	-	-		
	HCl	*	*	1111060	8/12

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: 1-087-002, 0-319-005

Other Comments:

PC Secondary Review: _____

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

H:\SMODOCS\Cooler Receipt 3.doc

Columbia Analytical Services
1565 Jefferson Rd, Building 300, Suite 360 | Rochester, NY 14623 | 585-288-5380 | 585-288-8475 fax |

October 26, 2011 Service Request No: R1105787

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 October 18, 2011. For your reference, these analyses have been assigned our service request number **R1105787**.

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7473. 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.:**	R1105787
Project:	NPDES	**Date Received:**	10/18/11
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

Thee water samples and two Trip Blanks were received for analysis at Columbia Analytical Services on 10/18/11. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were stored in a refrigerator between 1°C and 6°C upon receipt at the laboratory.

Volatile Organics

Two preserved VOA samples were archived and only the unpreserved portion was analyzed. All samples were analyzed within the 3 day holding time for Acrolein.

No analytical or quality control problems were encountered during analysis.

Extractable Organics

The Duplicate Laboratory Control Sample for Hexachloroethane was outside of the control limits low and has been flagged with a "*". All Laboratory Control Samples were within limits and therefore no data was affected. The RPD for Benzidine, Hexachloroethane and Hexachlorobutadiene were outside of the control limits high and have been flagged with a "*".

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

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

Approved by _____ Date 10/20/11

CASE NARRATIVE

This report contains analytical results for the following samples:
Service Request Number: R1105787

Lab ID	Client ID
R1105787-001	006D-4Q1M-2X-GV
R1105787-003	006D-4Q1M-2X-GS
R1105787-004	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. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% (25% for CLP) difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
X	See Case Narrative for discussion.

ACCREDITED IN ACCORDANCE WITH nelac

CAS/Rochester Lab ID # for Massachusetts Certification

M-NY032

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

The Commonwealth of Massachusetts

Department of Environmental Protection

Division of Environmental Analysis
Senator William X. Wall Experiment Station

certifies

M-NY032

COLUMBIA ANALYTICAL SERVICES
1565 JEFFERSON RD
BUILDING 300, SUITE 360
ROCHESTER, NY 14623-0000

Laboratory Director: **Michael K. Perry**

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

pursuant to 310 CMR 42.00

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

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

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

Issued: **01 JUL 2011**

Expires: **30 JUN 2012**

Oscar C. Parcaba

Director, Division of Environmental Analysis

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 25 AUG 2011

M-NY032 COLUMBIA ANALYTICAL SERVICES
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY) Effective Date 25 AUG 2011 Expiration Date 30 JUN 2012

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

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 25 AUG 2011

M-NY032 COLUMBIA ANALYTICAL SERVICES
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY) Effective Date 25 AUG 2011 Expiration Date 30 JUN 2012

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
POLYCHLORINATED BIPHENYLS (WATEF	EPA 608

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105787
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/17/11 1000
Sample Matrix:	Water	**Date Received:**	10/18/11
		Date Analyzed:	10/19/11 14:41
Sample Name:	006D-4Q1M-2X-GV	**Units:**	µg/L
Lab Code:	R1105787-001	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	265860
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\101911\K0713.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.15	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.15	
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.14	
75-34-3	1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.10	
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.22	
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.17	
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24	
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.19	
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.27	
106-46-7	1,4-Dichlorobenzene	**0.42**	J	1.0	0.22	
110-75-8	2-Chloroethyl Vinyl Ether	10	U	10	0.45	
107-02-8	Acrolein	10	U	10	2.3	
107-13-1	Acrylonitrile	10	U	10	0.50	
71-43-2	Benzene	1.0	U	1.0	0.14	
75-27-4	Bromodichloromethane	1.0	U	1.0	0.11	
75-25-2	Bromoform	1.0	U	1.0	0.12	
74-83-9	Bromomethane	1.0	U	1.0	0.39	
56-23-5	Carbon Tetrachloride	1.0	U	1.0	0.18	
108-90-7	Chlorobenzene	1.0	U	1.0	0.14	
75-00-3	Chloroethane	1.0	U	1.0	0.18	
67-66-3	Chloroform	1.0	U	1.0	0.10	
74-87-3	Chloromethane	1.0	U	1.0	0.28	
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.13	
75-09-2	Methylene Chloride	1.0	U	1.0	0.18	
100-41-4	Ethylbenzene	1.0	U	1.0	0.22	
127-18-4	Tetrachloroethene (PCE)	1.0	U	1.0	0.21	
108-88-3	Toluene	1.0	U	1.0	0.12	
79-01-6	Trichloroethene (TCE)	**0.19**	J	1.0	0.13	
75-69-4	Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.10	
75-01-4	Vinyl Chloride	1.0	U	1.0	0.14	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.10	
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.16	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.14	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105787
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/17/11 1000
Sample Matrix:	Water	**Date Received:**	10/18/11
		Date Analyzed:	10/19/11 14:41
Sample Name:	006D-4Q1M-2X-GV	**Units:**	Percent
Lab Code:	R1105787-001	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	265860
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\101911\K0713.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	97	79-123	10/19/11 14:41	
4-Bromofluorobenzene	94	79-119	10/19/11 14:41	
Toluene-d8	105	83-120	10/19/11 14:41	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105787
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/17/11
Sample Matrix:	Water	**Date Received:**	10/18/11
		Date Analyzed:	10/19/11 1441

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

Sample Name:	006D-4Q1M-2X-GV	**Units:**	µg/L
Lab Code:	R1105787-001	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105787
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/17/11 1005
Sample Matrix:	Water	**Date Received:**	10/18/11
		Date Extracted:	10/18/11
		Date Analyzed:	10/19/11 21:04
Sample Name:	006D-4Q1M-2X-GS	**Units:**	µg/L
Lab Code:	R1105787-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	265988
Prep Method:	EPA 3510C	**Extraction Lot:**	144401
Data File Name:	J:\ACQUDATA\5973D\DATA\101911\AH375.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
83-32-9	Acenaphthene	4.7	U	4.7	1.2	
208-96-8	Acenaphthylene	4.7	U	4.7	1.0	
120-12-7	Anthracene	4.7	U	4.7	1.0	
92-87-5	Benzidine	94	U	94	53	
56-55-3	Benz(a)anthracene	4.7	U	4.7	1.0	
50-32-8	Benzo(a)pyrene	4.7	U	4.7	1.0	
205-99-2	Benzo(b)fluoranthene	4.7	U	4.7	1.0	
191-24-2	Benzo(g,h,i)perylene	4.7	U	4.7	1.0	
207-08-9	Benzo(k)fluoranthene	4.7	U	4.7	1.1	
85-68-7	Butyl Benzyl Phthalate	4.7	U	4.7	1.0	
84-74-2	Di-n-butyl Phthalate	4.7	U	4.7	1.0	
193-39-5	Indeno(1,2,3-cd)pyrene	4.7	U	4.7	1.0	
111-91-1	Bis(2-chloroethoxy)methane	4.7	U	4.7	1.3	
111-44-4	Bis(2-chloroethyl) Ether	4.7	U	4.7	1.0	
91-58-7	2-Chloronaphthalene	4.7	U	4.7	1.0	
95-57-8	2-Chlorophenol	4.7	U	4.7	1.3	
108-60-1	2,2'-Oxybis(1-chloropropane)	4.7	U	4.7	1.4	
218-01-9	Chrysene	4.7	U	4.7	1.2	
53-70-3	Dibenz(a,h)anthracene	4.7	U	4.7	1.0	
91-94-1	3,3'-Dichlorobenzidine	4.7	U	4.7	1.5	
120-83-2	2,4-Dichlorophenol	4.7	U	4.7	1.0	
84-66-2	Diethyl Phthalate	4.7	U	4.7	1.0	
131-11-3	Dimethyl Phthalate	4.7	U	4.7	1.0	
105-67-9	2,4-Dimethylphenol	4.7	U	4.7	2.2	
51-28-5	2,4-Dinitrophenol	47	U	47	34	
121-14-2	2,4-Dinitrotoluene	4.7	U	4.7	1.2	
606-20-2	2,6-Dinitrotoluene	4.7	U	4.7	1.3	
122-66-7	1,2-Diphenylhydrazine	4.7	U	4.7	1.0	
117-81-7	Bis(2-ethylhexyl) Phthalate	4.7	U	4.7	1.2	
206-44-0	Fluoranthene	4.7	U	4.7	1.0	
86-73-7	Fluorene	4.7	U	4.7	1.1	
118-74-1	Hexachlorobenzene	4.7	U	4.7	1.1	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105787
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/17/11 1005
Sample Matrix:	Water	**Date Received:**	10/18/11
		Date Extracted:	10/18/11
		Date Analyzed:	10/19/11 21:04
Sample Name:	006D-4Q1M-2X-GS	**Units:**	µg/L
Lab Code:	R1105787-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	265988
Prep Method:	EPA 3510C	**Extraction Lot:**	144401
Data File Name:	J:\ACQUDATA\5973D\DATA\101911\AH375.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

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

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
p-Terphenyl-d14	104	40-133	10/19/11 21:04	
Nitrobenzene-d5	71	37-117	10/19/11 21:04	
Phenol-d6	23	10-107	10/19/11 21:04	
2-Fluorobiphenyl	69	39-119	10/19/11 21:04	
2-Fluorophenol	37	10-105	10/19/11 21:04	
2,4,6-Tribromophenol	94	28-157	10/19/11 21:04	

Client:	General Electric Company	**Service Request:**	R1105787
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/17/11 0850
Sample Matrix:	Water	**Date Received:**	10/18/11
		Date Analyzed:	10/19/11 15:17
Sample Name:	Trip Blank	**Units:**	µg/L
Lab Code:	R1105787-004	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	265860
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\101911\K0714.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

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

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105787
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/17/11 0850
Sample Matrix:	Water	**Date Received:**	10/18/11
		Date Analyzed:	10/19/11 15:17
Sample Name:	Trip Blank	**Units:**	Percent
Lab Code:	R1105787-004	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	265860
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\101911\K0714.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	98	79-123	10/19/11 15:17	
4-Bromofluorobenzene	95	79-119	10/19/11 15:17	
Toluene-d8	104	83-120	10/19/11 15:17	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105787
Project:	GE -Pittsfield NPDES	**Date Collected:**	10/17/11
Sample Matrix:	Water	**Date Received:**	10/18/11
		Date Analyzed:	10/19/11 1517

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:	R1105787-004	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105787
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	10/19/11 13:10
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1110460-04	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	265860
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\101911\K0711.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

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

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105787
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	10/19/11 13:10
Sample Name:	Method Blank	**Units:**	Percent
Lab Code:	RQ1110460-04	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	265860
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\101911\K0711.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	102	79-123	10/19/11 13:10	
4-Bromofluorobenzene	96	79-119	10/19/11 13:10	
Toluene-d8	105	83-120	10/19/11 13:10	

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105787
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	10/19/11 1310

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:	RQ1110460-04	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105787
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Extracted:	10/18/11
		Date Analyzed:	10/19/11 11:33
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1110397-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	265988
Prep Method:	EPA 3510C	**Extraction Lot:**	144401
Data File Name:	J:\ACQUDATA\5973D\DATA\101911\AH361.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

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

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	General Electric Company	**Service Request:**	R1105787
Project:	GE -Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Extracted:	10/18/11
		Date Analyzed:	10/19/11 11:33
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1110397-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	265988
Prep Method:	EPA 3510C	**Extraction Lot:**	144401
Data File Name:	J:\ACQUDATA\5973D\DATA\101911\AH361.D\	**Instrument Name:**	R-MS-54
		Dilution Factor:	1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
87-68-3	Hexachlorobutadiene	5.0	U	5.0	1.3	
77-47-4	Hexachlorocyclopentadiene	5.0	U	5.0	2.0	
67-72-1	Hexachloroethane	5.0	U	5.0	1.3	
78-59-1	Isophorone	5.0	U	5.0	1.4	
534-52-1	4,6-Dinitro-2-methylphenol	50	U	50	22	
59-50-7	4-Chloro-3-methylphenol	5.0	U	5.0	1.0	
91-20-3	Naphthalene	5.0	U	5.0	1.1	
98-95-3	Nitrobenzene	5.0	U	5.0	1.3	
88-75-5	2-Nitrophenol	5.0	U	5.0	1.2	
100-02-7	4-Nitrophenol	50	U	50	9.4	
62-75-9	N-Nitrosodimethylamine	5.0	U	5.0	1.0	
86-30-6	N-Nitrosodiphenylamine	5.0	U	5.0	1.2	
117-84-0	Di-n-octyl Phthalate	5.0	U	5.0	1.1	
87-86-5	Pentachlorophenol (PCP)	50	U	50	23	
85-01-8	Phenanthrene	5.0	U	5.0	1.0	
108-95-2	Phenol	5.0	U	5.0	1.0	
101-55-3	4-Bromophenyl Phenyl Ether	5.0	U	5.0	1.0	
7005-72-3	4-Chlorophenyl Phenyl Ether	5.0	U	5.0	1.0	
621-64-7	N-Nitrosodi-n-propylamine	5.0	U	5.0	1.6	
129-00-0	Pyrene	5.0	U	5.0	1.0	
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	1.0	
88-06-2	2,4,6-Trichlorophenol	5.0	U	5.0	1.1	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
p-Terphenyl-d14	56	40-133	10/19/11 11:33	
Nitrobenzene-d5	57	37-117	10/19/11 11:33	
Phenol-d6	20	10-107	10/19/11 11:33	
2-Fluorobiphenyl	55	39-119	10/19/11 11:33	
2-Fluorophenol	32	10-105	10/19/11 11:33	
2,4,6-Tribromophenol	65	28-157	10/19/11 11:33	

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: R1105787
Date Analyzed: 10/19/11

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

Analytical Method: 624

Units: µg/L
Basis: NA

Analysis Lot: 265860

Lab Control Sample
RQ1110460-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	23.2	20.0	116	52 - 162
1,1,2,2-Tetrachloroethane	19.2	20.0	96	46 - 157
1,1,2-Trichloroethane	19.6	20.0	98	52 - 150
1,1-Dichloroethane (1,1-DCA)	22.0	20.0	110	59 - 155
1,1-Dichloroethene (1,1-DCE)	23.1	20.0	115	0 - 234
1,2-Dichlorobenzene	19.9	20.0	100	18 - 190
1,2-Dichloroethane	20.5	20.0	102	49 - 155
1,2-Dichloropropane	20.6	20.0	103	0 - 210
1,3-Dichlorobenzene	21.2	20.0	106	59 - 156
1,4-Dichlorobenzene	20.8	20.0	104	18 - 190
2-Chloroethyl Vinyl Ether	21.1	20.0	105	0 - 305
Acrolein	93.0	100	93	10 - 174
Acrylonitrile	97.9	100	98	61 - 141
Benzene	21.6	20.0	108	37 - 151
Bromodichloromethane	21.3	20.0	107	35 - 155
Bromoform	20.6	20.0	103	45 - 169
Bromomethane	21.5	20.0	107	0 - 242
Carbon Tetrachloride	23.5	20.0	117	70 - 140
Chlorobenzene	20.5	20.0	103	37 - 160
Chloroethane	24.2	20.0	121	14 - 230
Chloroform	22.2	20.0	111	51 - 138
Chloromethane	24.9	20.0	124	0 - 273
Chlorodibromomethane	21.6	20.0	108	53 - 149
Dichlorodifluoromethane (CFC 12)	29.5	20.0	148	47 - 148
Methylene Chloride	20.8	20.0	104	0 - 221
Ethylbenzene	22.5	20.0	113	37 - 162
Tetrachloroethene (PCE)	22.6	20.0	113	64 - 148
Toluene	20.7	20.0	104	47 - 150
Trichloroethene (TCE)	21.3	20.0	107	71 - 157
Trichlorofluoromethane (CFC 11)	26.5	20.0	133	17 - 181
Vinyl Chloride	26.1	20.0	130	0 - 251
cis-1,3-Dichloropropene	19.6	20.0	98	0 - 227

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

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: R1105787
Date Analyzed: 10/19/11

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

Analytical Method: 624

Units: µg/L
Basis: NA

Analysis Lot: 265860

Analyte Name	Lab Control Sample RQ1110460-03 Result	Spike Amount	% Rec	% Rec Limits
trans-1,2-Dichloroethene	21.4	20.0	107	54 - 156
trans-1,3-Dichloropropene	20.4	20.0	102	17 - 183

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

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: R1105787
Date Analyzed: 10/19/11

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 144401

	Lab Control Sample RQ1110397-02			Duplicate Lab Control Sample RQ1110397-03					
Analyte Name	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Acenaphthene	84.0	100	84	84.9	100	85	47 - 145	1	30
Acenaphthylene	86.8	100	87	87.4	100	87	33 - 145	<1	30
Anthracene	94.3	100	94	95.4	100	95	27 - 133	1	30
Benzidine	15.7	100	16	42.5	100	42	10 - 78	92 *	30
Benz(a)anthracene	93.4	100	93	92.8	100	93	33 - 143	<1	30
Benzo(a)pyrene	102	100	102	104	100	104	17 - 163	2	30
Benzo(b)fluoranthene	108	100	108	106	100	106	24 - 159	1	30
Benzo(g,h,i)perylene	108	100	108	110	100	110	0 - 219	2	30
Benzo(k)fluoranthene	111	100	111	113	100	113	11 - 162	2	30
Butyl Benzyl Phthalate	80.4	100	80	81.6	100	82	0 - 152	1	30
Di-n-butyl Phthalate	91.5	100	92	92.1	100	92	1 - 118	<1	30
Indeno(1,2,3-cd)pyrene	103	100	103	103	100	103	0 - 171	<1	30
Bis(2-chloroethoxy)methane	81.1	100	81	80.2	100	80	33 - 184	1	30
Bis(2-chloroethyl) Ether	78.3	100	78	75.6	100	76	12 - 158	3	30
2-Chloronaphthalene	71.5	100	71	71.5	100	72	60 - 118	<1	30
2-Chlorophenol	77.1	100	77	75.5	100	75	23 - 134	2	30
2,2'-Oxybis(1-chloropropane)	71.9	100	72	69.5	100	70	36 - 166	3	30
Chrysene	94.6	100	95	92.6	100	93	17 - 168	2	30
Dibenz(a,h)anthracene	105	100	105	106	100	106	0 - 227	1	30
3,3'-Dichlorobenzidine	76.4	100	76	82.2	100	82	0 - 262	7	30
2,4-Dichlorophenol	87.7	100	88	85.6	100	86	39 - 135	2	30
Diethyl Phthalate	89.9	100	90	91.4	100	91	0 - 114	2	30
Dimethyl Phthalate	89.8	100	90	90.4	100	90	0 - 112	<1	30
2,4-Dimethylphenol	79.3	100	79	76.9	100	77	32 - 119	3	30
2,4-Dinitrophenol	93.1	100	93	96.4	100	96	0 - 191	3	30
2,4-Dinitrotoluene	100	100	100	104	100	104	39 - 139	3	30
2,6-Dinitrotoluene	99.1	100	99	103	100	103	50 - 158	4	30
1,2-Diphenylhydrazine	79.0	100	79	79.0	100	79	64 - 114	<1	30
Bis(2-ethylhexyl) Phthalate	85.8	100	86	85.7	100	86	8 - 158	<1	30
Fluoranthene	101	100	101	101	100	101	26 - 137	<1	30
Fluorene	91.2	100	91	92.2	100	92	59 - 121	1	30
Hexachlorobenzene	98.0	100	98	99.1	100	99	0 - 152	1	30

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

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

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

Service Request: R1105787
Date Analyzed: 10/19/11

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 144401

	Lab Control Sample RQ1110397-02			Duplicate Lab Control Sample RQ1110397-03					
Analyte Name	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Hexachlorobutadiene	59.3	100	59	40.7	100	41	24 - 116	37 *	30
Hexachlorocyclopentadiene	65.0	100	65	58.3	100	58	10 - 79	11	30
Hexachloroethane	50.0	100	50	34.0	100	34 *	40 - 113	38 *	30
Isophorone	81.1	100	81	80.2	100	80	21 - 196	1	30
4,6-Dinitro-2-methylphenol	106	100	106	109	100	109	0 - 181	3	30
4-Chloro-3-methylphenol	85.6	100	86	85.3	100	85	22 - 147	<1	30
Naphthalene	65.2	100	65	54.2	100	54	21 - 133	18	30
Nitrobenzene	81.3	100	81	80.8	100	81	35 - 180	<1	30
2-Nitrophenol	86.0	100	86	86.7	100	87	29 - 182	<1	30
4-Nitrophenol	37.3	100	37	37.4	100	37	0 - 132	<1	30
N-Nitrosodimethylamine	51.5	100	52	50.2	100	50	34 - 130	3	30
N-Nitrosodiphenylamine	89.8	100	90	89.1	100	89	50 - 117	<1	30
Di-n-octyl Phthalate	99.4	100	99	102	100	102	4 - 146	2	30
Pentachlorophenol (PCP)	94.7	100	95	97.2	100	97	14 - 176	3	30
Phenanthrene	96.1	100	96	96.9	100	97	54 - 120	<1	30
Phenol	36.1	100	36	34.1	100	34	5 - 112	5	30
4-Bromophenyl Phenyl Ether	93.9	100	94	95.7	100	96	53 - 127	2	30
4-Chlorophenyl Phenyl Ether	89.1	100	89	90.4	100	90	25 - 158	1	30
N-Nitrosodi-n-propylamine	76.2	100	76	74.5	100	74	0 - 230	2	30
Pyrene	93.0	100	93	92.1	100	92	52 - 115	<1	30
1,2,4-Trichlorobenzene	57.5	100	58	44.1	100	44	29 - 85	26	30
2,4,6-Trichlorophenol	94.6	100	95	93.9	100	94	37 - 144	<1	30

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

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

Columbia Analytical Services

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: Dave Moro

Sampler's Printed Name: Dave Moro

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

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	PRESERVATIVE	GC/MS VOA's ☐8260 ☒624 ☐CLP	GC/MS SVOA's ☐8270 ☒625 ☐CLP	GC VOA's ☐8021 ☐601/602	PESTICIDES ☐8081 ☐608 ☐CLP	PCB's ☐8082 ☐608 ☐CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	VOC EPA 624	REMARKS ALTERNATE DESCRIPTION
1) 0030 - 401M - 2x - GV		10/17/11	10:30 Am	H2O	3		X								
2) 0060 - 401M - 2x - GV		10/17/11	10:25 Am	H2O	3								X		
3) 0030 - 401M - 2x - GV		10/17/11	10:25 Am	H2O	1			X							
4) Trip blank		10/17/11	8:30 Am	H2O	3		X								
5) Trip blank		10/17/11	8:35 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

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

See QAPP

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

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

INVOICE INFORMATION
PO#
BILL TO

R1105787
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	
Signature: Dave Moro	Signature: Amy Heintschke	Signature	Signature	Signature	Signature
Printed Name: Dave Moro	Printed Name: Amy Heintschke	Printed Name	Printed Name	Printed Name	Printed Name
Firm: VWNA	Firm: CEP	Firm	Firm	Firm	Firm
Date/Time: 10/17/11 2pm	Date/Time: 10/18/11 0949	Date/Time	Date/Time	Date/Time	Date/Time

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

SCOC-1102-05

Cooler Receipt And Preservation Check Form

Project/Client GE Pittsfield Folder Number R11-5787

Cooler received on 10/18/11 by: AW **COURIER:** CAS UPS (FEDEX) VELOCITY CLIENT

1.	Were custody seals on outside of cooler?	(YES)	NO			
2.	Were custody papers properly filled out (ink, signed, etc.)?	(YES)	NO			
3.	Did all bottles arrive in good condition (unbroken)?	(YES)	NO			
4.	Did VOA vials, Alkalinity, or Sulfide have significant* air bubbles?	YES	(NO)	N/A		
5.	Were **Ice** or **Ice packs** present?	(YES)	NO			
6.	Where did the bottles originate?	(CAS/ROC)	CLIENT			
7.	Temperature of cooler(s) upon receipt:	2.1°				
	Is the temperature within 0° - 6° C?:	(Yes)	Yes	Yes	Yes	Yes
	If No, Explain Below	No	No	No	No	No

Date/Time Temperatures Taken: 10/18/11 1001

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: 10/18/11 Time: 1120 by: AW

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				
Residual Chlorine (-)	For TCN and Phenol			If present, contact PM to add ascorbic acid	
	$Na_2S_2O_3$	-	-		
	Zn Aceta	-	-		
	HCl	*	*	411010	9/12

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: 1-132-00, 1-087-002, 060611-1W

Other Comments:

PC Secondary Review: _____

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	10/01/2011	**TO**	10/31/2011

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	NODI(9)	******	NODI(9)				
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	******	NODI(9)				
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Three Every Quarter	COMPOS
Oil & Grease	SAMPLE MEASUREMENT	******	******	******	******	******	NODI(9)				
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	******	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	******	NODI(9)				
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Three Every Quarter	COMPOS
Rainfall	SAMPLE MEASUREMENT	0.31	0.65	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, total	SAMPLE MEASUREMENT	0.0936	0.0963	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 PERMITTING PGM	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) 494-3202		11-14-2011
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	10/01/2011	TO	10/31/2011

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	NOD(9)	******	NOD(9)				
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	NOD(9)	NOD(9)		NOD(9)	******	NOD(9)				
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Quarterly	COMPOS
Oil & Grease	SAMPLE MEASUREMENT	******	******	******	******	******	NOD(9)				
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	******	******	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	NOD(9)	NOD(9)		NOD(9)	******	NOD(9)				
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Quarterly	COMPOS
Rainfall	SAMPLE MEASUREMENT	0.65	0.65	IN	******	******	******	******	0	DAILY WHEN DISCHARGING	TOTAL
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	0.0161	0.0161	MGD	******	******	******	******	0	CONT	RCORDR
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR
Number of Events	SAMPLE MEASUREMENT	1	******	~~#~~	******	******	******	******	0	DAILY WHEN DISCHARGING	VISUAL
51484 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. TOTAL	******	#	******	******	******	******		Daily When Discharging	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T CARROLL MGR. 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 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	(413)-448-5802 AREA Code / NUMBER		11-14-2011 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	10/01/2011	TO	10/31/2011

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Flow, total	SAMPLE MEASUREMENT	0.0161	0.0161	MGD	******	******	******	******	0	30/MONTH	RECORD
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413) 448-5702		11-16-2011
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 11 OF PERMIT. FLOW TOTAL SEE FOOTNOTE 4.

Attachment E - Outfall 06A Wet

Date	pH	TSS MG/L	FN	Oil & Grease MG/L	FN	PCB UG/L	FN	Metered Flow - MGD	Calculated Flow - MGD	FN	Rain/Precip Total - In	Rain/Precip Peak - In
10/01/11											0.02	0.01
10/02/11											0.22	0.06
10/03/11											0.32	0.15
10/04/11											0.13	0.08
10/05/11											0.06	0.06
10/06/11											0.00	0.00
10/07/11											0.00	0.00
10/08/11											0.00	0.00
10/09/11											0.00	0.00
10/10/11											0.00	0.00
10/11/11											0.00	0.00
10/12/11											0.00	0.00
10/13/11											0.07	0.07
10/14/11	8.62	135.00	C	U4.10	1,G	2.1110	C				0.23	0.16
10/15/11								0.0161			0.65	0.28
10/16/11											0.00	0.00
10/17/11											0.06	0.02
10/18/11											0.00	0.00
10/19/11											0.00	0.00
10/20/11											0.18	0.11
10/21/11											0.02	0.02
10/22/11											0.00	0.00
10/23/11											0.01	0.01
10/24/11											0.00	0.00
10/25/11											0.14	0.12
10/26/11											0.01	0.01
10/27/11											0.28	0.15
10/28/11											0.56	0.09
10/29/11											0.00	0.00
10/30/11											0.79	0.14
10/31/11											0.00	0.00

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	SRO5-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	10/01/2011	TO	10/31/2011

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Rainfall	SAMPLE MEASUREMENT	0.65	0.65	IN	******	******	******	******	0	DAILY WHEN DISCHARGING	TOTAL 2
46529 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	******	******	******	******		Daily When Discharging	TOTALZ
Number of Events	SAMPLE MEASUREMENT	1	******	#	******	******	******	******	0	DAILY WHEN DISCHARGING	VISUAL
51484 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. TOTAL	******	#	******	******	******	******		Daily When Discharging	VISUAL
Flow, total	SAMPLE MEASUREMENT	0.0393	0.0393	MGD	******	******	******	******	0	DAILY WHEN DISCHARGING	RCORDR
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Daily When Discharging	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR, PITTSFIELD BLDG & GRDS	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) 494-3992		11-14-2011
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	Rain/Precip Total - In	Rain/Precip Peak - In
10/01/11		0.02	0.01
10/02/11		0.22	0.06
10/03/11		0.32	0.15
10/04/11		0.13	0.08
10/05/11		0.06	0.06
10/06/11		0.00	0.00
10/07/11		0.00	0.00
10/08/11		0.00	0.00
10/09/11		0.00	0.00
10/10/11		0.00	0.00
10/11/11		0.00	0.00
10/12/11		0.00	0.00
10/13/11		0.07	0.07
10/14/11		0.23	0.16
10/15/11	0.0393	0.65	0.28
10/16/11		0.00	0.00
10/17/11		0.06	0.02
10/18/11		0.00	0.00
10/19/11		0.00	0.00
10/20/11		0.18	0.11
10/21/11		0.02	0.02
10/22/11		0.00	0.00
10/23/11		0.01	0.01
10/24/11		0.00	0.00
10/25/11		0.14	0.12
10/26/11		0.01	0.01
10/27/11		0.28	0.15
10/28/11		0.56	0.09
10/29/11		0.00	0.00
10/30/11		0.79	0.14
10/31/11		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	10/01/2011	TO	10/31/2011

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	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	0.20	0.32	IN	******	******	******	******	0	CONT	RECORDR
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	0.0147	0.0239	MGD	******	******	******	******	0	CONT	RECORDR
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR
Flow, total	SAMPLE MEASUREMENT	0.0470	0.0470	MGD	******	******	******	******	0	CONT	RECORDR
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T CARROLL MGR. 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) 494-1902		11-16-2011
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

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

Attachment E - Outfall 09B

Date	pH	TSS MG/L	FN	Oil & Grease MG/L	FN	PCB UG/L	FN	Metered Flow - MGD	Calculated Flow - MGD	FN	Rain/Precip Total - In	Rain/Precip Peak - In
10/01/11								0.0136			0.02	0.01
10/02/11								0.0093			0.22	0.06
10/03/11		2.90				0.0785		0.0470			0.32	0.15
10/04/11								0.0269			0.13	0.08
10/05/11								0.0204			0.06	0.06
10/06/11								0			0.00	0.00
10/07/11								0			0.00	0.00
10/08/11								0			0.00	0.00
10/09/11								0			0.00	0.00
10/10/11								0			0.00	0.00
10/11/11								0			0.00	0.00
10/12/11								0			0.00	0.00
10/13/11	7.28			U4.10				0.0055			0.07	0.07
10/14/11								0.0319			0.23	0.16
10/15/11								0.0839			0.65	0.28
10/16/11								0.0035			0.00	0.00
10/17/11								0.0083			0.06	0.02
10/18/11								0.0051			0.00	0.00
10/19/11								0.0054			0.00	0.00
10/20/11								0.0208			0.18	0.11
10/21/11								0			0.02	0.02
10/22/11								0.0017			0.00	0.00
10/23/11								0.0003			0.01	0.01
10/24/11								0			0.00	0.00
10/25/11								0.0159			0.14	0.12
10/26/11								0.0030			0.01	0.01
10/27/11								0.0388			0.28	0.15
10/28/11								0.0705			0.56	0.09
10/29/11								0.0244			0.00	0.00
10/30/11								0.0051			0.79	0.14
10/31/11								0.0131			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	10/01/2011	TO	10/31/2011

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	******	******	******	7.21	******	7.29	SU	0	2/MO	GRAB
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Twice Every Month	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	0.0165	0.0197	lbs/d	9.60	******	11.00	mg/L	0	2/MO	COMP24
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	******	******	******	0	******	0	mg/L	0	2/MO	GRAB
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	0.00000001	0.00000002	lbs/d	0.0767	******	0.0768	ug/L	0	2/MO	COMP24
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	0.0002	0.0003	MGD	******	******	******	******	0	2/MO	ESTIMA
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Twice Every Month	ESTIMA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T CARROLL	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413) 448-5902		11-14-2011
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 13 OF PERMIT. FLOW TOTAL SEE FOOTNOTE 4.

Attachment E - Outfall 009 Dry

Date	pH	TSS MG/L	FN	Oil & Grease MG/L	FN	PCB UG/L	FN	Estimated Flow - MGD (50050 1 0)	Estimated Flow - MGD (82220 1 0)	Rain/Precip Total - In	Rain/Precip Peak - In
10/01/11										0.02	0.01
10/02/11										0.22	0.06
10/03/11										0.32	0.15
10/04/11										0.13	0.08
10/05/11								0		0.06	0.06
10/06/11										0.00	0.00
10/07/11										0.00	0.00
10/08/11										0.00	0.00
10/09/11								0		0.00	0.00
10/10/11										0.00	0.00
10/11/11										0.00	0.00
10/12/11										0.00	0.00
10/13/11										0.07	0.07
10/14/11										0.23	0.16
10/15/11										0.65	0.28
10/16/11								0		0.00	0.00
10/17/11										0.06	0.02
10/18/11										0.00	0.00
10/19/11										0.00	0.00
10/20/11										0.18	0.11
10/21/11										0.02	0.02
10/22/11	7.29			U4.40	1,G					0.00	0.00
10/23/11	7.21	8.20	C	U4.10	1,G	0.0768	C	0	0.0003	0.01	0.01
10/24/11		11.00	C			0.0766	C		0.0001	0.00	0.00
10/25/11										0.14	0.12
10/26/11										0.01	0.01
10/27/11										0.28	0.15
10/28/11										0.56	0.09
10/29/11										0.00	0.00
10/30/11										0.79	0.14
10/31/11										0.00	0.00

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	W009-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	10/01/2011	TO	10/31/2011

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	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	0.0411	0.0705	MGD	******	******	******	******	0	CONT	RECORD
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T CARROLL MGR REMEDIATION & PROJECTS	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		11-14-2011
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

GE CEP Internal Chain of Custody Form

Pittsfield, MA — Grab Samples

NPDES Permit Number: MA0003891

COC#: 01-11/7/11 — Date: 11/7/11

Sampler: SEAN COYLE SC

Sampler: DAVE MARO (DM)

64G

Time: 7:05AM
Initials: SC
Eff. Flow (gpm): 169 GPM
O&G EPA 1664: 64G-4Q2M-1X-GO
O&G EPA 1664 (A): 64G-4Q2M-1X-GOA
VOC 624: 64G-4Q2M-1X-GV
SVOC 625: 64G-4Q2M-1X-GS

005

Time: 7:20AM
Initials: DM
005 Eff. Flow (gpm): 155 GPM
pH / Temp: 7.85@12°C
O&G EPA 1664: 005-4Q2M-1X-GO
O&G EPA 1664 (A): 005-4Q2M-1X-GOA

If Flooded

64G Eff. Flow (gpm):
64T Eff. Flow (gpm):
64G O&G EPA 1664:
64G O&G EPA 1664 (A):

005 Wet

Time:
Initials:
005 Eff. Flow (gpm):
pH / Temp:
O&G EPA 1664:
O&G EPA 1664 (A):

If Flooded

64G Eff. Flow (gpm):
64T Eff. Flow (gpm):
64G O&G EPA 1664:
64G O&G EPA 1664 (A):

05A Wet/Dry

Time: 7:30AM
Initials: DM
Eff. Flow (gpm): 0.1 GPM
pH / Temp: 7.16 @ 5.7°C
O&G EPA 1664: 05AD-4Q2M-1X-GO
O&G EPA 1664 (A): 05AD-4Q2M-1X-GOA

05B Wet

Time:
Initials:
Eff. Flow (gpm):
pH / Temp:
O&G EPA 1664:
O&G EPA 1664 (A):

06A Wet

Time:
Initials:
Eff. Flow (gpm):
pH / Temp:
O&G EPA 1664:
O&G EPA 1664 (A):

006 Wet/Dry

Time: 8:40 AM
Initials: DM
Eff. Flow (gpm): 0.5
pH / Temp: 7.56 @ 6.6°C
O&G EPA 1664: 006D-4Q2M-1X-GO
O&G EPA 1664 (A): 006D-4Q2M-1X-GOA
(Dry)VOC-624: 006D-4Q2M-1X-GV
(Dry)SVOC-625: 006D-4Q2M-1X-GS

009 Wet/Dry

Time: 7:10AM
Initials: DM
Eff. Flow (gpm): 0.1 GPM
pH / Temp: 7.24 @ 9.1°C
O&G EPA 1664: 009D-4Q2M-1X-GO
O&G EPA 1664 (A): 009D-4Q2M-1X-GOA

09B

Time:
Initials:
Eff. Flow (gpm):
pH / Temp:
O&G EPA 1664:
O&G EPA 1664 (A):

64T Dry

Time: 8:30AM
Initials: SC
Eff. Flow(gpm): 165 GPM
pH/Temp: 7.53@13°C
O&G EPA 1664: 64TD-4Q2M-1X-GO
O&G EPA 1664 (A): 64TD-4Q2M-1X-GOA

Comments:

GE CEP Internal Chain of Custody Form

Pittsfield, MA — Grab Samples

NPDES Permit Number: MA0003891

COC# 01 - 11/14/11 — Sampler: Dave Moro (DM)

Date: 11/14/11 — Sampler: _____

64G

Time: 7 20 AM
Initials: DM
Eff. Flow (gpm): 122
O&G EPA 1664: 64G - 402M - 2x - GO
O&G EPA 1664 (A): 64G - 402M - 2x - GOA
VOC 624: 64G - 402M - 2x - GV
SVOC 625: 64G - 402M - 2x - GS

005

Time: 7 00 AM
Initials: DM
005 Eff. Flow (gpm): 142
pH / Temp: 7.77 @ 14C
O&G EPA 1664: 005 - 402M - 2x - GO
O&G EPA 1664 (A): 005 - 402M - 2x - GOA

If Flooded

64G Eff. Flow (gpm): _____
64T Eff. Flow (gpm): _____
64G O&G EPA 1664: _____
64G O&G EPA 1664 (A): _____

005 Wet

Time: _____
Initials: _____
005 Eff. Flow (gpm): _____
pH / Temp: _____
O&G EPA 1664: _____
O&G EPA 1664 (A): _____

If Flooded

64G Eff. Flow (gpm): _____
64T Eff. Flow (gpm): _____
64G O&G EPA 1664: _____
64G O&G EPA 1664 (A): _____

05A Wet/Dry

Time: _____
Initials: _____
Eff. Flow (gpm): _____
pH / Temp: _____
O&G EPA 1664: _____
O&G EPA 1664 (A): _____

05B Wet

Time: _____
Initials: _____
Eff. Flow (gpm): _____
pH / Temp: _____
O&G EPA 1664: _____
O&G EPA 1664 (A): _____

06A Wet

Time: _____
Initials: _____
Eff. Flow (gpm): _____
pH / Temp: _____
O&G EPA 1664: _____
O&G EPA 1664 (A): _____

006 Wet/Dry

Time: 8 20 AM
Initials: DM
Eff. Flow (gpm): 0.2
pH / Temp: —
O&G EPA 1664: —
O&G EPA 1664 (A): —
(Dry)VOC-624: 006D - 402M - 2x - GV
(Dry)SVOC-625: 006D - 402M - 2x - GS

009 Wet/Dry

Time: _____
Initials: _____
Eff. Flow (gpm): _____
pH / Temp: _____
O&G EPA 1664: _____
O&G EPA 1664 (A): _____

09B

Time: _____
Initials: _____
Eff. Flow (gpm): _____
pH / Temp: _____
O&G EPA 1664: _____
O&G EPA 1664 (A): _____

64T Dry

Time: _____
Initials: _____
Eff. Flow(gpm): _____
pH/Temp: _____
O&G EPA 1664: _____
O&G EPA 1664 (A): _____

Comments:

GE CEP Internal Chain of Custody Form

Pittsfield, MA — Grab Samples

NPDES Permit Number: MA0003891

COC# 03-11/14/11 — Date: 11/14/11

Sampler: D. MASSIMIANO Joseph C. [illegible]

Sampler: _____

64G

Time: _____
Initials: _____
Eff. Flow (gpm): _____
O&G EPA 1664: _____
O&G EPA 1664 (A): _____
VOC 624: _____
SVOC 625: _____

005

Time: _____
Initials: _____
005 Eff. Flow (gpm): _____
pH / Temp: _____
O&G EPA 1664: _____
O&G EPA 1664 (A): _____

If Flooded

64G Eff. Flow (gpm): _____
64T Eff. Flow (gpm): _____
64G O&G EPA 1664: _____
64G O&G EPA 1664 (A): _____

005 Wet

Time: 11:40 PM
Initials: DMM
005 Eff. Flow (gpm): 494
pH / Temp: 7.50 / 14.0°C
O&G EPA 1664: 005W-4Q-2X-60
O&G EPA 1664 (A): 005W-4Q-2X-60A

If Flooded

64G Eff. Flow (gpm): _____
64T Eff. Flow (gpm): _____
64G O&G EPA 1664: _____
64G O&G EPA 1664 (A): _____

05A Wet/Dry

Time: 11:40 PM
Initials: DMM
Eff. Flow (gpm): 76
pH / Temp: 7.73 / 10.0°C
O&G EPA 1664: 05AW-4Q-2X-60
O&G EPA 1664 (A): 05AW-4Q-2X-60A

05B Wet

Time: _____
Initials: _____
Eff. Flow (gpm): _____
pH / Temp: _____
O&G EPA 1664: _____
O&G EPA 1664 (A): _____

06A Wet

Time: _____
Initials: _____
Eff. Flow (gpm): _____
pH / Temp: _____
O&G EPA 1664: _____
O&G EPA 1664 (A): _____

006 Wet/Dry

Time: _____
Initials: _____
Eff. Flow (gpm): _____
pH / Temp: _____
O&G EPA 1664: _____
O&G EPA 1664 (A): _____
(Dry)VOC-624: _____
(Dry)SVOC-625: _____

009 Wet/Dry

Time: _____
Initials: _____
Eff. Flow (gpm): _____
pH / Temp: _____
O&G EPA 1664: _____
O&G EPA 1664 (A): _____

09B

Time: _____
Initials: _____
Eff. Flow (gpm): _____
pH / Temp: _____
O&G EPA 1664: _____
O&G EPA 1664 (A): _____

64T Dry

Time: _____
Initials: _____
Eff. Flow(gpm): _____
pH/Temp: _____
O&G EPA 1664: _____
O&G EPA 1664 (A): _____

Comments:

GE CEP Internal Chain of Custody Form

Pittsfield, MA — Grab Samples

NPDES Permit Number: MA0003891

COC# 01-11/15/11 — Sampler: G. MASSIMIANO

Date: 11/15/11 — Sampler: Joseph C. HAMLIN

64G
Time
Initials
Eff. Flow (gpm)
O&G EPA 1664
O&G EPA 1664 (A)
VOC 624
SVOC 625

005
Time
Initials
005 Eff. Flow (gpm)
pH / Temp
O&G EPA 1664
O&G EPA 1664 (A)

If Flooded
64G Eff. Flow (gpm)
64T Eff. Flow (gpm)
64G O&G EPA 1664
64G O&G EPA 1664 (A)

005 Wet
Time
Initials
005 Eff. Flow (gpm)
pH / Temp
O&G EPA 1664
O&G EPA 1664 (A)

If Flooded
64G Eff. Flow (gpm)
64T Eff. Flow (gpm)
64G O&G EPA 1664
64G O&G EPA 1664 (A)

05A Wet/ Dry
Time
Initials
Eff. Flow (gpm)
pH / Temp
O&G EPA 1664
O&G EPA 1664 (A)

05B Wet
Time
Initials
Eff. Flow (gpm)
pH / Temp
O&G EPA 1664
O&G EPA 1664 (A)

06A Wet
Time
Initials
Eff. Flow (gpm)
pH / Temp
O&G EPA 1664
O&G EPA 1664 (A)

006 (Wet/) Dry
Time 12:05 AM
Initials GMM
Eff. Flow (gpm) 32
pH / Temp 7.69 / 9.6°C
O&G EPA 1664 006GW-4Q-2X-60
O&G EPA 1664 (A) 006GW-4Q-2X-60A
(Dry)VOC-624
(Dry)SVOC-625

009 Wet/ Dry
Time
Initials
Eff. Flow (gpm)
pH / Temp
O&G EPA 1664
O&G EPA 1664 (A)

09B
Time
Initials
Eff. Flow (gpm)
pH / Temp
O&G EPA 1664
O&G EPA 1664 (A)

64T Dry
Time:
Initials:
Eff. Flow(gpm):
pH/Temp:
O&G EPA 1664
O&G EPA 1664 (A)

Comments:

GE CEP Internal Chain of Custody Form

Pittsfield, MA — Grab Samples

NPDES Permit Number: MA0003891

COC# 01 - 11/18/11 — Sampler: Bill Eagan

Date: 11/18/11 — Sampler: _____

64G

Time: _____
Initials: _____
Eff. Flow (gpm): _____
O&G EPA 1664: _____
O&G EPA 1664 (A): _____
VOC 624: _____
SVOC 625: _____

005

Time: _____
Initials: _____
005 Eff. Flow (gpm): _____
pH / Temp: _____
O&G EPA 1664: _____
O&G EPA 1664 (A): _____

If Flooded

64G Eff. Flow (gpm): _____
64T Eff. Flow (gpm): _____
64G O&G EPA 1664: _____
64G O&G EPA 1664 (A): _____

005 Wet

Time: _____
Initials: _____
005 Eff. Flow (gpm): _____
pH / Temp: _____
O&G EPA 1664: _____
O&G EPA 1664 (A): _____

If Flooded

64G Eff. Flow (gpm): _____
64T Eff. Flow (gpm): _____
64G O&G EPA 1664: _____
64G O&G EPA 1664 (A): _____

05A Wet/Dry

Time: 820/pm
Initials: BE
Eff. Flow (gpm): 0.1
pH / Temp: 7.25 / 6.9 C°
O&G EPA 1664: 05AD-402M-2x-GO
O&G EPA 1664 (A): 05AD-402M-2x-GOA

05B Wet

Time: _____
Initials: _____
Eff. Flow (gpm): _____
pH / Temp: _____
O&G EPA 1664: _____
O&G EPA 1664 (A): _____

06A Wet

Time: _____
Initials: _____
Eff. Flow (gpm): _____
pH / Temp: _____
O&G EPA 1664: _____
O&G EPA 1664 (A): _____

006 Wet/Dry

Time: 845/pm
Initials: BE
Eff. Flow (gpm): BE ~~0.25~~ 0.3
pH / Temp: 7.4 / 7.8 °C°
O&G EPA 1664: 006D-402M-2x-GO
O&G EPA 1664 (A): 006D-402M-2x-GOA
(Dry)VOC-624: —
(Dry)SVOC-625: —

009 Wet/Dry

Time: 905/pm
Initials: BE
Eff. Flow (gpm): 0.1
pH / Temp: 7.16 / 10.0° C
O&G EPA 1664: 009D-402M-2x-GO
O&G EPA 1664 (A): 009D-402M-2x-GOA

09B

Time: _____
Initials: _____
Eff. Flow (gpm): _____
pH / Temp: _____
O&G EPA 1664: _____
O&G EPA 1664 (A): _____

64T Dry

Time: 1105/pm
Initials: BE
Eff. Flow(gpm): 280
pH/Temp: 7.4 / 14.0° C
O&G EPA 1664: 64TD-402M-2x-GO
O&G EPA 1664 (A): 64TD-402M-2x-GOA

Comments: