GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

Transmitted via Overnight Courier

July 9, 2012

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 June 2012 (GECD900)

Dear Mr. Tagliaferro and Mr. Gorski:

Enclosed are copies of General Electric's (GE's) monthly progress report for June 2012 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 /rwc

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 Daniel Bianchi, 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)

June 2012

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)
JUNE 2012

a. Activities Undertaken/Completed

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

- Continued development of updates to the Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), Project Operations Plan (POP), and Health and Safety Plan (HASP).*

- Completed informal discussions with EPA regarding GE's dispute of EPA's cost bill for fiscal year 2011; the dispute was not resolved through those discussions.*

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 May 1 through May 31, 2012 are provided in Attachment B to this report.

c. Work Plans/Reports/Documents Submitted

Submitted Revised Investigation, Oil Removal, and Capping Plan to EPA, presenting GE's plan to address certain inactive 10c oil pipelines running from the former Building 12F Tank Farm area (in East Street Area 2-North) across the northern edge of the Hill 78 Area Remainder to Building 51 (in the Unkamet Brook Area) (June 12, 2012).

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

- Continue NPDES Permit-related sampling and monitoring activities.

- Attend public and Citizens Coordinating Council (CCC) meetings, as appropriate.

- Continue development of, and submit to EPA, revisions to the FSP/QAPP, POP, and HASP to incorporate updates.*

- Submit to EPA, as well as U.S. Department of Justice and Commonwealth of Massachusetts, GE's Statement of Position invoking the formal dispute resolution procedures of the CD regarding EPA's cost bill for fiscal year 2011 (due by July 3, 2012), and receive EPA's responding Statement of Position (due by July 30, 2012).*

GENERAL ACTIVITIES
(cont'd)
GE-PITTSFIELD/HOUSATONIC RIVER SITE
(GECD900)
JUNE 2012

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- GE's dispute of EPA's cost bill for fiscal year 2011 remains pending.

- Discussions with EPA will be necessary regarding the need to evaluate the potential impact of EPA's new non-cancer reference dose (RfD) for dioxin on various areas of the Site.*

f. Proposed/Approved Work Plan Modifications

None

ITEM 1
PLANT AREA
20s, 30s, 40s COMPLEXES
(GECD120)
JUNE 2012

a. Activities Undertaken/Completed

The Pittsfield Economic Development Authority (PEDA) provided final drafts of Amended Grants of Environmental Restrictions and Easements (EREs) for the former 20s and 30s Complexes to EPA and MDEP for review.*

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- GE to execute a subordination agreement for the Amended ERE for the former 20s Complex.*
- GE to re-execute a previous subordination agreement for the Amended ERE for the former 30s Complex.*
- GE to execute a termination of its prior easement for Woodlawn bridge.

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)
JUNE 2012

a. Activities Undertaken/Completed

- Conducted Liquid Phase Carbon Absorption (LPCA) sampling at the Building 64G Groundwater Treatment Facility (GWTF), as indicated in Table 2-1.

- Conducted carbon drum sampling at the Building 64G GWTF, as indicated in Table 2-1.

- Received comments from EPA and MDEP on the revised draft ERE and associated survey plans transmitted to EPA in May 2012.*

- Continued discussions with the City of Pittsfield regarding transfer of the small City-owned property within East Street Area 2-South to GE.

- Performed spring 2012 inspection of natural resource restoration/enhancement (NRR/E) areas, combined with the Completion of Installation of Restoration Work inspection/meeting with the Natural Resource Trustees (June 12, 2012).*

- Performed a dry weather ambient monitoring event at Outfall 006 in accordance with GE's Dry Weather Ambient Monitoring Plan (see Table 2-1).

- Collected sediment depth measurements in "select" manholes and catch basins in accordance with GE's NPDES Permit.

- Completed north and south channel stormwater valve repairs at Oil/Water Separator 64X.

- Collected and transferred approximately 42,000 gallons of water generated during the 64X north and south channel stormwater valve repairs to the Building 64G GWTF for treatment.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted draft as-built survey drawings to EPA as part of the April 24, 2012 draft Final Completion Report (June 5, 2012).*

- Submitted report to EPA on spring 2012 semi-annual post-remediation inspection (June 28, 2012).*

ITEM 2
(cont'd)
PLANT AREA
EAST STREET AREA 2-SOUTH
(GECD150)
JUNE 2012

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

- Revise and re-transmit the ERE for this area to EPA and MDEP.*
- Prepare requests for subordination (or easement termination) agreements for the ERE for this area.*
- Continue discussions with the City of Pittsfield regarding transfer of the small City-owned property within East Street Area 2-South to GE.
- Submit report on spring 2012 inspection of NRR/E measures.*
- Perform summer 2012 inspection of NRR/E measures (July or August 2012).*
- Following receipt of comments from EPA and MDEP, revise the draft Final Completion Report for East Street Area 2-South.*
- Perform a dry weather ambient monitoring event at Outfall 05A in accordance with GE's Dry Weather Ambient Monitoring Plan.
- Perform a wet weather ambient monitoring event in accordance with GE's Wet Weather Ambient Monitoring Plan.

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 JUNE 2012

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 64 Carbon Drum Sampling	A5477	6/12/12	Carbon	SGS	PCB, VOC, SVOC, RCRA 8 Metals	6/27/12
Building 64G LPCA Monitoring	E12-64G-PC-13	5/29/12	Water	SGS	PCB	6/7/12
Building 64G LPCA Monitoring	E12-64G-PC-14	5/29/12	Water	SGS	PCB	6/7/12
Building 64G LPCA Monitoring	E12-64G-PC-15	5/29/12	Water	SGS	PCB	6/7/12
Building 64G LPCA Monitoring	E12-64G-PC-16	5/29/12	Water	SGS	PCB	6/7/12
Building 64G LPCA Monitoring	E12-64G-PC-17	5/29/12	Water	SGS	PCB	6/7/12
Building 64G LPCA Monitoring	F12-64G-01	6/24/12	Water	Columbia	VOC	
Building 64G LPCA Monitoring	F12-64G-02	6/24/12	Water	Columbia	VOC	
Building 64G LPCA Monitoring	F12-64G-03	6/24/12	Water	Columbia	VOC	
Building 64G LPCA Monitoring	F12-64G-04	6/24/12	Water	Columbia	VOC	
Building 64G LPCA Monitoring	F12-64G-05	6/24/12	Water	Columbia	SVOC	
Building 64G LPCA Monitoring	F12-64G-06	6/24/12	Water	Columbia	SVOC	
Building 64G LPCA Monitoring	F12-64G-07	6/24/12	Water	Columbia	SVOC	
Building 64G LPCA Monitoring	F12-64G-08	6/24/12	Water	Columbia	SVOC	
Building 64G LPCA Monitoring	F12-64G-09	6/24/12	Water	Columbia	VOC	
Building 64G LPCA Monitoring	F12-64G-10	6/24/12	Water	Columbia	VOC	
Building 64G LPCA Monitoring	F12-64G-11	6/24/12	Water	Columbia	VOC	
Building 64G LPCA Monitoring	F12-64G-12	6/24/12	Water	Columbia	VOC	
Building 64G LPCA Monitoring	F12-64G-PC-13	6/24/12	Water	SGS	PCB	6/29/12
Building 64G LPCA Monitoring	F12-64G-PC-14	6/24/12	Water	SGS	PCB	6/29/12
Building 64G LPCA Monitoring	F12-64G-PC-15	6/24/12	Water	SGS	PCB	6/29/12
Building 64G LPCA Monitoring	F12-64G-PC-16	6/24/12	Water	SGS	PCB	6/29/12
Building 64G LPCA Monitoring	F12-64G-PC-17	6/24/12	Water	SGS	PCB	6/29/12
Dry Weather Ambient Monitoring Sampling	006-Downstream-25	6/11/12	Water	Columbia	TSS, Oil & Grease	6/29/12
Dry Weather Ambient Monitoring Sampling	006-Downstream-25	6/11/12	Water	SGS	PCB	6/20/12
Dry Weather Ambient Monitoring Sampling	006-Downstream-50	6/11/12	Water	Columbia	TSS, Oil & Grease	6/29/12
Dry Weather Ambient Monitoring Sampling	006-Downstream-50	6/11/12	Water	SGS	PCB	6/20/12
Dry Weather Ambient Monitoring Sampling	006-Downstream-75	6/11/12	Water	Columbia	TSS, Oil & Grease	6/29/12
Dry Weather Ambient Monitoring Sampling	006-Downstream-75	6/11/12	Water	SGS	PCB	6/20/12
Dry Weather Ambient Monitoring Sampling	006-Upstream-25	6/11/12	Water	Columbia	TSS, Oil & Grease	6/29/12
Dry Weather Ambient Monitoring Sampling	006-Upstream-25	6/11/12	Water	SGS	PCB	6/20/12
Dry Weather Ambient Monitoring Sampling	006-Upstream-50	6/11/12	Water	Columbia	TSS, Oil & Grease	6/29/12
Dry Weather Ambient Monitoring Sampling	006-Upstream-50	6/11/12	Water	SGS	PCB	6/20/12
Dry Weather Ambient Monitoring Sampling	006-Upstream-75	6/11/12	Water	Columbia	TSS, Oil & Grease	6/29/12
Dry Weather Ambient Monitoring Sampling	006-Upstream-75	6/11/12	Water	SGS	PCB	6/20/12

TABLE 2-2
PCB DATA RECEIVED DURING JUNE 2012

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

Sample ID	Date Collected	Aroclor-1016, 1221, -1232, -1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
E12-64G-PC-13	5/29/2012	ND(0.000015)	0.00012	ND(0.000015)	ND(0.000015)	0.00012
E12-64G-PC-14	5/29/2012	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000015)
E12-64G-PC-15	5/29/2012	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000015)
E12-64G-PC-16	5/29/2012	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000015)
E12-64G-PC-17	5/29/2012	ND(0.00015)	0.00054	0.00097	0.00048	0.00199
F12-64G-PC-13	6/24/2012	ND(0.000015)	0.000092	ND(0.000015)	ND(0.000015)	0.000092
F12-64G-PC-14	6/24/2012	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000015)
F12-64G-PC-15	6/24/2012	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000015)	ND(0.000015)
F12-64G-PC-16	6/24/2012	ND(0.000015)	ND(0.000015)	0.0000076 J	ND(0.000015)	0.0000076 J
F12-64G-PC-17	6/24/2012	ND(0.00015)	0.00083	0.0019	0.0019	0.00463

Notes:

1. Samples were collected by General Electric Company 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:

Organics (PCBs)

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

TABLE 2-3
DATA RECEIVED DURING JUNE 2012

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-25 06/11/12	006-Downstream-50 06/11/12	006-Downstream-75 06/11/12	006-Upstream-25 06/11/12	006-Upstream-50 06/11/12	006-Upstream-75 06/11/12
PCBs-Unfiltered						
Aroclor-1260	0.0000041 J	0.0000039 J	0.0000046 J	0.0000041 J	0.0000035 J	0.0000038 J
Total PCBs	0.0000041 J	0.0000039 J	0.0000046 J	0.0000041 J	0.0000035 J	0.0000038 J
Conventional						
Oil & Grease	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	ND(4.0)
Total Suspended Solids	2.00	2.00	2.00	2.00	2.00	1.70

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. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. 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.

TABLE 2-4
DATA RECEIVED DURING JUNE 2012

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

Parameter	Sample ID: / Date Collected:	A5477 / 06/12/12
Volatile Organics		
Methylene Chloride		640
PCBs		
None Detected		--
Semivolatile Organics		
None Detected		--
Inorganics		
Arsenic		3.73
Barium		48.0
Cadmium		0.266 B
Chromium		3.33
Selenium		1.94
Silver		0.148 B

Notes:

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

Data Qualifiers:

Inorganics

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

ITEM 3
PLANT AREA
EAST STREET AREA 2-NORTH
(GECD140)
JUNE 2012

a. Activities Undertaken/Completed

- Collected and transferred approximately 48,000 gallons of pit water from Building 12Y to the Building 64G Groundwater Treatment Facility (GWTF) for treatment.

- Collected sediment depth measurements in "select" manholes and catch basins in accordance with GE's NPDES Permit.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

- Submitted notification letter to EPA under the Toxic Substances Control Act (TSCA) Consent Agreement and Order (CAO) for liquids with PCB analytical test results ≥ 50 ppm removed from equipment during pre-demolition activities at the Building 9 and 10 Complex (June 7, 2012).

- Submitted Revised Cleanup Plan for Building 9 Sub-Vault to EPA (June 12, 2012).

- Submitted report to EPA on spring 2012 post-remediation inspection of backfilled/restored areas and paved/building foundation areas outside the former 19s Complex (June 15, 2012).*

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

- Prepare penalty payment letter under the TSCA CAO for PCB-containing capacitors with analytical test results ≥ 50 ppm removed during the pre-demolition activities.

- Prepare request for proposal for demolition of Building 9 and 10 Complex, Building 12T and the steam line trestle.

- Following receipt of comments from EPA and MDEP on the draft revised ERE for the portion of East Street Area 2-North outside the former 19s Complex (submitted in April 2012), prepare requests for subordination agreements for that revised ERE.*

ITEM 3
(cont'd)
PLANT AREA
EAST STREET AREA 2-NORTH
(GECD140)
JUNE 2012

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 4
PLANT AREA
EAST STREET AREA 1-NORTH
(GECD130)
JUNE 2012

a. Activities Undertaken/Completed

On GE's behalf, Spectra Environmental continued to evaluate the results of the ground-penetrating radar (GPR) survey that was conducted to the west of former Building 69 in May 2012.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Continue evaluation of above-mentioned GPR survey results and develop a follow-up plan, which may include an exploratory excavation to confirm that an observed anomaly is not an underground storage tank.

- Continue coordination with the demolition contractor for Building 69 to conduct water utility cutoffs within East Street near Building 69 (independent of similar work to be conducted by the City near the adjoining former Pennell Building). An approximate 16-foot-long excavation to between 3 and 6 feet in depth is anticipated. GE is working on contingency plans to address potential groundwater-related issues. Placement of an asphalt cover over the former loading dock area will occur in concert with the utility cutoffs.

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)
JUNE 2012

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

a. Activities Undertaken/Completed

- Transferred approximately 6,000 gallons of leachate from the Building 71 On-Plant Consolidation Area (OPCA) to the Building 64G Groundwater Treatment Facility (GWTF) for treatment (see Table 5-1).

- Performed spring 2012 inspection of natural resource restoration/enhancement (NRR/E) measures at Hill 78 OPCA (June 12, 2012).*

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted report to EPA on spring 2012 post-closure inspection of Building 71 OPCA and Hill 78 OPCA (including trees planted as part of restoration activities) (June 8, 2012).

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

- Submit report on spring 2012 inspection of NRR/E measures at Hill 78 OPCA.

- Perform summer 2012 inspection of NRR/E measures at Hill 78 OPCA (in July or August 2012).

- Mow midslope swales at the OPCAs (early July).

- Perform air monitoring activities at the OPCAs.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

GE is discussing with EPA issues relating to the treatment of the invasive species cypress spurge at the OPCAs.

f. Proposed/Approved Work Plan Modifications

None

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
June 2012

Month / Year	Total Volume of Leachate Transferred (Gallons)
June 2011	4,100
July 2011	0
August 2011	6,000
September 2011	0
October 2011	10,000
November 2011	0
December 2011	0
January 2012	11,000
February 2012	0
March 2012	0
April 2012	6,000
May 2012	0
June 2012	6,000

Note:

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

ITEM 6
PLANT AREA
HILL 78 AREA - REMAINDER
(GECD160)
JUNE 2012

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Continue discussions with the City of Pittsfield regarding the draft easement and easement plan that were provided to the City in April 2012 for the City storm water and sewer pipelines that were relocated by GE (along with termination of a prior easement).

- Upon approval by the City, establish and record a new easement for the City storm water and sewer pipelines that were relocated by GE, and terminate the prior easement.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

ITEM 7
PLANT AREA
UNKAMET BROOK AREA
(GECD170)
JUNE 2012

a. Activities Undertaken/Completed

- Sent a letter to EPA describing GE's "best efforts," and requesting EPA's assistance, 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 (June 6, 2012).*

- Conducted an inspection of the upstream and downstream ends of Culvert #3 running approximately north-south adjacent to Parcel K11-4-2 within Unkamet Brook Area – Remainder (June 21, 2012).

- Performed the June 2012 dry weather flow inspection activities associated with the YD11 and YD12 drainage systems in accordance with GE's Dry Weather Ambient Monitoring Plan.

- Performed a dry weather ambient monitoring event in accordance with GE's Dry Weather Ambient Monitoring Plan (see Table 7-1).

- Collected sediment depth measurements in "select" manholes and catch basins in accordance with GE's NPDES Permit.

- Received a request from EPA to conduct additional evaluations of the soil sampling data for dioxins/furans in this Removal Action Area in light of EPA's new RfD for dioxin.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Meet with EPA to discuss GE's responses to the remaining EPA comments (not previously discussed) on prior interim draft deliverables for Unkamet Brook Area-Remainder.*

- Conduct follow-up on GE's application to CSX Transportation, Inc. for access to Parcel K11-4-2 to perform a video inspection of storm sewer lines and to Parcel L11-4-11 for placement of an interim cover over a portion of the service roadway.*

ITEM 7
(cont'd)
PLANT AREA
UNKAMET BROOK AREA
(GECD170)
JUNE 2012

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

- Upon receipt of access permission from CSX, arrange for placement of an interim cover over a portion of the service roadway on Parcel L11-4-11.*

- Continue efforts, in conjunction with EPA, 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 (see Item 7.e below).*

- Discuss with EPA the need for additional evaluations of the soil data in light of EPA's new RfD for dioxin.

- Perform July 2012 dry weather flow inspection activities associated with the YD11 and YD12 drainage systems in accordance with GE's Dry Weather Ambient Monitoring Plan.

- Perform a wet weather ambient monitoring event in accordance with GE's Wet Weather Ambient Monitoring Plan.

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. GE submitted various interim draft design deliverables for that area, received EPA's comments on those deliverables, submitted responses to EPA's comments, and is in the process of discussing those issues with EPA, as noted above.*

- The Navy advised GE and EPA on June 12, 2012 that the reissued access license for the performance of the necessary investigations and remediation on Navy property would be sent to GE shortly. However, the reissued license has not been received to date.

- Issues relating to additional evaluations in light of EPA's new RfD for dioxin will need to be discussed with EPA.

ITEM 7
(cont'd)
PLANT AREA
UNKAMET BROOK AREA
(GECD170)
JUNE 2012

e. General Progress/Unresolved Issues/Potential Schedule Impacts (cont'd)

- 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 in connection with investigation of inactive 10c oil pipelines have been completed. It is also anticipated that subordination agreements for that ERE will not be requested 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 JUNE 2012

UNKAMET BROOK AREA
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	009-Downstream-25	6/11/12	Water	Columbia	TSS, Oil & Grease	6/29/12
Dry Weather Ambient Monitoring Sampling	009-Downstream-25	6/11/12	Water	SGS	PCB	6/20/12
Dry Weather Ambient Monitoring Sampling	009-Downstream-75	6/11/12	Water	Columbia	TSS, Oil & Grease	6/29/12
Dry Weather Ambient Monitoring Sampling	009-Downstream-75	6/11/12	Water	SGS	PCB	6/20/12
Dry Weather Ambient Monitoring Sampling	009-Upstream-25	6/11/12	Water	Columbia	TSS, Oil & Grease	6/29/12
Dry Weather Ambient Monitoring Sampling	009-Upstream-25	6/11/12	Water	SGS	PCB	6/20/12
Dry Weather Ambient Monitoring Sampling	009-Upstream-50	6/11/12	Water	Columbia	TSS, Oil & Grease	6/29/12
Dry Weather Ambient Monitoring Sampling	009-Upstream-50	6/11/12	Water	SGS	PCB	6/20/12
Dry Weather Ambient Monitoring Sampling	009-Upstream-75	6/11/12	Water	Columbia	TSS, Oil & Grease	6/29/12
Dry Weather Ambient Monitoring Sampling	009-Upstream-75	6/11/12	Water	SGS	PCB	6/20/12

TABLE 7-2
DATA RECEIVED DURING JUNE 2012

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 06/11/12	009-Downstream-75 06/11/12	009-Upstream-25 06/11/12	009-Upstream-50 06/11/12	009-Upstream-75 06/11/12
PCBs-Unfiltered					
Aroclor-1248	0.000099	0.000097	0.000070	0.000083	0.000066
Aroclor-1254	0.000093	0.000084	0.000041	0.000062	0.000037
Aroclor-1260	0.000071	0.000070	0.000030	0.000045	0.000026
Total PCBs	0.000263	0.000251	0.000141	0.00019	0.000129
Conventional					
Oil & Grease	ND(3.9)	ND(4.0)	ND(4.2)	ND(3.9)	ND(4.0)
Total Suspended Solids	6.20	7.00	2.90	3.00	2.60

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. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. 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)
JUNE 2012

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

a. Activities Undertaken/Completed

Received notice from the prior owner of Parcels I8-24-6, I9-5-1, and I9-5-2 (Mr. Barbalunga) that those properties have been conveyed to a new LLC, of which he is the manager and sole member.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Write letter to the owner of Parcels I8-24-6, I9-5-1, and I9-5-2 regarding the Conditional Solutions at those properties and requesting a revised access agreement.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

The City of Pittsfield has informed GE that it is considering additional excavations of the drainage swale at Parcel I8-23-6.

f. Proposed/Approved Work Plan Modifications

None

ITEM 9
LYMAN STREET AREA
(GECD430)
JUNE 2012

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

a. Activities Undertaken/Completed

Conducted sampling of soil removed by the property owner on Parcel I9-4-25, received and reviewed results (material was non-hazardous), and disposed of soil at an appropriate non-hazardous waste disposal facility.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted report to EPA on spring 2012 inspection of re-vegetated areas on Parcels I9-4-14 and I9-8-2 and engineered barrier on Parcel I9-8-1 (June 21, 2012).

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

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

TABLE 9-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JUNE 2012

LYMAN STREET AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Johnson-Ford Soil Pile Sampling	Soil 1	6/4/12	Soil	SGS	PCB, TCLP - Excludes Pest/Herb	6/20/12

TABLE 9-2
PCB DATA RECEIVED DURING JUNE 2012

JOHNSON-FORD SOIL PILE SAMPLING
LYMAN STREET AREA
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
Soil 1	6/4/2012	ND(0.029)	0.20	0.092	0.292

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 9-3 for a summary of TCLP constituents.

TABLE 9-3
TCLP DATA RECEIVED DURING JUNE 2012

JOHNSON-FORD 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	Soil 1 6/4/2012
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	0.438 B
Cadmium	1	0.0178 B
Chromium	5	0.0191 B
Lead	5	0.0736 B
Mercury	0.2	ND(0.000300)
Selenium	1	ND(0.200)
Silver	5	0.0172 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 9-2 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 10
NEWELL STREET AREA I
(GECD440)
JUNE 2012

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted report to EPA on spring 2012 semi-annual inspection of engineered barriers (June 13, 2012).

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

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

ITEM 11
NEWELL STREET AREA II
(GECD450)
JUNE 2012

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted report to EPA on spring 2012 inspection of re-vegetated areas and engineered barriers (June 14, 2012).

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

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

ITEM 12
FORMER OXBOW AREAS J & K
(GECD420)
JUNE 2012

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted report to EPA on spring 2012 inspection of re-vegetated areas (June 21, 2012).

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

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

ITEM 13
HOUSATONIC RIVER AREA
UPPER ½ MILE REACH
(GECD800)
JUNE 2012

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Conduct spring 2012 bank erosion inspection and submit report thereon.
- Conduct 2012 annual inspection of habitat enhancement structures and armor stone, and submit report thereon.
- Conduct 2012 deposited sediment and isolation layer sampling.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

ITEM 14
HOUSATONIC RIVER AREA
1½ MILE REACH
(GECD820)
JUNE 2012

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 June 28, 2012. 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 submitted letter to Massachusetts Department of Fisheries and Wildlife describing 2012 macroinvertebrate sampling (June 8, 2012).

- GE initiated the 2012 sediment and macroinvertebrate sampling activities on June 25, 2012, and completed the macroinvertebrate field effort on June 27, 2012.*

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

GE submitted a trip report on the spring 2012 vegetation inspection (June 11, 2012).*

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

- Continue Housatonic River water column monitoring.

- Conduct 2012 inspections of riverbank soil restoration, aquatic habitat enhancement structures, riprap, articulated concrete block, and critical ancillary items, and submit a trip report on those inspections.*

- Complete 2012 sediment sampling activities.*

- Conduct summer 2012 vegetation inspection.*

- Perform repairs of the shotcrete in the retaining wall on Parcel I8-10-5 (contingent on river flows).

ITEM 14
(cont'd)
HOUSATONIC RIVER AREA
1½ MILE REACH
(GECD820)
JUNE 2012

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 JUNE 2012

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

Project Name	Field Sample ID	Sample Date	Depth (Inches)	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Aquatic Macroinvertebrate	T-134	6/26/12	NA	Biota	Pace	PCB -Aroclors & Congeners, PCB -Green Bay Method, Percent Lipids	
Aquatic Macroinvertebrate	T-134-01	6/27/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-134-02	6/27/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-134-03	6/27/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-134-04	6/27/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-134-05	6/27/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-134-06	6/27/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-134-07	6/27/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-134-08	6/27/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-134-09	6/27/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-134-10	6/27/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-134-11	6/27/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-134-12	6/27/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-170	6/25/12	NA	Biota	Pace	PCB -Aroclors & Congeners, PCB -Green Bay Method, Percent Lipids	
Aquatic Macroinvertebrate	T-170-01	6/25/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-170-02	6/25/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-170-03	6/25/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-170-04	6/25/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-170-05	6/25/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-170-06	6/25/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-170-07	6/25/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-170-08	6/25/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-170-09	6/25/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-170-10	6/25/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-170-11	6/25/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-170-12	6/25/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-70	6/26/12	NA	Biota	Pace	PCB -Aroclors & Congeners, PCB -Green Bay Method, Percent Lipids	
Aquatic Macroinvertebrate	T-70-01	6/26/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-70-02	6/26/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-70-03	6/26/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-70-04	6/26/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-70-05	6/26/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-70-06	6/26/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-70-07	6/26/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-70-08	6/26/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-70-09	6/26/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-70-10	6/26/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-70-11	6/26/12	NA	Biota	Lotic Inc.	Benthic Community	
Aquatic Macroinvertebrate	T-70-12	6/26/12	NA	Biota	Lotic Inc.	Benthic Community	
Monthly Water Column Sampling	Location-4	6/28/12	NA	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-4	5/24/12	NA	Water	NEA	PCB, TSS, POC, Chlorophyll-A	6/11/12
Monthly Water Column Sampling	Location-6A	6/28/12	NA	Water	NEA	PCB, TSS, VSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-6A	5/24/12	NA	Water	NEA	PCB, TSS, VSS, POC, Chlorophyll-A	6/11/12
Sediment Sampling	HR-DUP-1 (T-198-R)	6/26/12	6-15	Sediment	PACE	PCB, TOC	

TABLE 14-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JUNE 2012

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

Project Name	Field Sample ID	Sample Date	Depth (Inches)	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Sediment Sampling	HR-DUP-2 (T-170-R)	6/27/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-154-C	6/29/12	0-5	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-154-L	6/29/12	0-4	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-154-R	6/29/12	0-4	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-158-C	6/29/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-158-L	6/29/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-158-L	6/29/12	6-13	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-158-R	6/29/12	0-4	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-162-C	6/27/12	0-4	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-162-L	6/27/12	0-4	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-162-R	6/27/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-162-R	6/27/12	6-10	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-166-C	6/27/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-166-L	6/27/12	0-4	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-166-R	6/27/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-166-R	6/27/12	6-10	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-170-C	6/27/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-170-C	6/27/12	6-10	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-170-L	6/27/12	0-3	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-170-R	6/27/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-170-R	6/27/12	6-9	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-174-C	6/27/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-174-C	6/27/12	6-10	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-174-L	6/27/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-174-L	6/27/12	6-11	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-174-R	6/27/12	0-3	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-178-C	6/26/12	0-5	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-178-L	6/26/12	0-3	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-178-R	6/26/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-182-C	6/26/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-182-L	6/26/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-182-R	6/26/12	0-5	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-186-C	6/26/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-186-C	6/26/12	6-9	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-186-L	6/26/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-186-L	6/26/12	6-9	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-186-R	6/26/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-190-C	6/26/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-190-C	6/26/12	6-12	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-190-L	6/26/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-190-L	6/26/12	6-8	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-190-R	6/26/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-190-R	6/26/12	6-8	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-194-C	6/26/12	0-6	Sediment	PACE	PCB, TOC	

TABLE 14-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JUNE 2012

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

Project Name	Field Sample ID	Sample Date	Depth (Inches)	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Sediment Sampling	T-194-C	6/26/12	6-12	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-194-L	6/26/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-194-L	6/26/12	6-12	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-194-R	6/26/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-198-C	6/26/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-198-C	6/26/12	6-13	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-198-L	6/26/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-198-L	6/26/12	6-18	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-198-R	6/26/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-198-R	6/26/12	6-15	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-202-C	6/26/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-202-L	6/26/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-202-L	6/26/12	6-10	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-202-R	6/26/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-202-R	6/26/12	6-10	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-206-C	6/25/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-206-C	6/25/12	6-15	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-206-L	6/25/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-206-L	6/25/12	6-10	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-206-R	6/25/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-206-R	6/25/12	6-11	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-210-C	6/25/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-210-C	6/25/12	6-14	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-210-L	6/25/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-210-L	6/25/12	6-9	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-210-R	6/25/12	0-6	Sediment	PACE	PCB, TOC	
Sediment Sampling	T-210-R	6/25/12	6-11	Sediment	PACE	PCB, TOC	

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

TABLE 14-2
SAMPLE DATA RECEIVED DURING JUNE 2012

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

Sample ID	Location	Date Collected	Aroclor-1016, 1232, 1248, -1254, -1260	Aroclor 1221	Aroclor 1242	Total PCBs	POC	TSS	Chlorophyll (a)	VSS
LOCATION-4	Lyman Street Bridge	05/24/12	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.82	6.03	0.00170	NA
LOCATION-6A	Pomeroy Ave. Bridge	05/24/12	ND(0.00000550)	0.0000190 PB	0.00000600 PD	0.0000250	0.79	6.27	0.00200	2.65

Notes:

1. Samples were collected by ARCADIS, and submitted to Pace Analytical Services 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.
PD - Aroclor 1242 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1242 is not present in the sample, but is reported to more accurately quantify PCBs present in a sample that has undergone environmental alteration.

ITEM 15
HOUSATONIC RIVER AREA
REST OF THE RIVER
(GECD850)
JUNE 2012

a. Activities Undertaken/Completed

- GE continued discussions with EPA regarding EPA's Status Report on Potential Remediation Approaches to the Rest of River (Status Report).*

- GE attended public meetings held by EPA on June 12 and 13, 2012 to discuss and receive public input on the Status Report.*

- 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 June 28, 2012. 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.

b. Sampling/Test Results

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue discussions with EPA regarding the Status Report and other issues pertaining to the Rest of River.*

- Continue Housatonic River monthly water column monitoring.

ITEM 15
(cont'd)
HOUSATONIC RIVER AREA
REST OF THE RIVER
(GECD850)
JUNE 2012

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- GE's Revised Corrective Measures Study Report (October 2010) remains under EPA review.*
- Discussions will continue regarding the Status Report and other issues pertaining to the Rest of River.*

f. Proposed/Approved Work Plan Modifications

None

TABLE 15-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JUNE 2012

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Monthly Water Column Sampling	HR-D1 (Location-12)	6/28/12	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	HR-D1 (Location-12)	5/24/12	Water	NEA	PCB, TSS, POC, Chlorophyll-A	6/11/12
Monthly Water Column Sampling	Location-1	5/24/12	Water	NEA	PCB, TSS, POC, Chlorophyll-A	6/11/12
Monthly Water Column Sampling	Location-1	6/28/12	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-10	5/24/12	Water	NEA	PCB, TSS, POC, Chlorophyll-A	6/11/12
Monthly Water Column Sampling	Location-10	6/28/12	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-12	6/28/12	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-12	5/24/12	Water	NEA	PCB, TSS, POC, Chlorophyll-A	6/11/12
Monthly Water Column Sampling	Location-13	5/24/12	Water	NEA	PCB, TSS, POC, Chlorophyll-A	6/11/12
Monthly Water Column Sampling	Location-13	6/28/12	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-2	6/28/12	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-2	5/24/12	Water	NEA	PCB, TSS, POC, Chlorophyll-A	6/11/12
Monthly Water Column Sampling	Location-7	5/24/12	Water	NEA	PCB, TSS, POC, Chlorophyll-A	6/11/12
Monthly Water Column Sampling	Location-7	6/28/12	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-9	5/24/12	Water	NEA	PCB, TSS, POC, Chlorophyll-A	6/11/12
Monthly Water Column Sampling	Location-9	6/28/12	Water	NEA	PCB, TSS, POC, Chlorophyll-A	

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

TABLE 15-2
SAMPLE DATA RECEIVED DURING JUNE 2012

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

Sample ID	Location	Date Collected	Aroclor-1016, -1221, -1232, -1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-1	Hubbard Avenue Bridge	05/24/12	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.68	4.68	0.00160
LOCATION-2	Newell Street Bridge	05/24/12	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.94	6.81	0.00180
LOCATION-7	Holmes Road Bridge	05/24/12	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.77	7.21	0.00160
LOCATION-9	New Lenox Road Bridge	05/24/12	ND(0.0000220)	0.0000310 PE	0.0000290 AF	0.0000670 AG	0.000127	0.88	7.98	0.00140
LOCATION-10	Headwaters of Woods Pond	05/24/12	ND(0.0000220)	0.0000270 PE	0.0000230 AF	0.000050 AG	0.000100	0.74	5.71	0.00220
LOCATION-12	Schweitzer Bridge	05/24/12	ND(0.0000220)	0.0000260 PE	0.0000290 AF	0.0000600 AG	0.000115	0.54	6.52	0.00530
		05/24/12	[ND(0.0000220)]	[0.0000280 PE]	[0.0000450 AF]	[0.0000980 AG]	[0.000171]	[0.72]	[5.77]	[0.00450]
LOCATION-13	Division Street Bridge	05/24/12	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.63	6.93	0.00510

Notes:

1. Samples were collected by ARCADIS, and submitted to Pace Analytical Services Inc. for analysis of PCBs (unfiltered), total suspended solids (TSS), particulate organic carbon (POC), 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.

Data Qualifiers:

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

ITEM 18
HOUSATONIC RIVER FLOODPLAIN CURRENT RESIDENTIAL PROPERTIES DOWNSTREAM OF CONFLUENCE (ACTUAL/POTENTIAL LAWNS) (GECD730) JUNE 2012

a. Activities Undertaken/Completed

GE conducted communications with EPA regarding EPA's draft comments on GE's Pre-Design Investigation Work Plan (submitted on February 26, 2002).*

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Discuss issues relating to GE's Pre-Design Investigation Work Plan with EPA.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Issues relating to GE's Pre-Design Investigation Work Plan will be discussed with EPA.*

f. Proposed/Approved Work Plan Modifications

None

ITEM 20
OTHER AREAS
SILVER LAKE AREA
(GECD600)
JUNE 2012

a. Activities Undertaken/Completed

- On GE's behalf, ARCADIS performed one round of water column monitoring at the Silver Lake Outfall on June 28, 2012, as noted in Table 20-1, and also obtained a gauge reading (see Item 21.a).

- GE received notice from PEDA that the Silver Lake bank property formerly owned by Western Massachusetts Electric Company (WMECo) was transferred to PEDA on June 11, 2012.

- GE received the necessary access agreements from PEDA and from the owner of Parcels I9-10-8 and I9-9-1 for performance of remediation and associated supporting activities.*

- GE continued efforts to obtain access to Parcel I9-9-30 for performance of remediation activities.*

- EPA made efforts on GE's behalf to obtain access to Parcel I9-9-9 for performance of remediation activities.*

- GE received from the U.S. Department of Justice (USDOJ) a revised draft of a CD Modification to address the plantings to be installed on the northern bank of Silver Lake.*

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted an Addendum to the Supplemental Information Package (SIP) to EPA, including a re-evaluation of the dioxin/furan soil data in light of EPA's new RFD for dioxin (June 20, 2012). (That SIP Addendum was approved by EPA on July 2, 2012.)*

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

- Continue efforts to obtain the necessary remaining access permission for performance of remediation activities.*

- Initiate on-site remediation work on or about July 9, 2012.*

ITEM 20
(cont'd)
OTHER AREAS
SILVER LAKE AREA
(GECD600)
JUNE 2012

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

- Submit revised project schedule to EPA (due to EPA by July 27, 2012).*
- Respond to EPA and USDOJ regarding the CD Modification to address the plantings to be installed on the northern bank of Silver Lake.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- As noted above, on-site remediation work is scheduled to begin on or about July 9, 2012.*
- Access permission for remediation has still not been obtained for Parcels I9-9-9 and I9-9-30.*

f. Proposed/Approved Work Plan Modifications

See Item 20.c above.

TABLE 20-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JUNE 2012

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	Location-4A	6/28/12	Water	NEA	PCB, TSS	
Monthly Water Column	Location-4A	5/24/12	Water	NEA	PCB, TSS	6/11/12

TABLE 20-2
SAMPLE DATA RECEIVED DURING JUNE 2012

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

Sample ID	Location	Date Collected	Aroclor-1016, -1232, -1242, -1260	Aroclor 1221	Aroclor 1248	Aroclor 1254	Total PCBs	TSS
LOCATION-4A	Silver Lake Outlet	5/24/2012	ND(0.0000220)	0.000250 PB	0.0000820 PE	0.0000260 AF	0.0003580	1.84

Notes:

1. Sample was collected by ARCADIS, and submitted to Pace Analytical Services 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:

AF - Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
PB - Aroclor 1221 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1221 is not present in the sample, but is reported to more accurately quantify PCBs present in a sample that has undergone environmental alteration.
PE - Aroclor 1248 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1248 is not present in the sample, but is reported to more accurately quantify PCBs present in a sample that has undergone environmental alteration.

ITEM 21
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
JUNE 2012

*** 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.

- Sampled drummed purge water generated during spring 2012 well development and sampling event, as indicated in Table 21-1.

- Conducted well maintenance and/or survey activities identified prior to or during the spring 2012 monitoring event, including re-survey of wells where inner casing modifications were made as part of their maintenance.

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 of these caissons in June.

- Continued routine well monitoring and manual NAPL monitoring/removal activities. Approximately 0.018 liter (0.005 gallon) of LNAPL was removed from this area during June.

- Installed and sampled six soil vapor points in accordance with GE's Revised LNAPL Volatilization Assessment Work Plan (submitted in January 2012 and conditionally approved by EPA on May 14, 2012).

- Conducted maintenance activities at the following wells: 106 (removed sediment via air jetting), 128 (removed sediment via air jetting), ES1-08 (replaced bolts and washers), ESA1N-25 (replaced washer and lock), ESA1S-31R (re-tapped bolt holes, replaced bolts and washers), ESA1S-139R (re-tapped bolt holes, replaced J-plug and lock), and GMA1-6 (re-tapped bolt holes, replaced bolts, J-plug, and lock).

- Re-surveyed the following wells: 106, 108A, 118, 128, 131R, ESA1N-25, ESA1S-37R, and the North Caisson.

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
JUNE 2012

a. Activities Undertaken/Completed (cont'd)

East Street Area 2-South:

- Continued automated groundwater and LNAPL removal activities. A total of approximately 4,269,502 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 June. In addition, approximately 677 gallons of LNAPL were removed from pumping systems 64R, 64V, RW-1(S), RW-1(X), RW-2(X), RW-4, 64X, and 64S Caisson during June.

- Continued automated DNAPL removal activities. Approximately 21 gallons of DNAPL were removed from pumping system RW-3(X) during June.

- Continued routine well monitoring and manual NAPL monitoring/removal activities. Approximately 22.526 liters (5.944 gallons) of LNAPL were removed from wells in this area during June. Approximately 3.824 liters (1.009 gallons) of DNAPL were removed from wells in this area during June.

- Treated/discharged approximately 5,006,757 gallons of water through Building 64G GWTF.

- Conducted maintenance activities at the following wells: 13 (removed sediment via air jetting), 14 (removed sediment via air jetting), 18R (replaced lock), 43 (replaced J-plug), 95-25 (replaced ¾-inch plug), ES2-02AR (replaced lock), ES2-08 (replaced J-plug and lock), HR-J1-RW-1 (inspected lid seal on protective casing – no maintenance required), and PZ-1S (replaced lock).

- Re-surveyed the following wells: 3-6C-EB-14R, 5, 19R, 28, 29, 34, 35, 36, 43, 47, 55, 95-01R, ES2-02AR, ESA2S-PZ-4, ESA2S-PZ-5, GMA1-20R, GMA1-24R, HR-G1-MW-1, HR-G2-MW-1, HR-G2-MW-2, HR-J1-MW-3, HR-J1-RW-1, M-R, PZ-1S, and PZ-6S.

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
JUNE 2012

a. Activities Undertaken/Completed (cont'd)

East Street Area 2-North:

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

- Conducted maintenance activities at the following wells: 05-N (installed new J-plug and lock), 11-N (removed sediment via air jetting), 14-N (removed sediment via air jetting), 17-N (modified inner casing), 19-N (removed sediment via air jetting), 20-N (removed sediment via air jetting), ES1-05 (replaced washer and lock), and ES1-08 (replaced gasket).

- Re-surveyed the following wells: 14-N, 17-N, and ES1-10.

20s, 30s, and 40s Complexes:

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

- Conducted maintenance activities at the following wells: CC-R (replaced lock), ES2-19 (replaced bolts and washers and added ¾-inch plug), and II (conducted sediment removal via air jetting).

- Re-surveyed the following wells: JJ and RF-02.

Lyman Street Area:

- Continued automated groundwater and NAPL removal activities. Approximately 133,472 gallons of groundwater were recovered from pumping systems RW-1R, RW-2, and RW-3 during June. Approximately 10 gallons of LNAPL were removed from the automated recovery systems during June.

- Continued routine well monitoring and manual NAPL monitoring/removal activities. No LNAPL was removed from wells in this area during June. Approximately 0.406 liter (0.107 gallon) of DNAPL was removed from wells in this area during June.

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
JUNE 2012

a. Activities Undertaken/Completed (cont'd)

Lyman Street Area: (cont'd)

- Conducted maintenance activities at the following wells: EPA-01 (replaced J-plug and lock), GMA1-5 (replaced lock), LS-24 (replaced lock), LS-38 (replaced lock), LS-44 (replaced J-plug, gasket, and lock), LSSC-07 (modified inner casing and replaced J-plug), LSSC-08I (replaced lock, gasket, and bolt), LSSC-09 (replaced lock), MW-3R (replaced washers, gasket, and lock), and MW-6R (modified inner casing, re-tapped bolt holes, replaced bolts, washers, J-plug, and lock).

- Re-surveyed the following wells: LS-12, LS-13, LS-30, LS-31, LS-34, LS-38, LSSC-06, LSSC-07, LSSC-09, LSSC-18, LSSC-34I, LSSC-34S, and MW-6R.

Newell Street Area II:

- Continued automated DNAPL removal activities. Approximately 12 gallons of DNAPL were removed by System 2 in June.

- Continued routine well monitoring and manual NAPL monitoring/removal activities. No LNAPL was removed from this area during June. Approximately 0.691 liter (0.182 gallon) of DNAPL was recovered from wells in this area during June.

- Conducted maintenance activities at the following wells: GMA1-25 (replaced washers), N2SC-03I(R) (replaced J-plug, washers, and lock), N2SC-07S (replaced J-plug), and N2SC-13I (replaced bolts).

- Re-surveyed the following wells: GMA1-25, N2SC-02, N2SC-03I, N2SC-07, NS-9R, and NS-10.

Newell Street Area I:

- Conducted maintenance activities at the following well: IA-9R (replaced J-plug, bolts, and lock).

- Re-surveyed well MM-1.

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
JUNE 2012

a. Activities Undertaken/Completed (cont'd)

Silver Lake Area:

- Continued routine monitoring of lake level.

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, including quarterly monitoring activities.

- Continue well maintenance and/or survey activities identified during or since the spring 2012 monitoring event, including re-survey of wells where inner casing modifications were made as part of their maintenance.

- Submit the Spring 2012 Groundwater Monitoring Report (due to EPA on July 31, 2012).

- Work on the Spring 2012 NAPL Monitoring Report (due to EPA on August 31, 2012).

- Receive and review results from the soil vapor sampling conducted in accordance with GE's Revised LNAPL Volatilization Assessment Work Plan, as conditionally approved by EPA (see also Item 21.e below).

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
JUNE 2012

e. General Progress/Unresolved Issues/Potential Schedule Impacts

GE has received access agreements from all but one property owner where requests were made to allow to conduct the approved LNAPL volatilization assessment in East Street Area 1. However, GE was able to install and sample the proposed soil vapor point in that area without entering the property. Unless the sampling results indicate a need to collect samples closer to the building on that property, GE does not anticipate that this lack of property access will affect performance of the assessment.

f. Proposed/Approved Work Plan Modifications

Received EPA's conditional approval of GE's Fall 2011 NAPL Monitoring Report (June 6, 2012)

TABLE 21-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JUNE 2012

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
Purgewater from GMA1 Well Development and Sampling Activities in Spring 2012	GMA1 Water	6/7/12	Water	SGS	PCB, VOC, SVOC RCRA 8 Metals	6/20/12
Soil Vapor Sampling	AMB-062112	6/21/12	Air	Air Toxics	PCB, VOC, SVOC	
Soil Vapor Sampling	DUP-062112 (SVP-2)	6/21/12	Air	Air Toxics	PCB, VOC, SVOC	
Soil Vapor Sampling	SVP-1	6/21/12	Air	Air Toxics	PCB, VOC, SVOC	
Soil Vapor Sampling	SVP-2	6/21/12	Air	Air Toxics	PCB, VOC, SVOC	
Soil Vapor Sampling	SVP-3	6/21/12	Air	Air Toxics	PCB, VOC, SVOC	
Soil Vapor Sampling	SVP-4	6/21/12	Air	Air Toxics	PCB, VOC, SVOC	
Soil Vapor Sampling	SVP-5	6/21/12	Air	Air Toxics	PCB, VOC, SVOC	
Soil Vapor Sampling	SVP-6	6/21/12	Air	Air Toxics	PCB, VOC, SVOC	

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

TABLE 21-2
DATA RECEIVED DURING JUNE 2012

PURGEWATER FROM GMA1 WELL DEVELOPMENT AND SAMPLING ACTIVITIES IN SPRING 2012
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	GMA1 Water 06/07/12
Volatile Organics	
1,1,1-Trichloroethane	0.0040
1,1-Dichloroethane	0.017
1,2-Dichloroethane	0.0017
Benzene	0.011
Chlorobenzene	0.023
Chloroethane	0.0070
Chloroform	0.0067
Ethylbenzene	0.041
Toluene	0.0051
Vinyl Chloride	0.0030
Xylenes (total)	0.021
PCBs-Unfiltered	
Aroclor-1248	0.015 J
Aroclor-1254	0.054
Aroclor-1260	0.22
Total PCBs	0.289
Semivolatile Organics	
1,3-Dichlorobenzene	0.0023 J
1,4-Dichlorobenzene	0.0088
2-Methylnaphthalene	0.0020 J
Acenaphthene	0.053
Acenaphthylene	0.011
Anthracene	0.021
Benzo(a)anthracene	0.022
Benzo(a)pyrene	0.020
Benzo(b)fluoranthene	0.015
Benzo(g,h,i)perylene	0.010
Benzo(k)fluoranthene	0.0048 J
bis(2-Ethylhexyl)phthalate	0.0051
Chrysene	0.019
Dibenzofuran	0.0024 J
Fluoranthene	0.043
Fluorene	0.022
Indeno(1,2,3-cd)pyrene	0.0072
Naphthalene	0.0037 J
Phenanthrene	0.056
Pyrene	0.060
Inorganics-Unfiltered	
Arsenic	0.00584 B
Barium	0.113
Cadmium	0.00334 B
Chromium	0.0213
Lead	0.197
Mercury	0.0000432 B
Selenium	0.00658 B
Silver	0.00173 B

Notes:

1. Sample was collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of volatiles, PCBs, semivolatiles and metals.
2. Only detected constituents are summarized.

Data Qualifiers:

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

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

TABLE 21-3
MEASUREMENT AND REMOVAL OF RECOVERABLE LNAPL
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
June 2012

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	June 2012 Removal (liters)
GMA 1 - East Street Area 1 - North						
105	6/18/2012	7.46	7.45	0.01	0.006	**0.006**
106	6/18/2012	9.41	9.40	0.01	0.006	**0.006**
GMA 1 - East Street Area 1 - South						
72	6/18/2012	6.76	6.75	0.01	0.006	**0.006**

Total Manual LNAPL Removal for June 2012: 0.018 liters
0.005 gallons

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

TABLE 21-4
AUTOMATED LNAPL & GROUNDWATER RECOVERY SYSTEMS MONTHLY SUMMARY
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
June 2012

Caisson	Month	Vol. LNAPL Collected (gallon)	Vol. Water Recovered (gallon)	Percent Downtime
Northside	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	
	December 2011	0.0	38,850	
	January 2012	0.0	24,850	
	February 2012	0.0	28,250	
	March 2012	0.0	19,300	
	April 2012	0.0	14,000	
	May 2012	0.0	18,400	
	June 2012	0.0	15,200	
Southside	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	
	December 2011	0.0	132,856	
	January 2012	0.0	20,681	7.14
	February 2012	0.0	60,350	
	March 2012	0.0	88,830	
	April 2012	0.0	62,284	
	May 2012	0.0	86,235	
	June 2012	0.0	73,226	

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

TABLE 21-5
ROUTINE WELL MONITORING
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
June 2012

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									
105	1,002.85	6/18/2012	7.46	7.45	0.01	---	17.38	0.00	995.40
106	1,004.22	6/18/2012	9.41	9.40	0.01	---	17.67	0.00	994.82
107	1,003.86	6/18/2012	7.61	---	0.00	---	17.58	0.00	996.25
118	1,001.39	5/23/2012	4.01	---	0.00	---	8.74	0.00	997.38
118	1,001.39	5/29/2012	4.01	---	0.00	---	8.24	0.00	997.38
118	1,001.39	6/4/2012	3.95	---	0.00	---	8.24	0.00	997.44
118	1,001.39	6/11/2012	3.90	---	0.00	---	8.24	0.00	997.49
118	1,001.39	6/18/2012	4.14	---	0.00	---	8.25	0.00	997.25
131R	NA	6/18/2012	5.61	---	0.00	---	8.50	0.00	NA
140	1,000.94	6/18/2012	8.70	---	0.00	---	17.25	0.00	992.24
ES1-08	1,000.93	6/18/2012	5.82	---	0.00	---	13.97	0.00	995.11
North Caisson	997.84	6/7/2012	18.58	18.56	0.02	---	19.80	0.00	979.28
North Caisson	997.84	6/14/2012	17.73	17.71	0.02	---	19.80	0.00	980.13
North Caisson	997.84	6/21/2012	18.03	18.01	0.02	---	19.80	0.00	979.83
North Caisson	997.84	6/27/2012	17.97	17.95	0.02	---	19.80	0.00	979.89
GMA 1 - East Street Area 1 - South									
ESA1S-31R	1,000.23	6/18/2012	8.52	---	0.00	---	14.90	0.00	991.71
ESA1S-33	999.50	6/18/2012	4.16	---	0.00	---	20.99	0.00	995.34
ESA1S-34	999.90	6/18/2012	6.01	---	0.00	---	21.74	0.00	993.89
ESA1S-35	1,000.15	6/18/2012	5.87	---	0.00	---	11.79	0.00	994.28
72	1,000.59	6/18/2012	6.76	6.75	0.01	---	22.43	0.00	993.84
72R	1,000.75	6/18/2012	6.15	---	0.00	---	13.06	0.00	994.60
75	1,000.65	6/18/2012	6.54	---	0.00	---	22.64	0.00	994.11
76	1,000.45	6/18/2012	6.98	6.97	0.01	---	22.81	0.00	993.48
South Caisson	1,001.11	6/7/2012	13.72	13.68	0.04	---	15.00	0.00	987.43
South Caisson	1,001.11	6/14/2012	13.81	13.77	0.04	---	15.00	0.00	987.34
South Caisson	1,001.11	6/21/2012	14.86	14.82	0.04	---	15.00	0.00	986.29
South Caisson	1,001.11	6/27/2012	13.80	13.76	0.04	---	15.00	0.00	987.35

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. Wells presented above with previous months dates had the measuring point modified prior to the monitoring date listed in the "Date" column; this data represents the groundwater elevation with the updated survey information.

TABLE 21-6
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
June 2012

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
17W	June 2011	1		
	July 2011	1		
	August 2011	1		
	September 2011	1		
	October 2011	0		
	November 2011	0		
	December 2011	0		
	January 2012	0		
	February 2012	0		
	March 2012	0		
	April 2012	0		
	May 2012	0		
	June 2012	0		
64R	June 2011	100	972,532	
	July 2011	75	866,512	
	August 2011	25	228,106	
	September 2011	113	1,522,240	2.87
	October 2011	213	1,123,931	
	November 2011	200	1,218,703	
	December 2011	138	1,416,664	
	January 2012	131	1,010,948	
	February 2012	100	1,078,628	
	March 2012	300	536,057	
	April 2012	100	71,661	14.29
	May 2012	38	95,271	
	June 2012	25	110,734	
64S System	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	
	December 2011	519	1,274,010	
	January 2012	281	894,665	
	February 2012	250	866,389	
	March 2012	163	859,420	
	April 2012	100	542,060	
	May 2012	137	618,250	
	June 2012	31	507,462	
64V	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	
	December 2011	693	1,247,000	
	January 2012	461	924,000	
	February 2012	490	923,400	
	March 2012	697	1,065,100	
	April 2012	316	752,200	
	May 2012	440	917,700	
	June 2012	428	734,900	

TABLE 21-6
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
June 2012

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64X	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	
	December 2011	27	518,400	
	January 2012	9	403,200	
	February 2012	8	403,200	
	March 2012	11	504,000	
	April 2012	39	403,200	
	May 2012	16	489,600	
	June 2012	124	403,200	
RW-2(X)	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	
	December 2011	0	1,564,864	
	January 2012	0	1,064,208	
	February 2012	0	1,039,386	
	March 2012	0	1,392,854	
	April 2012	0	1,001,810	
	May 2012	0	1,026,015	
	June 2012	13	921,913	
RW-1(S) [1]	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	
	December 2011	52	726,166	
	January 2012	46	501,407	
	February 2012	50	496,936	
	March 2012	51	575,064	
	April 2012	38	387,453	
	May 2012	41	465,524	
	June 2012	43	396,848	
RW-1(X)	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	
	December 2011	5	470,702	
	January 2012	0	360,397	
	February 2012	0	349,561	
	March 2012	5	417,290	
	April 2012	0	329,457	
	May 2012	4.5	339,223	
	June 2012	5	296,924	

TABLE 21-6
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
June 2012

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
RW-4	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	
	December 2011	6	1,371,394	
	January 2012	4	1,051,122	
	February 2012	0	912,280	4.76
	March 2012	4	1,237,494	
	April 2012	0	906,286	
	May 2012	25	1,107,507	
	June 2012	8	897,521	
RW-3(X)	June 2011	19		
	July 2011	18		
	August 2011	0		2.87
	September 2011	4		
	October 2011	20		
	November 2011	23		
	December 2011	17		
	January 2012	9		
	February 2012	28		
	March 2012	17		
	April 2012	7		
	May 2012	26		
	June 2012	21		

Summary of Total Automated Removal		
Water:	**4,269,502**	**Gallons**
LNAPL:	**677**	**Gallons**
DNAPL:	**21**	**Gallons**

TABLE 21-7
WELL MONITORING AND RECOVERY OF LNAPL
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
June 2012

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	June 2012 Removal (liters)
East Street Area 2 - South						
13	6/11/2012	17.63	17.60	0.03	0.018	**0.018**
14	6/11/2012	18.30	18.28	0.02	0.012	**0.012**
25R	6/4/2012	20.58	20.44	0.14	0.086	**0.357**
	6/11/2012	20.67	20.42	0.25	0.154	
	6/18/2012	20.60	20.49	0.11	0.068	
	6/25/2012	20.70	20.62	0.08	0.049	
48	6/11/2012	17.01	15.58	1.43	0.882	**0.882**
55	6/11/2012	13.30	13.02	0.28	0.173	**0.173**
95-04RR	6/11/2012	14.74	13.55	0.82	2.941	**2.941**
ES2-15R	6/4/2012	14.60	12.04	2.56	1.579	**6.483**
	6/11/2012	15.02	12.28	2.74	1.690	
	6/18/2012	15.10	12.40	2.70	1.666	
	6/25/2012	15.16	12.65	2.51	1.548	
GMA1-15	6/4/2012	15.80	15.14	0.66	0.407	**1.653**
	6/11/2012	16.13	15.45	0.68	0.419	
	6/18/2012	16.31	15.62	0.69	0.426	
	6/25/2012	16.45	15.80	0.65	0.401	
GMA1-16	6/11/2012	12.30	12.25	0.05	0.031	**0.031**
GMA1-17W	6/7/2012	17.84	17.02	0.82	0.300	**1.100**
	6/14/2012	18.50	17.61	0.89	0.300	
	6/21/2012	18.70	17.80	0.90	0.200	
	6/27/2012	19.30	17.82	1.48	0.300	
GMA1-19	6/4/2012	11.42	11.03	0.39	0.241	**1.210**
	6/11/2012	11.80	11.35	0.45	0.278	
	6/18/2012	12.09	11.55	0.54	0.333	
	6/25/2012	12.22	11.64	0.58	0.358	
HR-G2-RW-1	6/11/2012	6.42	6.41	0.01	0.055	**0.055**
ESA2S-PZ-1	6/4/2012	13.50	11.80	1.70	1.049	**4.503**
	6/11/2012	13.88	12.14	1.74	1.073	
	6/18/2012	14.29	12.28	2.01	1.240	
	6/25/2012	14.30	12.45	1.85	1.141	
ESA2S-PZ-2	6/4/2012	11.95	11.18	0.77	0.475	**2.541**
	6/11/2012	12.55	11.54	1.01	0.623	
	6/18/2012	13.00	11.68	1.32	0.814	
	6/25/2012	12.88	11.86	1.02	0.629	
ESA2S-PZ-6	6/4/2012	13.30	13.20	0.10	0.062	**0.185**
	6/11/2012	13.68	13.60	0.08	0.049	
	6/18/2012	13.80	13.72	0.08	0.049	
	6/25/2012	13.94	13.90	0.04	0.025	
ESA2S-PZ-7	6/4/2012	13.08	12.98	0.10	0.062	**0.382**
	6/11/2012	13.60	13.36	0.24	0.148	
	6/18/2012	13.65	13.52	0.13	0.080	
	6/25/2012	13.84	13.69	0.15	0.092	

Total LNAPL Removal for June 2012: 22.526 liters
5.944 gallons

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

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
June 2012

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	June 2012 Removal (liters)
East Street Area 2 - South						
E2SC-03I	6/11/2012	9.63	39.08	6.16	3.800	**3.800**
E2SC-06	6/11/2012	13.70	21.49	0.06	0.024	**0.024**

Total DNAPL Removal for June 2012: 3.824 liters
1.009 gallons

Note:
1. ft BMP - feet Below Measuring Point

TABLE 21-9
64G TREATMENT PLANT DISCHARGE DATA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
June 2012

Date	Housatonic River Discharge (gallons)	Recharge Pond Discharge (gallons)	Total Discharge (gallons)
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
December 2011	7,504,260	91,471	7,595,731
January 2012	6,769,640	91,361	6,861,001
February 2012	5,750,090	120,878	5,870,968
March 2012	5,726,690	119,021	5,845,711
April 2012	4,446,920	94,746	4,541,666
May 2012	4,425,380	267,296	4,692,676
June 2012	4,751,910	254,847	5,006,757

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 21-10
ROUTINE WELL MONITORING
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
June 2012

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
20's Complex									
JJ	1,006.72	4/17/2012	28.07	---	0.00	---	36.28	0.00	978.65
30's Complex									
GMA1-29	990.91	6/20/2012	13.60	---	0.00	---	20.73	0.00	977.31
GMA1-31	989.59	6/20/2012	12.78	---	0.00	---	19.94	0.00	976.81
RF-02	983.29	6/20/2012	6.90	---	0.00	---	19.22	0.00	976.39
RF-03S	984.50	6/20/2012	8.65	---	0.00	---	14.92	0.00	975.85
RF-16R	986.37	6/20/2012	10.00	---	0.00	---	16.20	0.00	976.37
Catch Basin Culvert	982.80	6/18/2012	Dry at 4.85 feet from Survey Benchmark				NM	NA	NA
East Street Area 2 - North									
14-N	1,010.61	4/3/2012	23.58	23.42	0.16	---	31.09	0.00	987.18
14-N	1,010.61	4/17/2012	23.49	23.43	0.06	---	31.03	0.00	987.18
20-N	1,010.66	6/4/2012	28.56	---	0.00	---	37.73	0.00	982.10
20-N	1,010.66	6/11/2012	28.33	---	0.00	---	37.74	0.00	982.33
East Street Area 2 - South									
13	990.88	6/11/2012	17.63	17.60	0.03	---	23.66	0.00	973.28
14	991.77	6/11/2012	18.30	18.28	0.02	---	28.80	0.00	973.49
18R	985.27	6/4/2012	12.52	---	0.00	---	18.74	0.00	972.75
18R	985.27	6/11/2012	13.03	---	0.00	---	18.74	0.00	972.24
18R	985.27	6/18/2012	13.18	---	0.00	---	18.75	0.00	972.09
18R	985.27	6/25/2012	13.33	---	0.00	---	18.73	0.00	971.94
19R	985.42	6/4/2012	12.50	---	0.00	---	20.34	0.00	972.92
19R	985.42	6/11/2012	13.00	---	0.00	---	20.35	0.00	972.42
19R	985.38	6/18/2012	13.15	---	0.00	---	20.34	0.00	972.23
19R	985.38	6/25/2012	13.31	---	0.00	---	20.34	0.00	972.07
25R	997.47	6/4/2012	20.58	20.44	0.14	---	30.45	0.00	977.02
25R	997.47	6/11/2012	20.67	20.42	0.25	---	30.45	0.00	977.03
25R	997.47	6/18/2012	20.60	20.49	0.11	---	30.45	0.00	976.97
25R	997.47	6/25/2012	20.70	20.62	0.08	---	30.43	0.00	976.84
26RR	1,000.58	6/11/2012	21.45	---	0.00	---	28.27	0.00	979.13
28	992.04	5/21/2012	18.66	18.65	0.01	---	21.70	0.00	973.39
28	992.04	6/11/2012	18.44	---	0.00	---	21.80	0.00	973.60
29	991.73	5/29/2012	18.00	---	0.00	---	21.48	0.00	973.73
29	991.73	6/4/2012	17.90	---	0.00	---	21.43	0.00	973.83
29	991.73	6/11/2012	18.02	---	0.00	---	21.43	0.00	973.71
29	991.73	6/18/2012	18.15	---	0.00	---	21.46	0.00	973.58
29	991.73	6/25/2012	18.32	---	0.00	---	21.74	0.00	973.41
30	989.17	6/11/2012	11.36	---	0.00	---	23.48	0.00	977.81
34	982.89	4/17/2012	8.37	---	0.00	---	8.55	0.00	974.52
40R	991.60	6/11/2012	Well obstructed at 8.74 feet				8.74	NM	NM
48	988.79	6/11/2012	17.01	15.58	1.43	---	23.88	0.00	973.11
49R	988.62	6/11/2012	15.18	---	0.00	---	24.65	0.00	973.44
49RR	989.66	6/11/2012	16.71	---	0.00	---	23.70	0.00	972.95
55	985.97	6/11/2012	13.30	13.02	0.28	---	26.53	0.00	972.93
64R	993.37	6/7/2012	16.27	16.23	0.04	---	20.50	0.00	977.14
64R	993.37	6/14/2012	16.00	15.96	0.04	---	20.50	0.00	977.41
64R	993.37	6/21/2012	15.96	15.95	0.01	---	20.50	0.00	977.42
64R	993.37	6/27/2012	16.33	16.25	0.08	---	20.50	0.00	977.11
64S	984.48	6/7/2012	19.68	---	0.00	---	28.70	0.00	964.80
64S	984.48	6/14/2012	19.70	---	0.00	---	28.70	0.00	964.78
64S	984.48	6/21/2012	19.72	---	0.00	---	28.70	0.00	964.76
64S	984.48	6/27/2012	19.72	---	0.00	---	28.70	0.00	964.76
64S-Caisson	NA	6/7/2012	10.83	10.78	0.05	---	14.55	0.00	NA
64S-Caisson	NA	6/14/2012	10.55	10.50	0.05	---	14.55	0.00	NA
64S-Caisson	NA	6/21/2012	10.67	10.62	0.05	---	14.55	0.00	NA
64S-Caisson	NA	6/27/2012	10.85	10.69	0.16	---	14.55	0.00	NA

TABLE 21-10
ROUTINE WELL MONITORING
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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
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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)
64V	987.29	6/7/2012	20.86	20.59	0.27	P	29.60	< 0.01	966.68
64V	987.29	6/14/2012	21.10	20.53	0.57	P	29.60	< 0.01	966.72
64V	987.29	6/21/2012	21.10	20.40	0.70	P	29.60	< 0.01	966.84
64V	987.29	6/27/2012	21.10	20.60	0.50	P	29.60	< 0.01	966.66
64X(N)	984.83	6/7/2012	11.64	11.61	0.03	---	15.85	0.00	973.22
64X(N)	984.83	6/14/2012	11.82	11.79	0.03	---	15.85	0.00	973.04
64X(N)	984.83	6/21/2012	12.27	12.24	0.03	---	15.85	0.00	972.59
64X(N)	984.83	6/27/2012	12.34	12.31	0.03	---	15.85	0.00	972.52
64X(S)	981.56	6/7/2012	15.64	15.62	0.02	---	23.82	0.00	965.94
64X(S)	981.56	6/14/2012	15.62	15.51	0.11	---	23.82	0.00	966.04
64X(S)	981.56	6/21/2012	16.11	15.95	0.16	---	23.82	0.00	965.60
64X(S)	981.56	6/27/2012	16.20	16.00	0.20	---	23.82	0.00	965.55
64X(W)	984.87	6/7/2012	18.52	18.51	0.01	---	24.35	0.00	966.36
64X(W)	984.87	6/14/2012	18.80	18.70	0.10	---	24.35	0.00	966.16
64X(W)	984.87	6/21/2012	19.30	19.20	0.10	---	24.35	0.00	965.66
64X(W)	984.87	6/27/2012	19.36	19.22	0.14	---	24.35	0.00	965.64
95-01R	986.35	6/11/2012	13.30	---	0.00	---	19.52	0.00	973.05
95-04RR	987.84	6/11/2012	14.74	13.55	0.82	---	19.58	0.00	973.86
3-6C-EB-22	986.05	6/11/2012	13.54	---	0.00	---	19.34	0.00	972.51
E2SC-03I*	982.12	6/11/2012	9.63	---	0.00	39.08	45.24	6.16	972.49
E2SC-06	986.00	6/11/2012	13.70	---	0.00	21.49	21.55	0.06	972.30
E2SC-23	992.07	6/11/2012	16.97	---	0.00	---	21.15	0.00	975.10
E2SC-24	987.90	6/11/2012	15.58	---	0.00	---	21.62	0.00	972.32
ES2-15R	986.16	6/4/2012	14.60	12.04	2.56	---	19.48	0.00	973.94
ES2-15R	986.16	6/11/2012	15.02	12.28	2.74	---	19.49	0.00	973.69
ES2-15R	986.16	6/18/2012	15.10	12.40	2.70	---	19.48	0.00	973.57
ES2-15R	986.16	6/25/2012	15.16	12.65	2.51	---	19.48	0.00	973.33
GMA1-14	997.29	6/4/2012	18.35	---	0.00	---	24.30	0.00	978.94
GMA1-14	997.29	6/11/2012	18.30	---	0.00	---	24.30	0.00	978.99
GMA1-14	997.29	6/18/2012	18.40	---	0.00	---	24.28	0.00	978.89
GMA1-14	997.29	6/25/2012	18.62	---	0.00	---	24.25	0.00	978.67
GMA1-15	988.59	6/4/2012	15.80	15.14	0.66	---	17.78	0.00	973.40
GMA1-15	988.59	6/11/2012	16.13	15.45	0.68	---	17.79	0.00	973.09
GMA1-15	988.59	6/18/2012	16.31	15.62	0.69	---	17.78	0.00	972.92
GMA1-15	988.59	6/25/2012	16.45	15.80	0.65	---	17.78	0.00	972.74
GMA1-16	986.65	6/11/2012	12.30	12.25	0.05	---	19.87	0.00	974.40
GMA1-17E	993.03	6/11/2012	14.96	14.95	0.01	---	17.30	0.00	978.08
GMA1-17W	995.42	6/7/2012	17.84	17.02	0.82	---	NM	0.00	978.34
GMA1-17W	995.42	6/14/2012	18.50	17.61	0.89	---	NM	0.00	977.75
GMA1-17W	995.42	6/21/2012	18.70	17.80	0.90	---	NM	0.00	977.56
GMA1-17W	995.42	6/27/2012	19.30	17.82	1.48	---	NM	0.00	977.50
GMA1-19	984.11	6/4/2012	11.42	11.03	0.39	---	17.14	0.00	973.05
GMA1-19	984.11	6/11/2012	11.80	11.35	0.45	---	17.15	0.00	972.73
GMA1-19	984.11	6/18/2012	12.09	11.55	0.54	---	17.14	0.00	972.52
GMA1-19	984.11	6/25/2012	12.22	11.64	0.58	---	17.14	0.00	972.43
GMA1-20R	984.31	6/4/2012	11.43	---	0.00	---	20.05	0.00	972.88
GMA1-20R	984.31	6/11/2012	11.88	---	0.00	---	20.04	0.00	972.43
GMA1-20R	984.31	6/18/2012	12.07	---	0.00	---	20.06	0.00	972.24
GMA1-20R	984.31	6/25/2012	12.21	---	0.00	---	20.06	0.00	972.10
GMA1-21	985.48	6/4/2012	12.56	---	0.00	---	19.58	0.00	972.92
GMA1-21	985.48	6/11/2012	12.93	---	0.00	---	19.58	0.00	972.55
GMA1-21	985.48	6/18/2012	13.10	---	0.00	---	19.58	0.00	972.38
GMA1-21	985.48	6/25/2012	13.28	---	0.00	---	19.59	0.00	972.20
GMA1-22	988.42	6/4/2012	14.82	---	0.00	---	19.14	0.00	973.60
GMA1-22	988.42	6/11/2012	15.16	---	0.00	---	19.15	0.00	973.26
GMA1-22	988.42	6/18/2012	15.32	---	0.00	---	19.14	0.00	973.10
GMA1-22	988.42	6/25/2012	15.52	---	0.00	---	19.13	0.00	972.90
GMA1-23R	985.67	6/4/2012	12.40	---	0.00	---	19.42	0.00	973.27
GMA1-23R	985.67	6/11/2012	12.70	---	0.00	---	19.42	0.00	972.97
GMA1-23R	985.67	6/18/2012	12.86	---	0.00	---	19.40	0.00	972.81
GMA1-23R	985.67	6/25/2012	13.40	---	0.00	---	19.40	0.00	972.27

TABLE 21-10
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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)
GMA1-24R	985.40	6/4/2012	12.45	---	0.00	---	20.14	0.00	972.95
GMA1-24R	985.52	6/11/2012	12.90	---	0.00	---	20.14	0.00	972.62
GMA1-24R	985.52	6/18/2012	13.06	---	0.00	---	20.14	0.00	972.46
GMA1-24R	985.52	6/25/2012	13.24	---	0.00	---	20.14	0.00	972.28
GMA1-30	985.45	6/11/2012	13.30	---	0.00	---	20.15	0.00	972.15
HR-G2-MW-1	982.51	6/11/2012	11.03	---	0.00	---	18.24	0.00	971.48
HR-G2-MW-2	981.22	6/11/2012	8.83	---	0.00	---	17.66	0.00	972.39
HR-G2-MW-3	986.95	6/11/2012	14.80	---	0.00	---	21.46	0.00	972.15
HR-G2-RW-1	976.89	6/11/2012	6.42	6.41	0.01	---	18.64	0.00	972.10
ESA2S-PZ-1	985.04	6/4/2012	13.50	11.80	1.70	---	23.74	0.00	973.12
ESA2S-PZ-1	985.04	6/11/2012	13.88	12.14	1.74	---	23.75	0.00	972.78
ESA2S-PZ-1	985.04	6/18/2012	14.29	12.28	2.01	---	23.70	0.00	972.62
ESA2S-PZ-1	985.04	6/25/2012	14.30	12.45	1.85	---	23.73	0.00	972.46
ESA2S-PZ-2	984.30	6/4/2012	11.95	11.18	0.77	---	22.18	0.00	973.07
ESA2S-PZ-2	984.30	6/11/2012	12.55	11.54	1.01	---	22.18	0.00	972.69
ESA2S-PZ-2	984.30	6/18/2012	13.00	11.68	1.32	---	22.20	0.00	972.53
ESA2S-PZ-2	984.30	6/25/2012	12.88	11.86	1.02	---	22.18	0.00	972.37
ESA2S-PZ-3	986.62	6/4/2012	13.60	---	0.00	---	24.32	0.00	973.02
ESA2S-PZ-3	986.62	6/11/2012	14.01	---	0.00	---	24.32	0.00	972.61
ESA2S-PZ-3	986.62	6/18/2012	14.14	---	0.00	---	24.31	0.00	972.48
ESA2S-PZ-3	986.62	6/25/2012	14.30	---	0.00	---	24.32	0.00	972.32
ESA2S-PZ-4	986.35	6/4/2012	13.45	---	0.00	---	25.02	0.00	972.90
ESA2S-PZ-4	986.35	6/11/2012	13.89	---	0.00	---	25.02	0.00	972.46
ESA2S-PZ-4	986.41	6/18/2012	14.05	---	0.00	---	25.03	0.00	972.36
ESA2S-PZ-4	986.41	6/25/2012	14.24	---	0.00	---	25.01	0.00	972.17
ESA2S-PZ-5	985.90	6/4/2012	13.02	---	0.00	---	24.88	0.00	972.88
ESA2S-PZ-5	985.90	6/11/2012	13.40	---	0.00	---	24.88	0.00	972.50
ESA2S-PZ-5	986.96	6/18/2012	13.55	---	0.00	---	24.78	0.00	973.41
ESA2S-PZ-5	985.96	6/25/2012	13.75	---	0.00	---	24.79	0.00	972.21
ESA2S-PZ-6	986.24	6/4/2012	13.30	13.20	0.10	---	22.10	0.00	973.03
ESA2S-PZ-6	986.24	6/11/2012	13.68	13.60	0.08	---	22.09	0.00	972.63
ESA2S-PZ-6	986.24	6/18/2012	13.80	13.72	0.08	---	22.10	0.00	972.51
ESA2S-PZ-6	986.24	6/25/2012	13.94	13.90	0.04	---	22.10	0.00	972.34
ESA2S-PZ-7	986.14	6/4/2012	13.08	12.98	0.10	---	25.02	0.00	973.15
ESA2S-PZ-7	986.14	6/11/2012	13.60	13.36	0.24	---	25.02	0.00	972.76
ESA2S-PZ-7	986.14	6/18/2012	13.65	13.52	0.13	---	25.02	0.00	972.61
ESA2S-PZ-7	986.14	6/25/2012	13.84	13.69	0.15	---	25.02	0.00	972.44
RW-1(S)	987.23	6/7/2012	17.86	17.42	0.44	---	28.60	0.00	969.78
RW-1(S)	987.23	6/14/2012	18.09	17.64	0.45	---	28.60	0.00	969.56
RW-1(S)	987.23	6/21/2012	17.65	17.44	0.21	---	28.60	0.00	969.78
RW-1(S)	987.23	6/27/2012	18.64	18.51	0.13	---	28.60	0.00	968.71
RW-1(X)	982.68	6/7/2012	14.26	13.95	0.31	---	20.80	0.00	968.71
RW-1(X)	982.68	6/14/2012	14.85	14.05	0.80	---	20.80	0.00	968.57
RW-1(X)	982.68	6/21/2012	14.67	14.46	0.21	---	20.80	0.00	968.21
RW-1(X)	982.68	6/27/2012	14.72	14.52	0.20	---	20.80	0.00	968.15
RW-2(X)	985.96	6/7/2012	15.72	---	0.00	---	22.80	0.00	970.24
RW-2(X)	985.96	6/14/2012	15.90	---	0.00	---	22.80	0.00	970.06
RW-2(X)	985.96	6/21/2012	16.26	---	0.00	---	22.80	0.00	969.70
RW-2(X)	985.96	6/27/2012	16.20	---	0.00	---	22.80	0.00	969.76
RW-3(X)	980.28	6/7/2012	8.39	---	0.00	44.01	44.40	0.39	971.89
RW-3(X)	980.28	6/14/2012	8.39	---	0.00	44.00	44.40	0.40	971.89
RW-3(X)	980.28	6/21/2012	8.62	---	0.00	44.09	44.40	0.31	971.66
RW-3(X)	980.28	6/27/2012	8.71	---	0.00	44.02	44.40	0.38	971.57
RW-4	987.45	6/7/2012	19.49	19.21	0.28	---	29.05	0.00	968.22
RW-4	987.45	6/14/2012	19.45	18.61	0.84	---	29.05	0.00	968.78
RW-4	987.45	6/21/2012	20.10	19.55	0.55	---	29.05	0.00	967.86
RW-4	987.45	6/27/2012	19.58	19.11	0.47	---	29.05	0.00	968.31

TABLE 21-10
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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									
SG-HR-1	990.73	6/4/2012	18.61	See Note 7 regarding depth to water					972.12
SG-HR-1	990.73	6/11/2012	19.66	See Note 7 regarding depth to water					971.07
SG-HR-1	990.73	6/18/2012	19.78	See Note 7 regarding depth to water					970.95
SG-HR-1	990.73	6/25/2012	19.90	See Note 7 regarding depth to water					970.83

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.
9. Wells presented above with previous months dates had the measuring point modified prior to the monitoring date listed in the "Date" column; this data represents the groundwater elevation with the updated survey information.

TABLE 21-11
ACTIVE RECOVERY SYSTEMS MONTHLY SUMMARY
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
June 2012

Month / Year	Volume Water Pumped (gallon)	RW-1R LNAPL Recovered (gallon)	RW-3 LNAPL Recovered (gallon)
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
December 2011	275,635	--	--
January 2012	192,369	--	--
February 2012	188,045	--	--
March 2012	300,149	--	5
April 2012	130,782	--	--
May 2012	191,714	--	5
June 2012	133,472	--	10

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

TABLE 21-12
MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
June 2012

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	June 2012 Removal (liters)
LSSC-07	6/4/2012	10.14	25.00	0.08	0.049	**0.357**
	6/11/2012	10.64	24.79	0.29	0.179	
	6/18/2012	10.72	24.78	0.12	0.074	
	6/25/2012	10.97	24.81	0.09	0.055	
LSSC-08I	6/4/2012	11.50	23.18	0.05	0.031	**0.049**
	6/25/2012	12.68	23.20	0.03	0.018	

Total Manual DNAPL Removal for June 2012: 0.406 liters
0.107 gallons

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

TABLE 21-13
ROUTINE WELL MONITORING
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
June 2012

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
EPA-01	983.04	6/1/2012	11.96	---	0.00	---	22.64	0.00	971.08
LS-24	986.58	6/1/2012	17.71	---	0.00	---	19.39	0.00	968.87
LS-30	986.44	6/1/2012	15.24	---	0.00	23.66	23.93	0.27	971.20
LS-31	987.09	6/1/2012	15.70	---	0.00	25.19	25.46	0.27	971.39
LS-38	986.95	6/1/2012	16.27	---	0.00	---	26.06	0.00	970.68
LS-38S	987.82	6/1/2012	16.27	---	0.00	---	18.09	0.00	971.55
LS-44	981.16	6/1/2012	9.86	---	0.00	---	25.45	0.00	971.30
LSSC-07	982.47	6/4/2012	10.14	---	0.00	25.00	25.08	0.08	972.33
LSSC-07	982.47	6/11/2012	10.64	---	0.00	24.79	25.08	0.29	971.83
LSSC-07	982.31	6/18/2012	10.72	---	0.00	24.78	24.90	0.12	971.59
LSSC-07	982.31	6/25/2012	10.97	---	0.00	24.81	24.90	0.09	971.34
LSSC-08I	983.13	6/4/2012	11.50	---	0.00	23.18	23.23	0.05	971.63
LSSC-08I	983.13	6/11/2012	12.34	---	0.00	---	23.23	0.00	970.79
LSSC-08I	983.13	6/18/2012	12.50	---	0.00	---	23.23	0.00	970.63
LSSC-08I	983.13	6/25/2012	12.68	---	0.00	23.20	23.23	0.03	970.45
LSSC-08S	983.11	6/1/2012	12.14	---	0.00	---	14.64	0.00	970.97
LSSC-16I	980.84	6/1/2012	8.82	---	0.00	---	28.51	0.00	972.02
LSSC-18	987.32	6/1/2012	18.12	---	0.00	---	22.50	0.00	969.20
LSSC-32	980.69	6/1/2012	9.06	---	0.00	---	35.30	0.00	971.63
LSSC-33	980.57	6/1/2012	8.99	---	0.00	---	29.19	0.00	971.58
RW-1 (R)	985.07	6/7/2012	17.86	P	< 0.01	P	21.65	< 0.01	967.21
RW-1 (R)	985.07	6/14/2012	17.65	P	< 0.01	P	21.65	< 0.01	967.42
RW-1 (R)	985.07	6/21/2012	17.45	P	< 0.01	P	21.65	< 0.01	967.62
RW-1 (R)	985.07	6/27/2012	17.65	P	< 0.01	P	21.65	< 0.01	967.42
RW-2	985.92	6/7/2012	16.88	---	0.00	---	24.70	0.00	969.04
RW-2	985.92	6/14/2012	17.10	---	0.00	---	24.70	0.00	968.82
RW-2	985.92	6/21/2012	17.04	---	0.00	---	24.70	0.00	968.88
RW-2	985.92	6/27/2012	17.09	---	0.00	---	24.70	0.00	968.83
RW-3	985.70	6/7/2012	15.32	15.12	0.20	---	22.70	0.00	970.57
RW-3	985.70	6/14/2012	16.10	15.76	0.34	---	22.70	0.00	969.92
RW-3	985.70	6/21/2012	15.55	15.40	0.15	---	22.70	0.00	970.29
RW-3	985.70	6/27/2012	15.24	15.22	0.02	---	22.70	0.00	970.48
Housatonic River (Lyman Street Bridge)									
BM-2A	986.32	6/4/2012	15.58	See Note 4 regarding depth to water					970.74
BM-2A	986.32	6/11/2012	16.60	See Note 4 regarding depth to water					969.72
BM-2A	986.32	6/18/2012	16.57	See Note 4 regarding depth to water					969.75
BM-2A	986.32	6/25/2012	16.68	See Note 4 regarding depth to water					969.64

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 21-14
ACTIVE DNAPL RECOVERY SYSTEMS MONTHLY SUMMARY
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
June 2012

Recovery System	Date	Total Gallons Recovered
System 2(1)	June 2011	0.0
	July 2011	0.0
	August 2011	10.0
	September 2011	24.0
	October 2011	0.0
	November 2011	0.0
	December 2011	14.0
	January 2012	0.0
	February 2012	0.0
	March 2012	0.0
	April 2012	10.0
	May 2012	0.0
	June 2012	12.0
Total Automated DNAPL Removal for June 2012:		12.0

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

TABLE 21-15
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

CONSENT DECREE MONTHLY STATUS REPORT
GROUNDWATER MANAGEMENT AREA 1 - NEWELL STREET AREA II
MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL
June 2012

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	June 2012 Removal (liters)
N2SC-07	6/6/2012	9.84	35.85	0.05	0.037	**0.037**
N2SC-08	6/6/2012	10.73	39.78	1.06	0.654	**0.654**

Total DNAPL Removal for June 2012: 0.691 liters
0.182 gallons

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

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
June 2012

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
N2SC-01I	984.99	6/6/2012	11.47	---	0.00	37.10	40.27	3.17	973.52
N2SC-01I(R)	984.34	6/7/2012	15.18	NM	NM	40.56	42.60	2.04	969.16
N2SC-01I(R)	984.34	6/14/2012	15.52	NM	NM	41.05	42.60	1.55	968.82
N2SC-01I(R)	984.34	6/21/2012	15.90	NM	NM	40.81	42.60	1.79	968.44
N2SC-01I(R)	984.34	6/27/2012	15.80	NM	NM	40.90	42.60	1.70	968.54
N2SC-02	983.18	6/6/2012	10.54	---	0.00	---	38.14	0.00	972.64
N2SC-03I	982.97	6/6/2012	10.00	---	0.00	37.26	37.65	0.39	972.97
N2SC-03I(R)	985.86	6/7/2012	13.24	NM	NM	39.67	41.10	1.43	972.62
N2SC-03I(R)	985.86	6/14/2012	13.61	NM	NM	39.40	41.10	1.70	972.25
N2SC-03I(R)	985.86	6/21/2012	14.00	NM	NM	39.32	41.10	1.78	971.86
N2SC-03I(R)	985.86	6/27/2012	13.99	NM	NM	38.95	41.10	2.15	971.87
N2SC-07	984.61	6/6/2012	9.84	---	0.00	35.85	35.90	0.05	974.77
N2SC-08	986.07	6/6/2012	10.73	---	0.00	39.78	40.84	1.06	975.34
N2SC-14	986.66	6/7/2012	14.02	NM	NM	39.34	40.00	0.66	972.64
N2SC-14	986.66	6/14/2012	14.30	NM	NM	39.46	40.00	0.54	972.36
N2SC-14	986.66	6/21/2012	14.66	NM	NM	39.06	40.00	0.94	972.00
N2SC-14	986.66	6/27/2012	14.65	NM	NM	38.72	40.00	1.28	972.01
NS-9R	983.37	4/18/2012	11.40	---	0.00	---	16.50	0.00	971.97

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.
4. Well presented above with previous months dates had the measuring point modified prior to the monitoring date listed in the "Date" column; this data represents the groundwater elevation with the updated survey information.

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
June 2012

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Staff Gauge within Silver Lake									
BM-SL-5	980.30	6/4/2012	4.34	See Note 3 regarding depth to water					975.96
BM-SL-5	980.30	6/11/2012	4.63	See Note 3 regarding depth to water					975.67
BM-SL-5	980.30	6/18/2012	4.65	See Note 3 regarding depth to water					975.65
BM-SL-5	980.30	6/25/2012	4.61	See Note 3 regarding depth to water					975.69

Notes:

1. ft BMP - feet Below Measuring Point.
2. NA = information not available.
3. Survey reference point BM-SL-5 was established on the former Silver Lake staff gauge support structure following destruction of the gauge due to ice. The "Depth to Water" value(s) provided in the above table refer to the vertical distance as measured down from the surveyed reference point to the water surface.
4. Additional groundwater elevation data may also be collected from wells near Silver Lake that are located in the 30s Complex and at the Lyman Street Area. If available, those results are presented in the monitoring tables for those Removal Action Areas.

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
June 2012

Date	Gauge Measurement (ft)	Calculated Flow (cfs)
6/28/2012	3.30	1.13

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

ITEM 22
GROUNDWATER MANAGEMENT AREAS
FORMER OXBOWS J & K (GMA 2)
(GECD320)
JUNE 2012

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

a. Activities Undertaken/Completed

- Conducted routine river elevation monitoring.
- Surveyed well GMA2-3, where the inner casing was modified during replacement of the manhole above the well.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted draft Final Completion Report for GMA 2 Removal Action to EPA (June 14, 2012).

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

Continue routine river elevation monitoring.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Need to discuss scheduling of Pre-Certification Inspection.

f. Proposed/Approved Work Plan Modifications

None

TABLE 22-1
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 2

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
June 2012

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	6/18/2012	17.28	See Note 2 regarding depth to water					972.54

Notes:

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

ITEM 23
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 2 (GMA 3)
(GECD330)
JUNE 2012

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

a. Activities Undertaken/Completed

- Conducted routine groundwater elevation monitoring and NAPL monitoring/recovery activities.

- Removed approximately 8.8 gallons of LNAPL by the automatic skimmer located in well 51-21, and approximately 3.7 gallons of LNAPL by the automatic skimmer located in well GMA3-17 (see Table 23-3). An additional 3.708 liters (0.978 gallon) of LNAPL were manually removed from the wells in this area during June (see Table 23-4).

- Sampled drummed purge water generated during spring 2012 well development and sampling event, as indicated in Table 23-1.

- Conducted maintenance activities at the following wells: 016B-R (replaced lock), 043A (replaced J-plug), 51-05 (replaced J-plug and lock), 51-09 (replaced J-plug and lock), 51-14 (re-tapped bolt holes and replaced bolts), 59-01 (replaced lock), 59-03R (replaced J-plug, gasket, and lock), GMA3-4 (re-tapped bolt holes and replaced bolts, washers, and lock), GMA3-7 (replaced bolts), GMA3-9 (re-tapped bolt holes and replaced bolts and washers), GMA3-10 (replaced bolts, gasket, J-plug, and lock), GMA3-12 (replaced J-plug and lock), and GMA3-13 (replaced J-plug).

- Re-surveyed the following wells: 0002A, 016A, 51-07, 51-09, 59-01, and GMA3-10.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

ITEM 23
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 2 (GMA 3)
(GECD330)
JUNE 2012

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

- Continue routine groundwater and NAPL monitoring/recovery activities, including quarterly monitoring activities.

- Continue any remaining well maintenance and/or survey activities identified during or since the spring 2012 monitoring event on properties where GE has access permission (see Item 23.e below), including re-survey of wells where inner casing modifications were made as part of their maintenance.

- Continue preparation of the Spring 2012 Groundwater/NAPL Monitoring Report (due to EPA on August 31, 2012).

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. The Navy advised GE and EPA on June 12, 2012 that the reissued license would be sent to GE shortly. However, the reissued license has not been received to date. 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

None

TABLE 23-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JUNE 2012

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
Purgewater from GMA3 Well Development and Sampling Activities in Spring 2012	GMA3 Water	6/7/12	Water	SGS	PCB, VOC, SVOC, RCRA 8 Metals	6/18/12

TABLE 23-2
DATA RECEIVED DURING JUNE 2012

PURGEWATER FROM GMA3 WELL DEVELOPMENT AND SAMPLING ACTIVITIES IN SPRING 2012
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	GMA3 Water 06/07/12
Volatile Organics	
Benzene	0.019
Chlorobenzene	0.012
Chloroform	0.00034 J
Ethylbenzene	0.00014 J
Toluene	0.00057 J
trans-1,2-Dichloroethene	0.00065 J
Trichloroethene	0.0042
Xylenes (total)	0.0020 J
PCBs-Unfiltered	
Aroclor-1254	0.051
Aroclor-1260	0.022
Total PCBs	0.073
Semivolatile Organics	
1,2,4-Trichlorobenzene	0.0055
1,2-Dichlorobenzene	0.0041 J
1,4-Dichlorobenzene	0.0027 J
2-Chlorophenol	0.0042 J
Phenol	0.015
Inorganics-Unfiltered	
Arsenic	0.00806 B
Barium	0.182
Cadmium	0.00510
Chromium	0.0129
Lead	0.0274
Mercury	0.0000125 B
Selenium	0.00500 B
Silver	0.00168 B

Notes:

1. Sample was collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of volatiles, PCBs, semivolatiles and metals.
2. Only detected constituents are summarized.

Data Qualifiers:

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

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

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
June 2012

Recovery Well	Month	Vol. LNAPL Collected (gallons)
51-21	June 2011	0.3
	July 2011	1.1
	August 2011	8.8
	September 2011	3.3
	October 2011	8.1
	November 2011	5.5
	December 2011	11.7
	January 2012	3.6
	February 2012	11.0
	March 2012	8.4
	April 2012	4.8
	May 2012	8.2
	June 2012	8.8
GMA3-17	June 2011	2.3
	July 2011	0.2
	August 2011	0.3
	September 2011	1.5
	October 2011	1.4
	November 2011	0.7
	December 2011	2.6
	January 2012	13.6
	February 2012	11.0
	March 2012	8.6
	April 2012	4.3
	May 2012	3.6
	June 2012	3.7

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
June 2012

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	June 2012 Removal (liters)
51-08	6/4/2012	11.33	10.76	0.57	0.352	**2.128**
	6/11/2012	11.55	10.93	0.62	0.382	
	6/18/2012	12.01	10.95	1.06	0.654	
	6/25/2012	12.30	11.10	1.20	0.740	
51-17	6/7/2012	11.10	9.90	1.20	0.740	**0.740**
59-03R	6/7/2012	11.97	11.29	0.68	0.419	**0.419**
GMA3-10	6/7/2012	11.24	11.04	0.20	0.123	**0.302**
	6/25/2012	11.64	11.35	0.29	0.179	
GMA3-13	6/18/2012	11.53	11.44	0.09	0.055	**0.098**
	6/25/2012	11.65	11.58	0.07	0.043	
UB-PZ-3	6/7/2012	12.21	12.15	0.06	0.021	**0.021**

Total LNAPL Removed for June 2012: 3.708 liters
0.978 gallons

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

TABLE 23-5
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
June 2012

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	6/7/2012	10.13	10.01	0.12	---	10.50	0.00	986.36
51-06	997.32	6/7/2012	10.59	---	0.00	---	14.20	0.00	986.73
51-07	996.99	4/6/2012	10.50	---	0.00	---	12.84	0.00	986.49
51-07	996.99	4/16/2012	10.68	---	0.00	---	12.85	0.00	986.31
51-07	996.99	5/2/2012	10.81	---	0.00	---	14.60	0.00	986.18
51-07	996.99	5/9/2012	10.70	---	0.00	---	14.36	0.00	986.29
51-07	996.99	6/7/2012	10.49	---	0.00	---	14.39	0.00	NA
51-08	997.18	6/4/2012	11.33	10.76	0.57	---	14.60	0.00	986.38
51-08	997.18	6/11/2012	11.55	10.93	0.62	---	14.59	0.00	986.21
51-08	997.18	6/18/2012	12.01	10.95	1.06	---	14.58	0.00	986.16
51-08	997.18	6/25/2012	12.30	11.10	1.20	---	14.58	0.00	986.00
51-09	997.66	6/7/2012	9.71	---	0.00	---	14.62	0.00	987.95
51-11	994.39	6/7/2012	8.67	---	0.00	---	14.64	0.00	985.72
51-12	996.56	6/7/2012	7.18	---	0.00	---	13.40	0.00	989.38
51-13	997.29	6/7/2012	10.97	---	0.00	---	13.70	0.00	986.32
51-14	996.64	6/7/2012	10.25	---	0.00	---	14.78	0.00	986.39
51-15	996.46	6/7/2012	10.12	10.05	0.07	---	14.30	0.00	986.41
51-16R	996.44	6/7/2012	10.12	10.04	0.08	---	14.49	0.00	986.39
51-17	996.27	6/7/2012	11.10	9.90	1.20	---	14.50	0.00	986.29
51-18	997.26	6/7/2012	10.78	---	0.00	---	12.52	0.00	986.48
51-19	996.46	6/7/2012	10.24	10.18	0.06	---	14.12	0.00	986.28
51-21	1,001.43	6/7/2012	15.34	---	0.00	---	NM	0.00	986.09
51-21	1,001.43	6/14/2012	15.51	---	0.00	---	NM	0.00	985.92
51-21	1,001.43	6/21/2012	15.66	P	< 0.01	---	NM	0.00	985.77
51-21	1,001.43	6/27/2012	15.82	---	0.00	---	NM	0.00	985.61
59-01	997.80	4/6/2012	11.22	---	0.00	---	18.09	0.00	986.58
59-01	997.80	4/16/2012	11.36	---	0.00	---	18.09	0.00	986.44
59-01	997.80	6/7/2012	11.44	---	0.00	---	19.26	0.00	986.36
59-03R	997.65	6/7/2012	11.97	11.29	0.68	---	17.02	0.00	986.31
59-07	997.80	6/7/2012	11.59	11.58	0.01	---	23.48	0.00	986.22
078B-R	988.73	6/7/2012	2.35	---	0.00	---	11.64	0.00	986.38
GMA3-10	997.49	5/21/2012	11.14	11.10	0.04	---	17.66	0.00	986.39
GMA3-10	997.49	5/29/2012	11.21	11.10	0.11	---	17.62	0.00	986.38
GMA3-10	997.49	6/4/2012	11.18	11.05	0.13	---	17.62	0.00	986.43
GMA3-10	997.49	6/7/2012	11.24	11.04	0.20	---	17.62	0.00	986.44
GMA3-10	997.49	6/11/2012	11.15	11.11	0.04	---	17.62	0.00	986.38
GMA3-10	997.49	6/18/2012	11.34	11.21	0.13	---	17.66	0.00	986.27
GMA3-10	997.49	6/25/2012	11.64	11.35	0.29	---	17.65	0.00	986.12
GMA3-11	997.25	6/7/2012	10.44	---	0.00	---	17.85	0.00	986.81
GMA3-12	997.85	6/4/2012	11.50	11.48	0.02	---	21.04	0.00	986.37
GMA3-12	997.85	6/11/2012	11.65	11.54	0.11	---	21.04	0.00	986.30
GMA3-12	997.85	6/18/2012	11.73	11.65	0.08	---	21.04	0.00	986.19
GMA3-12	997.85	6/25/2012	11.95	11.80	0.15	---	21.03	0.00	986.04
GMA3-13	997.71	6/4/2012	11.28	---	0.00	---	17.39	0.00	986.43
GMA3-13	997.71	6/11/2012	11.32	---	0.00	---	17.40	0.00	986.39
GMA3-13	997.71	6/18/2012	11.53	11.44	0.09	---	17.39	0.00	986.26
GMA3-13	997.71	6/25/2012	11.65	11.58	0.07	---	17.40	0.00	986.13
GMA3-14	997.42	6/7/2012	10.86	---	0.00	---	16.15	0.00	986.56
GMA3-16	989.17	6/7/2012	2.47	---	0.00	---	12.07	0.00	986.70

TABLE 23-5
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
June 2012

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	6/7/2012	17.18	---	0.00	---	NM	0.00	985.99
GMA3-17	1,003.17	6/14/2012	17.40	---	0.00	---	NM	0.00	985.77
GMA3-17	1,003.17	6/21/2012	17.50	---	0.00	---	NM	0.00	985.67
GMA3-17	1,003.17	6/27/2012	17.64	P	< 0.01	---	NM	0.00	985.53
UB-MW-10R	996.12	6/7/2012	9.47	---	0.00	---	15.63	0.00	986.65
UB-PZ-3	998.22	6/7/2012	12.21	12.15	0.06	---	13.65	0.00	986.07

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates NAPL was not present in a measurable quantit
3. NA indicates information not available
4. NM indicates information not measurec
5. P indicates that NAPL is present at a thickness that is < 0.01 feet, the corresponding thickness is recorded as suc
6. Survey reference points were established on the GMA 3 staff gauges. The "Depth to Water" value(s) provided in the above table refer to the vertical distance from the surveyed reference point to the water surface.
7. Wells presented above with previous months dates had the measuring point modified prior to the monitoring date listed in the "Date" column; this data represents the groundwater elevation with the updated survey information.

ITEM 24
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 3 (GMA 4)
(GECD340)
JUNE 2012

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

- Sampled drummed purge water generated during spring 2012 well development and sampling event, as indicated in Table 24-1.

- Conducted maintenance activities at the following wells: 060B-R (replaced bolts and washers), GMA4-2 (added lock), SCH-4 (re-tapped/replaced bolts, added lock), 78-3 (cut down inner casing, added lock and washers), GMA4-1 (re-tapped/replaced bolts, added washers), 78-6 (added washers), and GMA4-6 (re-tapped bolt holes, added washers).

- Surveyed wells 78-4, GMA4-2, and 78-3.

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 any remaining well maintenance and/or survey activities identified during or since the spring 2012 monitoring event, where possible (see Item 24.e below).

- Submit the Spring 2012 Monitoring Event Evaluation Report (due to EPA on July 30, 2012 - see Item 24.e below).

ITEM 24
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 3 (GMA 4)
(GECD340)
JUNE 2012

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- General Dynamics has advised GE that a construction trailer that has been parked above the location of monitoring well UB-MW-5 may remain in place for several months. As such, GE will be unable to perform planned monitoring or maintenance activities at this well until the trailer is moved.

- The Spring 2012 Monitoring Event Evaluation Report is due 60 days from receipt of the final laboratory packages from the fall 2011 sampling round. Those data packages were received on May 31, 2012, resulting in a report submittal date of July 30, 2012.

f. Proposed/Approved Work Plan Modifications

None

TABLE 24-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JUNE 2012

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
Purgewater from GMA4 Well Development and Sampling Activities in Spring 2012	GMA4 Water	6/7/12	Water	SGS	PCB, VOC, SVOC, RCRA 8 Metals	6/18/12

TABLE 24-2
DATA RECEIVED DURING JUNE 2012

PURGEWATER FROM GMA4 WELL DEVELOPMENT AND SAMPLING ACTIVITIES IN SPRING 2012
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	GMA4 Water 06/07/12
Volatile Organics	
Chloroform	0.0011
Tetrachloroethene	0.019
PCBs-Unfiltered	
Aroclor-1248	0.00040
Aroclor-1254	0.0010
Aroclor-1260	0.00026
Total PCBs	0.00166
Semivolatile Organics	
None Detected	--
Inorganics-Unfiltered	
Barium	0.0317 B
Cadmium	0.00182 B
Chromium	0.00444 B
Lead	0.0103
Silver	0.00217 B

Notes:

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

Data Qualifiers:

Inorganics

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

ITEM 24A
GROUNDWATER MANAGEMENT AREAS
ON-PLANT CONSOLIDATION AREAS
POST-CLOSURE PROGRAM
JUNE 2012

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

Conducted maintenance activities at the following wells: 78-1 (replaced bolts), 78-6 (replaced washers), and GMA4-6 (re-tapped bolt holes and replaced washers).

b. Sampling/Test Results Received

None. (Note: GE was notified in June 2012 that the laboratory had inadvertently failed to analyze the spring 2012 groundwater samples for tin. However, the lab had retained the samples and was able to complete the tin analyses within the holding time. GE has now received the results of those tin analyses, which were all non-detect.)

c. Work Plans/Reports/Documents Submitted

None

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

- Conduct well maintenance and/or survey activities identified during or after the spring 2012 monitoring event, including re-survey of wells where inner casing modifications are made as part of their maintenance.

- Submit the Spring 2012 Monitoring Event Evaluation Report (due to EPA on July 30, 2012 - see Item 24A.e below).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

The Spring 2012 Monitoring Event Evaluation Report is due 60 days from receipt of the final laboratory packages from the fall 2011 sampling round. Those data packages were received on May 31, 2012, resulting in a report submittal date of July 30, 2012.

f. Proposed/Approved Work Plan Modifications

None

Attachment A

NPDES Sampling Records
and Results – June 2012

TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JUNE 2012

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	005-2Q3M-1X-CP	6/4/12	Water	SGS	PCB	6/12/12
NPDES Sampling	005-2Q3M-1X-CT	6/4/12	Water	Columbia	TSS	6/20/12
NPDES Sampling	005-2Q3M-1X-GO	6/4/12	Water	Columbia	Oil & Grease	6/20/12
NPDES Sampling	005-2Q3M-2X-CP	6/11/12	Water	SGS	PCB	6/19/12
NPDES Sampling	005-2Q3M-2X-CT	6/11/12	Water	Columbia	TSS	6/19/12
NPDES Sampling	005-2Q3M-2X-GO	6/11/12	Water	Columbia	Oil & Grease	6/19/12
NPDES Sampling	006D-2Q2M-2X-CT	5/24/12	Water	Columbia	TSS	6/4/12
NPDES Sampling	006D-2Q3M-1X-CP	6/12/12	Water	SGS	PCB	6/21/12
NPDES Sampling	006D-2Q3M-1X-CT	6/12/12	Water	Columbia	TSS	6/21/12
NPDES Sampling	006D-2Q3M-1X-GO	6/11/12	Water	Columbia	Oil & Grease	6/19/12
NPDES Sampling	006D-2Q3M-1X-GS	6/11/12	Water	Columbia	SVOC	6/19/12
NPDES Sampling	006D-2Q3M-1X-GV	6/11/12	Water	Columbia	VOC	6/19/12
NPDES Sampling	006D-2Q3M-2X-CP	6/25/12	Water	SGS	PCB	6/29/12
NPDES Sampling	006D-2Q3M-2X-CT	6/25/12	Water	Columbia	TSS	
NPDES Sampling	006D-2Q3M-2X-GO	6/24/12	Water	Columbia	Oil & Grease	
NPDES Sampling	006D-2Q3M-2X-GS	6/24/12	Water	Columbia	SVOC	
NPDES Sampling	006D-2Q3M-2X-GV	6/24/12	Water	Columbia	VOC	
NPDES Sampling	009D-2Q2M-2X-CT	5/24/12	Water	Columbia	TSS	6/4/12
NPDES Sampling	009D-2Q3M-1X-CP	6/12/12	Water	SGS	PCB	6/21/12
NPDES Sampling	009D-2Q3M-1X-CT	6/12/12	Water	Columbia	TSS	6/21/12
NPDES Sampling	009D-2Q3M-1X-GO	6/11/12	Water	Columbia	Oil & Grease	6/19/12
NPDES Sampling	009D-2Q3M-2X-CP	6/19/12	Water	SGS	PCB	6/25/12
NPDES Sampling	009D-2Q3M-2X-CT	6/19/12	Water	Columbia	TSS	6/27/12
NPDES Sampling	009D-2Q3M-2X-GO	6/18/12	Water	Columbia	Oil & Grease	6/27/12
NPDES Sampling	05AD-2Q2M-2X-CT	5/24/12	Water	Columbia	TSS	6/4/12
NPDES Sampling	05BW-2Q-1X-CP	6/2/12	Water	SGS	PCB	6/12/12
NPDES Sampling	05BW-2Q-1X-CT	6/2/12	Water	Columbia	TSS	6/20/12
NPDES Sampling	05BW-2Q-1X-GO	6/2/12	Water	Columbia	Oil & Grease	6/20/12
NPDES Sampling	09B-2Q-3X-CP	6/4/12	Water	SGS	PCB	6/12/12
NPDES Sampling	09B-2Q-3X-CT	6/4/12	Water	Columbia	TSS	6/20/12
NPDES Sampling	64G-2Q3M-1X-CP	6/4/12	Water	SGS	PCB	6/12/12
NPDES Sampling	64G-2Q3M-1X-CT	6/4/12	Water	Columbia	TSS	6/20/12
NPDES Sampling	64G-2Q3M-1X-GO	6/4/12	Water	Columbia	Oil & Grease	6/20/12
NPDES Sampling	64G-2Q3M-1X-GS	6/4/12	Water	Columbia	SVOC	6/12/12
NPDES Sampling	64G-2Q3M-1X-GV	6/4/12	Water	Columbia	VOC	6/12/12
NPDES Sampling	64G-2Q3M-2X-CP	6/11/12	Water	SGS	PCB	6/19/12
NPDES Sampling	64G-2Q3M-2X-CT	6/11/12	Water	Columbia	TSS	6/19/12
NPDES Sampling	64G-2Q3M-2X-GO	6/11/12	Water	Columbia	Oil & Grease	6/19/12
NPDES Sampling	64G-2Q3M-2X-GS	6/11/12	Water	Columbia	SVOC	6/19/12
NPDES Sampling	64G-2Q3M-2X-GV	6/11/12	Water	Columbia	VOC	6/19/12

TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JUNE 2012

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
NPDES Sampling	64G-A10209	6/11/12	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	64G-A10209	6/11/12	Water	Columbia	TOC, Alkalinity, Ammonia, Total Solids	6/19/12
NPDES Sampling	64G-A10209	6/11/12	Water	Columbia	Total Dissolved Solids	6/19/12
NPDES Sampling	64G-A10209TM	6/11/12	Water	Columbia	Total Metals (6)	6/19/12
NPDES Sampling	64G-A10211	6/13/12	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	64G-A10211	6/13/12	Water	Columbia	TOC, Alkalinity, Ammonia, Total Solids	
NPDES Sampling	64G-A10211	6/13/12	Water	Columbia	Total Dissolved Solids	
NPDES Sampling	64G-A10211TM	6/13/12	Water	Columbia	Total Metals (6)	
NPDES Sampling	64G-A10213	6/15/12	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	64G-A10213	6/15/12	Water	Columbia	TOC, Alkalinity, Ammonia, Total Solids	6/27/12
NPDES Sampling	64G-A10213	6/15/12	Water	Columbia	Total Dissolved Solids	6/27/12
NPDES Sampling	64G-A10213TM	6/15/12	Water	Columbia	Total Metals (6)	6/27/12
NPDES Sampling	64TD-2Q2M-2X-CT	5/24/12	Water	Columbia	TSS	6/4/12
NPDES Sampling	64TD-2Q3M-1X-CP	6/12/12	Water	SGS	PCB	6/21/12
NPDES Sampling	64TD-2Q3M-1X-CT	6/12/12	Water	Columbia	TSS	6/21/12
NPDES Sampling	64TD-2Q3M-1X-GO	6/11/12	Water	Columbia	Oil & Grease	6/19/12
NPDES Sampling	64TD-2Q3M-2X-CP	6/19/12	Water	SGS	PCB	6/25/12
NPDES Sampling	64TD-2Q3M-2X-CT	6/19/12	Water	Columbia	TSS	6/27/12
NPDES Sampling	64TD-2Q3M-2X-GO	6/18/12	Water	Columbia	Oil & Grease	6/27/12
NPDES Sampling	A10210R	6/11/12	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	A10210R	6/11/12	Water	Columbia	TOC, Alkalinity, Ammonia, Total Solids	6/19/12
NPDES Sampling	A10210R	6/11/12	Water	Columbia	Total Dissolved Solids	6/19/12
NPDES Sampling	A10210RTM	6/11/12	Water	Columbia	Total Metals (6)	6/19/12
NPDES Sampling	A10212R	6/13/12	Water	Columbia	TOC, Alkalinity, Ammonia, Total Solids	
NPDES Sampling	A10212R	6/13/12	Water	Columbia	Total Dissolved Solids	
NPDES Sampling	A10212RTM	6/13/12	Water	Columbia	Total Metals (6)	
NPDES Sampling	A10214R	6/15/12	Water	Columbia	TOC, Alkalinity, Ammonia, Total Solids	6/27/12
NPDES Sampling	A10214R	6/15/12	Water	Columbia	Total Dissolved Solids	6/27/12
NPDES Sampling	A10214RTM	6/15/12	Water	Columbia	Total Metals (6)	6/27/12

TABLE A-2
DATA RECEIVED DURING JUNE 2012

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

Sample ID: / Parameter Date Collected:	005-2Q3M-1X-CP 06/04/12	005-2Q3M-1X-CT 06/04/12	005-2Q3M-1X-GO 06/04/12	005-2Q3M-2X-CP 06/11/12	005-2Q3M-2X-CT 06/11/12	005-2Q3M-2X-GO 06/11/12
Volatile Organics						
Chlorobenzene	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered						
Aroclor-1248	ND(0.000016)	NA	NA	ND(0.000015)	NA	NA
Aroclor-1254	0.000029	NA	NA	0.000012 J[1]	NA	NA
Aroclor-1260	0.000040	NA	NA	ND(0.000015)	NA	NA
Total PCBs	0.000069	NA	NA	0.000012 J[1]	NA	NA
Semivolatile Organics						
bis(2-Ethylhexyl)phthalate	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered						
Aluminum	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA
Conventional						
Alkalinity	NA	NA	NA	NA	NA	NA
Ammonia Nitrogen	NA	NA	NA	NA	NA	NA
Total Organic Carbon	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	ND(4.0)	NA	NA	ND(4.0)
Total Dissolved Solids	NA	NA	NA	NA	NA	NA
Total Solids	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	ND(1.00)	NA	NA	ND(1.00)	NA

TABLE A-2
DATA RECEIVED DURING JUNE 2012

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

Sample ID: / Parameter Date Collected:	05AD-2Q2M-2X-CT 05/24/12	05BW-2Q-1X-CP 06/02/12	05BW-2Q-1X-CT 06/02/12	05BW-2Q-1X-GO 06/02/12	006D-2Q2M-2X-CT 05/24/12	006D-2Q3M-1X-CP 06/12/12
Volatile Organics						
Chlorobenzene	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered						
Aroclor-1248	NA	ND(0.00016)	NA	NA	NA	ND(0.000015)
Aroclor-1254	NA	0.00092	NA	NA	NA	0.000021
Aroclor-1260	NA	0.0025	NA	NA	NA	0.000040
Total PCBs	NA	0.00342	NA	NA	NA	0.000061
Semivolatile Organics						
bis(2-Ethylhexyl)phthalate	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered						
Aluminum	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA
Conventional						
Alkalinity	NA	NA	NA	NA	NA	NA
Ammonia Nitrogen	NA	NA	NA	NA	NA	NA
Total Organic Carbon	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	ND(4.0)	NA	NA
Total Dissolved Solids	NA	NA	NA	NA	NA	NA
Total Solids	NA	NA	NA	NA	NA	NA
Total Suspended Solids	2.50	NA	36.3	NA	6.50	NA

TABLE A-2
DATA RECEIVED DURING JUNE 2012

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

Sample ID: / Parameter Date Collected:	006D-2Q3M-1X-CT 06/12/12	006D-2Q3M-1X-GO 06/11/12	006D-2Q3M-1X-GS 06/11/12	006D-2Q3M-1X-GV 06/11/12	006D-2Q3M-2X-CP 06/25/12	09B-2Q-3X-CP 06/04/12
Volatile Organics						
Chlorobenzene	NA	NA	NA	ND(0.0010)	NA	NA
PCBs-Unfiltered						
Aroclor-1248	NA	NA	NA	NA	ND(0.000015)	ND(0.000015)
Aroclor-1254	NA	NA	NA	NA	0.000025	ND(0.000015)
Aroclor-1260	NA	NA	NA	NA	0.000051	ND(0.000015)
Total PCBs	NA	NA	NA	NA	0.000076	ND(0.000015)
Semivolatile Organics						
bis(2-Ethylhexyl)phthalate	NA	NA	ND(0.0047)	NA	NA	NA
Inorganics-Unfiltered						
Aluminum	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA
Conventional						
Alkalinity	NA	NA	NA	NA	NA	NA
Ammonia Nitrogen	NA	NA	NA	NA	NA	NA
Total Organic Carbon	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	ND(4.1)	NA	NA	NA	NA
Total Dissolved Solids	NA	NA	NA	NA	NA	NA
Total Solids	NA	NA	NA	NA	NA	NA
Total Suspended Solids	4.00	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING JUNE 2012

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

Sample ID: / Parameter Date Collected:	09B-2Q-3X-CT 06/04/12	009D-2Q2M-2X-CT 05/24/12	009D-2Q3M-1X-CP 06/12/12	009D-2Q3M-1X-CT 06/12/12	009D-2Q3M-1X-GO 06/11/12	009D-2Q3M-2X-CP 06/19/12
Volatile Organics						
Chlorobenzene	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered						
Aroclor-1248	NA	NA	ND(0.000015)	NA	NA	ND(0.000015)
Aroclor-1254	NA	NA	ND(0.000015)	NA	NA	ND(0.000015)
Aroclor-1260	NA	NA	ND(0.000015)	NA	NA	ND(0.000015)
Total PCBs	NA	NA	ND(0.000015)	NA	NA	ND(0.000015)
Semivolatile Organics						
bis(2-Ethylhexyl)phthalate	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered						
Aluminum	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA
Conventional						
Alkalinity	NA	NA	NA	NA	NA	NA
Ammonia Nitrogen	NA	NA	NA	NA	NA	NA
Total Organic Carbon	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	ND(4.2)	NA
Total Dissolved Solids	NA	NA	NA	NA	NA	NA
Total Solids	NA	NA	NA	NA	NA	NA
Total Suspended Solids	4.20	11.2	NA	13.1	NA	NA

TABLE A-2
DATA RECEIVED DURING JUNE 2012

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

Sample ID: / Parameter Date Collected:	009D-2Q3M-2X-CT 06/19/12	009D-2Q3M-2X-GO 06/18/12	64G-2Q3M-1X-CP 06/04/12	64G-2Q3M-1X-CT 06/04/12	64G-2Q3M-1X-GO 06/04/12	64G-2Q3M-1X-GS 06/04/12
Volatile Organics						
Chlorobenzene	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered						
Aroclor-1248	NA	NA	ND(0.000015)	NA	NA	NA
Aroclor-1254	NA	NA	ND(0.000015)	NA	NA	NA
Aroclor-1260	NA	NA	ND(0.000015)	NA	NA	NA
Total PCBs	NA	NA	ND(0.000015)	NA	NA	NA
Semivolatile Organics						
bis(2-Ethylhexyl)phthalate	NA	NA	NA	NA	NA	0.0022 J
Inorganics-Unfiltered						
Aluminum	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA
Conventional						
Alkalinity	NA	NA	NA	NA	NA	NA
Ammonia Nitrogen	NA	NA	NA	NA	NA	NA
Total Organic Carbon	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	ND(4.3)	NA	NA	ND(3.9)	NA
Total Dissolved Solids	NA	NA	NA	NA	NA	NA
Total Solids	NA	NA	NA	NA	NA	NA
Total Suspended Solids	11.2	NA	NA	ND(1.00)	NA	NA

TABLE A-2
DATA RECEIVED DURING JUNE 2012

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

Sample ID: / Parameter Date Collected:	64G-2Q3M-1X-GV 06/04/12	64G-2Q3M-2X-CP 06/11/12	64G-2Q3M-2X-CT 06/11/12	64G-2Q3M-2X-GO 06/11/12	64G-2Q3M-2X-GS 06/11/12	64G-2Q3M-2X-GV 06/11/12	64G-A10209 06/11/12
Volatile Organics							
Chlorobenzene	0.00013 J	NA	NA	NA	NA	ND(0.0010)	NA
PCBs-Unfiltered							
Aroclor-1248	NA	ND(0.000015)	NA	NA	NA	NA	NA
Aroclor-1254	NA	ND(0.000015)	NA	NA	NA	NA	NA
Aroclor-1260	NA	ND(0.000015)	NA	NA	NA	NA	NA
Total PCBs	NA	ND(0.000015)	NA	NA	NA	NA	NA
Semivolatile Organics							
bis(2-Ethylhexyl)phthalate	NA	NA	NA	NA	ND(0.0047)	NA	NA
Inorganics-Unfiltered							
Aluminum	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA
Conventional							
Alkalinity	NA	NA	NA	NA	NA	NA	380
Ammonia Nitrogen	NA	NA	NA	NA	NA	NA	ND(0.0500)
Total Organic Carbon	NA	NA	NA	NA	NA	NA	2.9
Oil & Grease	NA	NA	NA	ND(4.1)	NA	NA	NA
Total Dissolved Solids	NA	NA	NA	NA	NA	NA	691
Total Solids	NA	NA	NA	NA	NA	NA	689
Total Suspended Solids	NA	NA	ND(1.00)	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING JUNE 2012

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

Sample ID: / Parameter Date Collected:	64G-A10209TM 06/11/12	64G-A10213 06/15/12	64G-A10213TM 06/15/12	64TD-2Q2M-2X-CT 05/24/12	64TD-2Q3M-1X-CP 06/12/12	64TD-2Q3M-1X-CT 06/12/12	64TD-2Q3M-1X-GO 06/11/12
Volatile Organics							
Chlorobenzene	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered							
Aroclor-1248	NA	NA	NA	NA	ND(0.000015)	NA	NA
Aroclor-1254	NA	NA	NA	NA	0.000062	NA	NA
Aroclor-1260	NA	NA	NA	NA	0.000085	NA	NA
Total PCBs	NA	NA	NA	NA	0.000147	NA	NA
Semivolatile Organics							
bis(2-Ethylhexyl)phthalate	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered							
Aluminum	0.0200 J	NA	0.0200 J	NA	NA	NA	NA
Cadmium	ND(0.00100)	NA	ND(0.00100)	NA	NA	NA	NA
Copper	0.00170 B	NA	0.00140 B	NA	NA	NA	NA
Lead	0.000100 J	NA	ND(0.00100)	NA	NA	NA	NA
Nickel	0.00360	NA	0.00260	NA	NA	NA	NA
Zinc	0.00150 J	NA	0.00210 J	NA	NA	NA	NA
Conventional							
Alkalinity	NA	380	NA	NA	NA	NA	NA
Ammonia Nitrogen	NA	ND(0.0500)	NA	NA	NA	NA	NA
Total Organic Carbon	NA	5.1	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	NA	NA	ND(4.0)
Total Dissolved Solids	NA	665	NA	NA	NA	NA	NA
Total Solids	NA	685	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	ND(1.00)	NA	1.60	NA

TABLE A-2
DATA RECEIVED DURING JUNE 2012

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

Parameter / Sample ID: / Date Collected:	64TD-2Q3M-2X-CP 06/19/12	64TD-2Q3M-2X-CT 06/19/12	64TD-2Q3M-2X-GO 06/18/12	A10210R 06/11/12	A10210RTM 06/11/12	A10214R 06/15/12	A10214RTM 06/15/12
Volatile Organics							
Chlorobenzene	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered							
Aroclor-1248	0.000022	NA	NA	NA	NA	NA	NA
Aroclor-1254	0.000045	NA	NA	NA	NA	NA	NA
Aroclor-1260	0.000077	NA	NA	NA	NA	NA	NA
Total PCBs	0.000144	NA	NA	NA	NA	NA	NA
Semivolatile Organics							
bis(2-Ethylhexyl)phthalate	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered							
Aluminum	NA	NA	NA	NA	0.0900 J	NA	0.0400 J
Cadmium	NA	NA	NA	NA	0.0000400 J	NA	ND(0.00100)
Copper	NA	NA	NA	NA	0.00100 B	NA	0.000800 BJ
Lead	NA	NA	NA	NA	0.000800 J	NA	0.000200 J
Nickel	NA	NA	NA	NA	0.00110	NA	0.000800 J
Zinc	NA	NA	NA	NA	0.00250 J	NA	0.00150 J
Conventional							
Alkalinity	NA	NA	NA	73.0	NA	67.7	NA
Ammonia Nitrogen	NA	NA	NA	ND(0.0500)	NA	ND(0.0500)	NA
Total Organic Carbon	NA	NA	NA	4.6	NA	2.9	NA
Oil & Grease	NA	NA	ND(4.1)	NA	NA	NA	NA
Total Dissolved Solids	NA	NA	NA	114	NA	101	NA
Total Solids	NA	NA	NA	124	NA	108	NA
Total Suspended Solids	NA	1.20	NA	NA	NA	NA	NA

Notes:

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

Data Qualifiers:

Organics (volatiles, semivolatiles)

J - Indicates an estimated value between the method detection limit (MDL) and method reporting limit (MRL). - Columbia Analytical Services, Inc.
J^1 - Indicates an estimated value less than the practical quantitation limit (PQL). - SGS Environmental Services, Inc.

Inorganics and Conventional

B - Analyte was also detected in the associated method blank.
J - Indicates an estimated value between (MDL) and (MRL).

ARCADIS

Attachment B

NPDES Discharge
Monitoring Reports
May 2012

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	64G-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	05/01/2012	TO	05/31/2012

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	******	******	******	7.30	******	7.60	SU	0	WEEKLY	GRAB
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	0.1428	0.1778	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	******	******	******	0.105	******	0.210	ug/L	0	2/MO	GRAB
78733 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Twice Every Month	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
MICHAEL T CARROLL MGR. PITTSFIELD REMEDIATION PROJ	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations	Michael T Carroll	(413) 448-5902	06/26/2012
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code / NUMBER	MM/DD/YYYY

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

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	05/01/2012	**TO**	05/31/2012

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	0.1560	0.1685	MGD	******	******	******	******	0	CONT'	RCORDR
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PROG.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T Carroll	(413) 448-5702		06/26/2012
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

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

Attachment E - 64G

Date	Weekly Min - pH	Weekly Max - pH	Oil & Grease MG/L	FN	TSS MG/L	FN	PCB UG/L	FN	VOC	FN	SVOC	FN	Metered Flow - MGD	Rain/Precip Total - In	Rain/Precip Peak - In
05/01/12													0.1380	0.24	0.16
05/02/12													0.1623	0.45	0.19
05/03/12													0.1077	0.72	0.46
05/04/12													0.1452	0.12	0.10
05/05/12													0.1631	0.00	0.00
05/06/12	7.40	7.50											0.1342	0.00	0.00
05/07/12			U4.10	1,G	U1.00	1,C	0	C	0	G	0	G	0.1685	0.00	0.00
05/08/12													0.1267	0.48	0.09
05/09/12													0.1778	0.89	0.15
05/10/12													0.1714	0.71	0.31
05/11/12													0.1512	0.02	0.01
05/12/12													0.1320	0.00	0.00
05/13/12	7.30	7.60											0.1111	0.00	0.00
05/14/12			U4.10	1,G	U1.00	1,C	0	C	0.210	G	0	G	0.1434	0.06	0.04
05/15/12													0.1285	0.80	0.10
05/16/12													0.1404	0.28	0.10
05/17/12													0.1090	0.04	0.03
05/18/12													0.1547	0.00	0.00
05/19/12													0.1455	0.00	0.00
05/20/12	7.40	7.60											0.1512	0.00	0.00
05/21/12													0.1318	0.00	0.00
05/22/12													0.1333	0.28	0.20
05/23/12													0.1341	0.04	0.02
05/24/12													0.1417	0.00	0.00
05/25/12													0.1368	0.03	0.03
05/26/12													0.1339	0.00	0.00
05/27/12	7.40	7.60											0.1438	0.00	0.00
05/28/12													0.1196	0.00	0.00
05/29/12													0.1519	0.00	0.00
05/30/12													0.1645	0.37	0.05
05/31/12													0.1720	0.16	0.15

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

May 16, 2012 Service Request No: R1202873

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

Laboratory Results for: GE - Pittsfield NPDES

Dear Mr. Coyle:

Enclosed are the results of the sample(s) submitted to our laboratory on May 8, 2012. For your reference, these analyses have been assigned our service request number **R1202873**.

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 7470. You may also contact me via email at CBeechler@caslab.com.

Respectfully submitted,

Columbia Analytical Services, Inc. dba ALS Environmental

Carlton Beechler
Project Manager

Columbia Analytical Services

ADDRESS 1565 Jefferson Rd, Building 300, Suite 360, Rochester, NY 14623
PHONE 585-288-5380 | FAX 585-288-8475
Columbia Analytical Services, Inc.
Part of the ALS Group A Campbell Brothers Limited Company

www.caslab.com • www.alsglobal.com

COLUMBIA ANALYTICAL SERVICES, INC.

Client:	GE-Pittsfield	**Service Request No.:**	R1202873
Project:	NPDES	**Date Received:**	5/8/12
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

Five water samples were received for analysis at Columbia Analytical Services on 5/8/12. 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

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

The Chlorobenzene detected in the Trip Blank was confirmed by a repeat analysis, which is not reported.

No analytical or quality control problems were encountered during analysis.

Extractable Organics

The Laboratory Control Samples for Benzidine and Hexachloroethane were outside of the control limits low and have been flagged with a "*". Sample data may be biased low for these compounds. There was no sample remaining to re-extract and reanalyze; therefore no further corrective action was possible.

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** 5/16/12

CASE NARRATIVE

This report contains analytical results for the following samples:
Service Request Number: R1202873

Lab ID	Client ID
R1202873-001	64G-2Q2M-1X-GV
R1202873-003	64G-2Q2M-1X-GS
R1202873-004	Trip Blank

Columbia Analytical Services

Now part of the ALS Group

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. Parcells

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:**	R1202873
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/ 7/12 0710
Sample Matrix:	Water	**Date Received:**	5/ 8/12
		Date Analyzed:	5/9/12 17:22
Sample Name:	64G-2Q2M-1X-GV	**Units:**	µg/L
Lab Code:	R1202873-001	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	290878
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\050912\K3407.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	

Client:	General Electric Company	**Service Request:**	R1202873
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/ 7/12 0710
Sample Matrix:	Water	**Date Received:**	5/ 8/12
		Date Analyzed:	5/9/12 17:22
Sample Name:	64G-2Q2M-1X-GV	**Units:**	Percent
Lab Code:	R1202873-001	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	290878
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\050912\K3407.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	89	79-123	5/9/12 17:22	
4-Bromofluorobenzene	84	79-119	5/9/12 17:22	
Toluene-d8	95	83-120	5/9/12 17:22	

COLUMBIA ANALYTICAL SERVICES, INC.
Now part of the ALS Group
Analytical Report

Client:	General Electric Company	**Service Request:**	R1202873
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/7/12
Sample Matrix:	Water	**Date Received:**	5/8/12
		Date Analyzed:	5/9/12 1722

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

Sample Name:	64G-2Q2M-1X-GV	**Units:**	µg/L
Lab Code:	R1202873-001	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

Client:	General Electric Company	**Service Request:**	R1202873
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/ 7/12 0710
Sample Matrix:	Water	**Date Received:**	5/ 8/12
		Date Extracted:	5/8/12
		Date Analyzed:	5/10/12 02:51
Sample Name:	64G-2Q2M-1X-GS	**Units:**	µg/L
Lab Code:	R1202873-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	291061
Prep Method:	EPA 3510C	**Extraction Lot:**	157392
Data File Name:	J:\ACQUDATA\5973A\DATA\050912\CK716.D\	**Instrument Name:**	R-MS-51
		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:**	R1202873
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/ 7/12 0710
Sample Matrix:	Water	**Date Received:**	5/ 8/12
		Date Extracted:	5/8/12
		Date Analyzed:	5/10/12 02:51
Sample Name:	64G-2Q2M-1X-GS	**Units:**	µg/L
Lab Code:	R1202873-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	291061
Prep Method:	EPA 3510C	**Extraction Lot:**	157392
Data File Name:	J:\ACQUDATA\5973A\DATA\050912\CK716.D\	**Instrument Name:**	R-MS-51
		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	78	28-157	5/10/12 02:51	
2-Fluorobiphenyl	77	39-119	5/10/12 02:51	
2-Fluorophenol	43	10-105	5/10/12 02:51	
Nitrobenzene-d5	85	37-117	5/10/12 02:51	
Phenol-d6	28	10-107	5/10/12 02:51	
p-Terphenyl-d14	108	40-133	5/10/12 02:51	

Client:	General Electric Company	**Service Request:**	R1202873
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/ 7/12 0720
Sample Matrix:	Water	**Date Received:**	5/ 8/12
		Date Analyzed:	5/9/12 16:42
Sample Name:	Trip Blank	**Units:**	µg/L
Lab Code:	R1202873-004	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	290878
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\050912\K3406.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	**0.43**	J	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	

Client:	General Electric Company	**Service Request:**	R1202873
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/ 7/12 0720
Sample Matrix:	Water	**Date Received:**	5/ 8/12
		Date Analyzed:	5/9/12 16:42
Sample Name:	Trip Blank	**Units:**	Percent
Lab Code:	R1202873-004	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	290878
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\050912\K3406.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	89	79-123	5/9/12 16:42	
4-Bromofluorobenzene	88	79-119	5/9/12 16:42	
Toluene-d8	97	83-120	5/9/12 16:42	

Client:	General Electric Company	**Service Request:**	R1202873
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/7/12
Sample Matrix:	Water	**Date Received:**	5/8/12
		Date Analyzed:	5/9/12 1642

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:	R1202873-004	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

Client:	General Electric Company	**Service Request:**	R1202873
Project:	GE - Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	5/9/12 16:03
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1204854-04	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	290878
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\050912\K3405.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	

Client:	General Electric Company	**Service Request:**	R1202873
Project:	GE - Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	5/9/12 16:03
Sample Name:	Method Blank	**Units:**	Percent
Lab Code:	RQ1204854-04	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	290878
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\050912\K3405.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	91	79-123	5/9/12 16:03	
4-Bromofluorobenzene	85	79-119	5/9/12 16:03	
Toluene-d8	97	83-120	5/9/12 16:03	

Client:	General Electric Company	**Service Request:**	R1202873
Project:	GE - Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	5/9/12 1603

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:	RQ1204854-04	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

Client:	General Electric Company	**Service Request:**	R1202873
Project:	GE - Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Extracted:	5/8/12
		Date Analyzed:	5/9/12 14:50
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1204741-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	291061
Prep Method:	EPA 3510C	**Extraction Lot:**	157392
Data File Name:	J:\ACQUDATA\5973A\DATA\050912\CK697.D\	**Instrument Name:**	R-MS-51
		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	

Client:	General Electric Company	**Service Request:**	R1202873
Project:	GE - Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Extracted:	5/8/12
		Date Analyzed:	5/9/12 14:50
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1204741-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	291061
Prep Method:	EPA 3510C	**Extraction Lot:**	157392
Data File Name:	J:\ACQUDATA\5973A\DATA\050912\CK697.D\	**Instrument Name:**	R-MS-51
		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	72	28-157	5/9/12 14:50	
2-Fluorobiphenyl	84	39-119	5/9/12 14:50	
2-Fluorophenol	53	10-105	5/9/12 14:50	
Nitrobenzene-d5	95	37-117	5/9/12 14:50	
Phenol-d6	37	10-107	5/9/12 14:50	
p-Terphenyl-d14	122	40-133	5/9/12 14:50	

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

Service Request: R1202873
Date Analyzed: 5/ 9/12

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: 290878

Lab Control Sample
RQ1204854-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	20.8	20.0	104	52 - 162
1,1,2,2-Tetrachloroethane	17.7	20.0	88	46 - 157
1,1,2-Trichloroethane	17.4	20.0	87	52 - 150
1,1-Dichloroethane (1,1-DCA)	21.3	20.0	106	59 - 155
1,1-Dichloroethene (1,1-DCE)	19.0	20.0	95	0 - 234
1,2-Dichlorobenzene	17.2	20.0	86	18 - 190
1,2-Dichloroethane	18.0	20.0	90	49 - 155
1,2-Dichloropropane	19.7	20.0	99	0 - 210
1,3-Dichlorobenzene	16.9	20.0	84	59 - 156
1,4-Dichlorobenzene	16.9	20.0	84	18 - 190
2-Chloroethyl Vinyl Ether	20.2	20.0	101	0 - 305
Acrolein	136	100	136	10 - 174
Acrylonitrile	98.4	100	98	61 - 141
Benzene	17.7	20.0	89	37 - 151
Bromodichloromethane	19.4	20.0	97	35 - 155
Bromoform	17.1	20.0	85	45 - 169
Bromomethane	19.5	20.0	97	0 - 242
Carbon Tetrachloride	18.9	20.0	95	70 - 140
Chlorobenzene	18.4	20.0	92	37 - 160
Chloroethane	19.4	20.0	97	14 - 230
Chloroform	19.9	20.0	100	51 - 138
Chloromethane	20.7	20.0	104	0 - 273
Chlorodibromomethane	19.0	20.0	95	53 - 149
Dichlorodifluoromethane (CFC 12)	18.3	20.0	92	47 - 148
Methylene Chloride	18.6	20.0	93	0 - 221
Ethylbenzene	18.3	20.0	91	37 - 162
Tetrachloroethene (PCE)	17.7	20.0	88	64 - 148
Toluene	17.6	20.0	88	47 - 150
Trichloroethene (TCE)	17.2	20.0	86	71 - 157
Trichlorofluoromethane (CFC 11)	19.9	20.0	100	17 - 181
Vinyl Chloride	18.5	20.0	93	0 - 251
cis-1,3-Dichloropropene	16.8	20.0	84	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.

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

Service Request: R1202873
Date Analyzed: 5/ 9/12

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: 290878

Analyte Name	Lab Control Sample RQ1204854-03 Result	Spike Amount	% Rec	% Rec Limits
trans-1,2-Dichloroethene	18.0	20.0	90	54 - 156
trans-1,3-Dichloropropene	17.8	20.0	89	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.
Now part of the ALS Group
QA/QC Report

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

Service Request: R1202873
Date Analyzed: 5/ 9/12

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 157392

Analyte Name	Lab Control Sample RQ1204741-02 Result	Spike Amount	% Rec	Duplicate Lab Control Sample RQ1204741-03 Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	40.2	100	40	48.3	100	48	29 - 85	18	30
1,2-Diphenylhydrazine	84.5	100	85	87.9	100	88	64 - 114	4	30
2,4,6-Trichlorophenol	88.9	100	89	95.9	100	96	37 - 144	8	30
2,4-Dichlorophenol	85.3	100	85	91.3	100	91	39 - 135	7	30
2,4-Dimethylphenol	79.1	100	79	81.6	100	82	32 - 119	3	30
2,4-Dinitrophenol	100	100	100	112	100	112	0 - 191	11	30
2,4-Dinitrotoluene	96.0	100	96	108	100	108	39 - 139	12	30
2,6-Dinitrotoluene	95.6	100	96	104	100	104	50 - 158	8	30
2-Chloronaphthalene	70.6	100	71	74.5	100	75	60 - 118	5	30
2-Chlorophenol	77.0	100	77	81.2	100	81	23 - 134	5	30
2-Nitrophenol	96.4	100	96	105	100	105	29 - 182	9	30
3,3'-Dichlorobenzidine	80.1	100	80	84.9	100	85	0 - 262	6	30
4,6-Dinitro-o-cresol	102	100	102	108	100	108	0 - 181	7	30
4-Bromophenyl Phenyl Ether	87.3	100	87	92.6	100	93	53 - 127	6	30
4-Chloro-m-cresol	90.1	100	90	95.9	100	96	22 - 147	6	30
4-Chlorophenyl Phenyl Ether	84.7	100	85	91.4	100	91	25 - 158	8	30
4-Nitrophenol	44.6	100	45	49.1	100	49	0 - 132	10	30
Acenaphthene	84.7	100	85	88.8	100	89	47 - 145	5	30
Acenaphthylene	83.0	100	83	89.2	100	89	33 - 145	7	30
Anthracene	93.5	100	93	97.6	100	98	27 - 133	4	30
Benz(a)anthracene	92.5	100	93	98.8	100	99	33 - 143	7	30
Benzidine	100 U	100	0 *	100 U	100	0 *	10 - 78	91 *	30
Benzo(a)pyrene	86.4	100	86	91.8	100	92	17 - 163	6	30
3,4-Benzofluoranthene	95.0	100	95	97.4	100	97	24 - 159	3	30
Benzo(g,h,i)perylene	94.2	100	94	100	100	100	0 - 219	6	30
Benzo(k)fluoranthene	92.3	100	92	95.4	100	95	11 - 162	3	30
Bis(1-chloroisopropyl) Ether	74.1	100	74	81.6	100	82	36 - 166	10	30
Bis(2-chloroethoxy)methane	83.6	100	84	89.2	100	89	33 - 184	6	30
Bis(2-chloroethyl) Ether	75.3	100	75	81.6	100	82	12 - 158	8	30
Bis(2-ethylhexyl) Phthalate	96.1	100	96	102	100	102	8 - 158	6	30
Butyl Benzyl Phthalate	89.0	100	89	94.1	100	94	0 - 152	6	30
Chrysene	92.7	100	93	97.7	100	98	17 - 168	5	30

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

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

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

Service Request: R1202873
Date Analyzed: 5/ 9/12

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 157392

Analyte Name	Lab Control Sample RQ1204741-02 Result	Spike Amount	% Rec		Duplicate Lab Control Sample RQ1204741-03 Result	Spike Amount	% Rec		% Rec Limits	RPD	RPD Limit
Di-n-butyl Phthalate	92.8	100	93		98.0	100	98		1 - 118	5	30
Di-n-octyl Phthalate	97.3	100	97		100	100	100		4 - 146	3	30
Dibenz(a,h)anthracene	94.4	100	94		101	100	101		0 - 227	7	30
Diethyl Phthalate	90.4	100	90		96.2	100	96		0 - 114	6	30
Dimethyl Phthalate	87.4	100	87		94.9	100	95		0 - 112	8	30
Fluoranthene	94.4	100	94		101	100	101		26 - 137	7	30
Fluorene	90.5	100	90		96.5	100	96		59 - 121	6	30
Hexachlorobenzene	86.8	100	87		93.0	100	93		0 - 152	7	30
Hexachlorobutadiene	32.5	100	32		43.1	100	43		24 - 116	28	30
Hexachlorocyclopentadiene	54.0	100	54		58.0	100	58		10 - 79	7	30
Hexachloroethane	31.1	100	31	*	38.6	100	39	*	40 - 113	22	30
Indeno(1,2,3-cd)pyrene	90.6	100	91		98.0	100	98		0 - 171	8	30
Isophorone	84.0	100	84		88.9	100	89		21 - 196	6	30
N-Nitrosodi-n-propylamine	82.6	100	83		86.5	100	87		0 - 230	5	30
N-Nitrosodimethylamine	53.9	100	54		58.3	100	58		34 - 130	8	30
N-Nitrosodiphenylamine	90.6	100	91		95.9	100	96		50 - 117	6	30
Naphthalene	53.0	100	53		60.7	100	61		21 - 133	14	30
Nitrobenzene	84.4	100	84		90.2	100	90		35 - 180	7	30
Pentachlorophenol (PCP)	95.1	100	95		101	100	101		14 - 176	6	30
Phenanthrene	95.5	100	95		100	100	100		54 - 120	5	30
Phenol	37.2	100	37		38.8	100	39		5 - 112	4	30
Pyrene	94.1	100	94		98.3	100	98		52 - 115	4	30

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

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

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

1565 Jefferson Rd., Bldg. 300, Suite 360, Rochester, NY 14623 | 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	E-mail: 413-494-7052
Sampler's Signature:	Sampler's Printed Name: Dave Moro

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

PRESERVATIVE: 0 0 1

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

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	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608	PCB's ☐ 8082 ☐ 608	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	VOC EPA 624	REMARKS/ ALTERNATE DESCRIPTION
(1)64G-2Q2M-1X-GV		5/7/12	7:10 Am	H_2O	3	X								
(2)64G-2Q2M-1X-GV		5/7/12	7:18 Am	H_2O	3								X	
(3)64G-2Q2M-1X-GS		5/7/12	7:10 Am	H_2O	1		X							
(1)Trip Blank		5/7/12	7:20 Am	H_2O	3	X								
(2)Trip Blank		5/7/12	7:20 Am	H_2O	3								X	

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)

____ 1 day ____ 2 day ____ 3 day

____ 4 day __X__ 5 day

____ Standard

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

Edata ____ Yes ____ N

INVOICE INFORMATION

PO #:

BILL TO:

R1202873 5

Veolia Water North America
GE - Pittsfield NPDES

STATE WHERE SAMPLES WERE COLLECTED:

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	
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: APS	Firm	Firm	Firm	Firm
Date/Time: 5/7/12 2?? pm	Date/Time: 5/8/12 0955	Date/Time	Date/Time	Date/Time	Date/Time

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

SCOC Rev 7/2011

Cooler Receipt and Preservation Check Form

Project/Client GE-Pittsfield Folder Number 1202822

Cooler received on 5/8/12 by: AWH **COURIER:** ALS 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?	(ALS/ROC,)	CLIENT			
7.	Temperature of cooler(s) upon receipt:	5.7°	3.8°			
	Is the temperature within 0° - 6° C?:	(Yes)	Yes	Yes	Yes	Yes
	If No, Explain Below	No	No	No	No	No

Date/Time Temperatures Taken: 5/8/12 1032

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:

All Samples held in storage location R-002 by AWH on 5/8/12 at 1033

5035 samples placed in storage location _____ by _____ on _____ at _____

PC Secondary Review: C 5/8/12

Cooler Breakdown: Date: 5/8/12 Time: 1154 by: AWH

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								
<4	$NaHSO_4$								
Residual Chlorine (-)	For TCN Phenol and 522			If present, contact PM to add ascorbic acid Or sodium sulfite (522)					
	$Na_2S_2O_3$	-	-						
	Zn Aceta	-	-						
	HCl	*	*	411060	3/13				

*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: I-315-002, I-286-002, 110711-155

Other Comments:

PC Secondary Review: C 5/14/12

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

May 24, 2012

Service Request No: R1203076

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

Laboratory Results for: GE - Pittsfield NPDES

Dear Mr. Coyle:

Enclosed are the results of the sample(s) submitted to our laboratory on May 15, 2012. For your reference, these analyses have been assigned our service request number **R1203076**.

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 7470. You may also contact me via email at CBeechler@caslab.com.

Respectfully submitted,

Columbia Analytical Services, Inc. dba ALS Environmental

Carlton Beechler
Project Manager

Columbia Analytical Services

ADDRESS 1565 Jefferson Rd, Building 300, Suite 360, Rochester, NY 14623
PHONE 585-288-5380 | FAX 585-288-8475
Columbia Analytical Services, Inc.
Part of the ALS Group A Campbell Brothers Limited Company

www.caslab.com • www.alsglobal.com

CASE NARRATIVE

This report contains analytical results for the following samples:
Service Request Number: R1203076

Lab ID	Client ID
R1203076-001	64G-2Q2M-2X-GV
R1203076-003	64G-2Q2M-2X-GS
R1203076-004	Trip Blank

All samples were received in good condition unless otherwise noted on the cooler receipt and preservation check form located at the end of this report.

All samples were preserved in accordance with approved analytical methods.

All samples have been analyzed by the approved methods cited on the analytical results pages.

All holding times and associated QC were within limits.

No analytical or QC problems were encountered.

All sampling activities performed by CAS personnel have been in accordance with "CAS Field Procedures and Measurements Manual" or by client specifications.

Columbia Analytical Services™

Now part of the ALS Group

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. Parcells

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:**	R1203076
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/14/12 0715
Sample Matrix:	Water	**Date Received:**	5/15/12
		Date Analyzed:	5/16/12 15:54
Sample Name:	64G-2Q2M-2X-GV	**Units:**	µg/L
Lab Code:	R1203076-001	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	291897
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\051612\K3523.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	**0.21**	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	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:**	R1203076
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/14/12 0715
Sample Matrix:	Water	**Date Received:**	5/15/12
		Date Analyzed:	5/16/12 15:54
Sample Name:	64G-2Q2M-2X-GV	**Units:**	Percent
Lab Code:	R1203076-001	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	291897
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\051612\K3523.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	91	79-123	5/16/12 15:54	
4-Bromofluorobenzene	85	79-119	5/16/12 15:54	
Toluene-d8	97	83-120	5/16/12 15:54	

Client:	General Electric Company	**Service Request:**	R1203076
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/14/12
Sample Matrix:	Water	**Date Received:**	5/15/12
		Date Analyzed:	5/16/12 1554

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

Sample Name:	64G-2Q2M-2X-GV	**Units:**	µg/L
Lab Code:	R1203076-001	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

Client:	General Electric Company	**Service Request:**	R1203076
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/14/12 0715
Sample Matrix:	Water	**Date Received:**	5/15/12
		Date Extracted:	5/17/12
		Date Analyzed:	5/21/12 13:47
Sample Name:	64G-2Q2M-2X-GS	**Units:**	µg/L
Lab Code:	R1203076-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	292698
Prep Method:	EPA 3510C	**Extraction Lot:**	158239
Data File Name:	J:\ACQUDATA\5973D\DATA\052112\AJ834.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	

Client:	General Electric Company	**Service Request:**	R1203076
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/14/12 0715
Sample Matrix:	Water	**Date Received:**	5/15/12
		Date Extracted:	5/17/12
		Date Analyzed:	5/21/12 13:47
Sample Name:	64G-2Q2M-2X-GS	**Units:**	µg/L
Lab Code:	R1203076-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	292698
Prep Method:	EPA 3510C	**Extraction Lot:**	158239
Data File Name:	J:\ACQUDATA\5973D\DATA\052112\AJ834.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	100	40-133	5/21/12 13:47	
Nitrobenzene-d5	91	37-117	5/21/12 13:47	
Phenol-d6	31	10-107	5/21/12 13:47	
2-Fluorobiphenyl	82	39-119	5/21/12 13:47	
2-Fluorophenol	46	10-105	5/21/12 13:47	
2,4,6-Tribromophenol	120	28-157	5/21/12 13:47	

Client:	General Electric Company	**Service Request:**	R1203076
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/14/12 0725
Sample Matrix:	Water	**Date Received:**	5/15/12
		Date Analyzed:	5/16/12 15:15
Sample Name:	Trip Blank	**Units:**	µg/L
Lab Code:	R1203076-004	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	291897
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\051612\K3522.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	**0.48**	J	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	

Client:	General Electric Company	**Service Request:**	R1203076
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/14/12 0725
Sample Matrix:	Water	**Date Received:**	5/15/12
		Date Analyzed:	5/16/12 15:15
Sample Name:	Trip Blank	**Units:**	Percent
Lab Code:	R1203076-004	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	291897
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\051612\K3522.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	95	79-123	5/16/12 15:15	
4-Bromofluorobenzene	84	79-119	5/16/12 15:15	
Toluene-d8	96	83-120	5/16/12 15:15	

COLUMBIA ANALYTICAL SERVICES, INC.
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Analytical Report

Client:	General Electric Company	**Service Request:**	R1203076
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/14/12
Sample Matrix:	Water	**Date Received:**	5/15/12
		Date Analyzed:	5/16/12 1515

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:	R1203076-004	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

Client:	General Electric Company	**Service Request:**	R1203076
Project:	GE - Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	5/16/12 14:24
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1205244-04	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	291897
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\051612\K3521.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	

Client:	General Electric Company	**Service Request:**	R1203076
Project:	GE - Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	5/16/12 14:24
Sample Name:	Method Blank	**Units:**	Percent
Lab Code:	RQ1205244-04	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	291897
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\051612\K3521.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	90	79-123	5/16/12 14:24	
4-Bromofluorobenzene	83	79-119	5/16/12 14:24	
Toluene-d8	96	83-120	5/16/12 14:24	

Client:	General Electric Company	**Service Request:**	R1203076
Project:	GE - Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	5/16/12 1424

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:	RQ1205244-04	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

Client:	General Electric Company	**Service Request:**	R1203076
Project:	GE - Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Extracted:	5/17/12
		Date Analyzed:	5/21/12 11:58
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1205278-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	292698
Prep Method:	EPA 3510C	**Extraction Lot:**	158239
Data File Name:	J:\ACQUDATA\5973D\DATA\052112\AJ831.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	

Client:	General Electric Company	**Service Request:**	R1203076
Project:	GE - Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Extracted:	5/17/12
		Date Analyzed:	5/21/12 11:58
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1205278-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	292698
Prep Method:	EPA 3510C	**Extraction Lot:**	158239
Data File Name:	J:\ACQUDATA\5973D\DATA\052112\AJ831.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	89	40-133	5/21/12 11:58	
Nitrobenzene-d5	94	37-117	5/21/12 11:58	
Phenol-d6	32	10-107	5/21/12 11:58	
2-Fluorobiphenyl	79	39-119	5/21/12 11:58	
2-Fluorophenol	49	10-105	5/21/12 11:58	
2,4,6-Tribromophenol	107	28-157	5/21/12 11:58	

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

Service Request: R1203076
Date Analyzed: 5/16/12

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: 291897

Lab Control Sample
RQ1205244-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	20.6	20.0	103	52 - 162
1,1,2,2-Tetrachloroethane	17.1	20.0	85	46 - 157
1,1,2-Trichloroethane	17.2	20.0	86	52 - 150
1,1-Dichloroethane (1,1-DCA)	21.7	20.0	108	59 - 155
1,1-Dichloroethene (1,1-DCE)	21.5	20.0	107	0 - 234
1,2-Dichlorobenzene	17.6	20.0	88	18 - 190
1,2-Dichloroethane	18.5	20.0	92	49 - 155
1,2-Dichloropropane	19.9	20.0	99	0 - 210
1,3-Dichlorobenzene	18.4	20.0	92	59 - 156
1,4-Dichlorobenzene	17.5	20.0	88	18 - 190
2-Chloroethyl Vinyl Ether	20.4	20.0	102	0 - 305
Acrolein	130	100	130	10 - 174
Acrylonitrile	95.2	100	95	61 - 141
Benzene	19.4	20.0	97	37 - 151
Bromodichloromethane	18.9	20.0	94	35 - 155
Bromoform	16.1	20.0	81	45 - 169
Bromomethane	22.8	20.0	114	0 - 242
Carbon Tetrachloride	20.5	20.0	103	70 - 140
Chlorobenzene	19.9	20.0	99	37 - 160
Chloroethane	22.2	20.0	111	14 - 230
Chloroform	19.9	20.0	100	51 - 138
Chloromethane	24.9	20.0	124	0 - 273
Chlorodibromomethane	18.2	20.0	91	53 - 149
Dichlorodifluoromethane (CFC 12)	19.8	20.0	99	47 - 148
Methylene Chloride	19.5	20.0	98	0 - 221
Ethylbenzene	19.5	20.0	97	37 - 162
Tetrachloroethene (PCE)	19.8	20.0	99	64 - 148
Toluene	19.1	20.0	95	47 - 150
Trichloroethene (TCE)	18.6	20.0	93	71 - 157
Trichlorofluoromethane (CFC 11)	21.0	20.0	105	17 - 181
Vinyl Chloride	22.7	20.0	114	0 - 251
cis-1,3-Dichloropropene	17.1	20.0	86	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.

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

Service Request: R1203076
Date Analyzed: 5/16/12

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: 291897

Lab Control Sample
RQ1205244-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
trans-1,2-Dichloroethene	20.9	20.0	104	54 - 156
trans-1,3-Dichloropropene	17.2	20.0	86	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.

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QA/QC Report

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

Service Request: R1203076
Date Analyzed: 5/21/12

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 158239

	Lab Control Sample RQ1205278-02				Duplicate Lab Control Sample RQ1205278-03					
Analyte Name	**Result**	**Spike Amount**	**% Rec**		**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Acenaphthene	93.3	100	93		96.8	100	97	47 - 145	4	30
Acenaphthylene	95.2	100	95		98.9	100	99	33 - 145	4	30
Anthracene	97.1	100	97		101	100	101	27 - 133	4	30
Benzidine	101	100	101	*	58.8	100	59	10 - 78	53	* 30
Benz(a)anthracene	98.3	100	98		102	100	102	33 - 143	4	30
Benzo(a)pyrene	92.4	100	92		97.7	100	98	17 - 163	6	30
Benzo(b)fluoranthene	105	100	105		111	100	111	24 - 159	5	30
Benzo(g,h,i)perylene	98.5	100	99		106	100	106	0 - 219	8	30
Benzo(k)fluoranthene	99.3	100	99		104	100	104	11 - 162	5	30
Butyl Benzyl Phthalate	94.6	100	95		98.9	100	99	0 - 152	4	30
Di-n-butyl Phthalate	95.8	100	96		101	100	101	1 - 118	5	30
Indeno(1,2,3-cd)pyrene	96.1	100	96		104	100	104	0 - 171	8	30
Bis(2-chloroethoxy)methane	111	100	111		116	100	116	33 - 184	5	30
Bis(2-chloroethyl) Ether	79.7	100	80		86.8	100	87	12 - 158	9	30
2-Chloronaphthalene	80.8	100	81		83.2	100	83	60 - 118	3	30
2-Chlorophenol	79.4	100	79		84.6	100	85	23 - 134	6	30
2,2'-Oxybis(1-chloropropane)	87.3	100	87		89.8	100	90	36 - 166	3	30
Chrysene	97.9	100	98		102	100	102	17 - 168	5	30
Dibenz(a,h)anthracene	99.9	100	100		108	100	108	0 - 227	8	30
3,3'-Dichlorobenzidine	88.8	100	89		92.1	100	92	0 - 262	4	30
2,4-Dichlorophenol	88.6	100	89		94.4	100	94	39 - 135	6	30
Diethyl Phthalate	94.9	100	95		99.0	100	99	0 - 114	4	30
Dimethyl Phthalate	94.3	100	94		98.3	100	98	0 - 112	4	30
2,4-Dimethylphenol	89.4	100	89		93.9	100	94	32 - 119	5	30
2,4-Dinitrophenol	123	100	123		132	100	132	0 - 191	7	30
2,4-Dinitrotoluene	112	100	112		119	100	119	39 - 139	6	30
2,6-Dinitrotoluene	107	100	107		113	100	113	50 - 158	5	30
1,2-Diphenylhydrazine	89.7	100	90		93.7	100	94	64 - 114	4	30
Bis(2-ethylhexyl) Phthalate	99.3	100	99		103	100	103	8 - 158	3	30
Fluoranthene	100	100	100		106	100	106	26 - 137	5	30
Fluorene	96.9	100	97		101	100	101	59 - 121	4	30
Hexachlorobenzene	95.5	100	96		99.6	100	100	0 - 152	4	30

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

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

COLUMBIA ANALYTICAL SERVICES, INC.
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QA/QC Report

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

Service Request: R1203076
Date Analyzed: 5/21/12

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 158239

Analyte Name	Lab Control Sample RQ1205278-02 Result	Spike Amount	% Rec	Duplicate Lab Control Sample RQ1205278-03 Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
Hexachlorobutadiene	59.1	100	59	55.9	100	56	24 - 116	5	30
Hexachlorocyclopentadiene	69.8	100	70	68.9	100	69	10 - 79	1	30
Hexachloroethane	52.6	100	53	50.7	100	51	40 - 113	4	30
Isophorone	87.0	100	87	91.1	100	91	21 - 196	5	30
4,6-Dinitro-2-methylphenol	135	100	135	145	100	145	0 - 181	8	30
4-Chloro-3-methylphenol	92.3	100	92	95.9	100	96	22 - 147	4	30
Naphthalene	73.6	100	74	74.3	100	74	21 - 133	1	30
Nitrobenzene	91.5	100	92	96.9	100	97	35 - 180	6	30
2-Nitrophenol	97.2	100	97	103	100	103	29 - 182	5	30
4-Nitrophenol	46.9	100	47	49.6	100	50	0 - 132	6	30
N-Nitrosodimethylamine	51.4	100	51	55.0	100	55	34 - 130	7	30
N-Nitrosodiphenylamine	94.6	100	95	99.0	100	99	50 - 117	5	30
Di-n-octyl Phthalate	102	100	102	109	100	109	4 - 146	6	30
Pentachlorophenol (PCP)	90.1	100	90	96.9	100	97	14 - 176	7	30
Phenanthrene	99.3	100	99	104	100	104	54 - 120	5	30
Phenol	37.7	100	38	39.3	100	39	5 - 112	4	30
4-Bromophenyl Phenyl Ether	93.6	100	94	97.3	100	97	53 - 127	4	30
4-Chlorophenyl Phenyl Ether	93.3	100	93	98.0	100	98	25 - 158	5	30
N-Nitrosodi-n-propylamine	85.4	100	85	88.4	100	88	0 - 230	3	30
Pyrene	98.8	100	99	103	100	103	52 - 115	4	30
1,2,4-Trichlorobenzene	60.4	100	60	60.8	100	61	29 - 85	<1	30
2,4,6-Trichlorophenol	97.3	100	97	101	100	101	37 - 144	4	30

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

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

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

1565 Jefferson Rd., Bldg. 300, Suite 360, Rochester, NY 14623 | 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	E-mail: 413-494-7052
Sampler's Signature:	Sampler's Printed Name: Dave Moro

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	GC VOA's ☐8021 ☐601/602	PESTICIDES ☐8081 ☐608	PCB's ☐8082 ☐608	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	EPA 624 VOC	REMARKS, ALTERNATE DESCRIPTION
(1)64G-2Q2M-2X-GV		5/14/12	715 Am	H_2O	3	X								
(2)64G-2Q2M-2X-GV		5/14/12	715 Am	H_2O	3								X	
(3)64G-2Q2M-2X-GS		5/14/12	715 Am	H_2O	1		X							
(1)Trip Blank		5/14/12	723 Am	H_2O	3	X								
(2)Trip Blank		5/14/12	723 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)
____1 day ____2 day ____3 day
____4 day X 5 day
_____ Standard

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

Edata ____ Yes ____ No

INVOICE INFORMATION
PO #:
BILL TO:

R1203076 5
Veolia Water North America
GE - Pittsfield NPDES

STATE WHERE SAMPLES WERE COLLECTED:

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	
Signature	Signature	Signature	Signature	Signature	Signature
Printed Name: Dave Moro	Printed Name: Gregory O. Esmerian	Printed Name	Printed Name	Printed Name	Printed Name
Firm: VWNA	Firm: ALS	Firm	Firm	Firm	Firm
Date/Time: 5/14/12 2pm	Date/Time: 5/15/12 10:00	Date/Time	Date/Time	Date/Time	Date/Time

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

Cooler Receipt and Preservation Check Form

Project/Client GE-Pittsfield Folder Number R1203076

Cooler received on 5-15-12 by: AE COURIER: ALS 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?	4,5°	4,4°	(ALS/ROC)	CLIENT	
7.	Temperature of cooler(s) upon receipt:					
	Is the temperature within 0° - 6° C?:	(Yes)	(Yes)	Yes	Yes	Yes
	If No, Explain Below	No	No	No	No	No

Date/Time Temperatures Taken: 5-15-12 @ 10:10 AE 5-15-12

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:

All Samples held in storage location R-002 by AE on 5-15-12 at 10:15

5035 samples placed in storage location _____ by _____ on _____ at _____

PC Secondary Review: CS 5/17/12

Cooler Breakdown: Date: 5/15/12 Time: 1211 by: DW

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								
<4	$NaHSO_4$								
Residual Chlorine (-)	For TCN Phenol and 522			If present, contact PM to add ascorbic acid Or sodium sulfite (522)					
	$Na_2S_2O_3$	-	-						
	Zn Aceta	-	-						
	HCl	*	*	411060	3/13				

*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: 020612-1F, 1-315-002

Other Comments:

PC Secondary Review: CS 5/18/12

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

H:\SMODOCS\Cooler Receipt 5.doc

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	D64T-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	05/01/2012	TO	05/31/2012

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	******	******	******	7.31	******	7.51	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	0.06	0.13	lbs/d	0.55	******	1.10	mg/L	0	2/MO	24HRCP
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	0.00002	0.00002	lbs/d	0.1644	******	0.1704	ug/L	0	2/MO	24HRCP
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	0.0022	0.0050	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	0.0127	0.0137	MGD	******	******	******	******	0	2/MO	ESTIMA
82220 IM 0 Internal Monitoring Point	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Weekly	ESTIMA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION 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)442-5902		06/20/2012
TYPED OR PRINTED			AREA Code	NUMBER	MM/DD/YYYY

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

FLOW TOTAL SEE FOOTNOTE 4.

Attachment E - Outfall 64T

Date	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
05/01/12										0.24	0.16
05/02/12										0.45	0.19
05/03/12										0.72	0.46
05/04/12										0.12	0.10
05/05/12										0.00	0.00
05/06/12								0.0029		0.00	0.00
05/07/12	7.31			U4.00	1,G					0.00	0.00
05/08/12										0.48	0.09
05/09/12										0.89	0.15
05/10/12										0.71	0.31
05/11/12										0.02	0.01
05/12/12										0.00	0.00
05/13/12								0.0050		0.00	0.00
05/14/12		1.10	C			0.1704	C		0.0137	0.06	0.04
05/15/12										0.80	0.10
05/16/12										0.28	0.10
05/17/12										0.04	0.03
05/18/12										0.00	0.00
05/19/12										0.00	0.00
05/20/12								0.0004		0.00	0.00
05/21/12	7.51			U4.00	1,G					0.00	0.00
05/22/12										0.28	0.20
05/23/12										0.04	0.02
05/24/12		U1.00	1,C			0.1584	C		0.0116	0.00	0.00
05/25/12										0.03	0.03
05/26/12										0.00	0.00
05/27/12								0.0006		0.00	0.00
05/28/12										0.00	0.00
05/29/12										0.00	0.00
05/30/12										0.37	0.05
05/31/12										0.16	0.15

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	05/01/2012	**TO**	05/31/2012

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	******	******	******	7.34	******	7.86	SU	0	2/MO	GRAB
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	9 MAXIMUM	SU		Twice Per Month	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	0	0	lbs/d	0	******	0	mg/L	0	2/MO	comp24
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	188 MO AVG	270 DAILY MX	lb/d	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Twice Per Month	COMP24
Oil & Grease	SAMPLE MEASUREMENT	******	0	lbs/d	******	******	0	mg/L	0	2/mo	GRAB
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	******	135 DAILY MX	lb/d	******	******	15 DAILY MX	mg/L		Twice Per Month	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	0	0	lbs/d	0	******	0	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	0.03	0.06	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	0.2115	0.3628	MGD	******	******	******	******	0	CONT	RCORD
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RECORD
Flow, total	SAMPLE MEASUREMENT	0.1862	0.1994	MGD	******	******	******	******	0	CONT	RCORD
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) 448-5902		06/21/2012
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
05/01/12								0.1594	NO	0.24	0.16
05/02/12								0.2538	NO	0.45	0.19
05/03/12								0.1991	NO	0.72	0.46
05/04/12								0.1982	NO	0.12	0.10
05/05/12								0.1974	NO	0.00	0.00
05/06/12								0.1513	NO	0.00	0.00
05/07/12	7.34	U1.00	1,C	U4.00	1,G	0	C	0.1731	NO	0.00	0.00
05/08/12								0.2072	NO	0.48	0.09
05/09/12								0.3578	NO	0.89	0.15
05/10/12								0.3184	NO	0.71	0.31
05/11/12								0.2303	NO	0.02	0.01
05/12/12								0.2184	NO	0.00	0.00
05/13/12								0.1710	NO	0.00	0.00
05/14/12	7.86	U1.00	1,C	U4.10	1,G	0.00666	C	0.1994	NO	0.06	0.04
05/15/12								0.3628	NO	0.80	0.10
05/16/12								0.3135	NO	0.28	0.10
05/17/12								0.1695	NO	0.04	0.03
05/18/12								0.2117	NO	0.00	0.00
05/19/12								0.2021	NO	0.00	0.00
05/20/12								0.1988	NO	0.00	0.00
05/21/12								0.1740	NO	0.00	0.00
05/22/12								0.1976	NO	0.28	0.20
05/23/12								0.1944	NO	0.04	0.02
05/24/12								0.1812	NO	0.00	0.00
05/25/12								0.1813	NO	0.03	0.03
05/26/12								0.1606	NO	0.00	0.00
05/27/12								0.1648	NO	0.00	0.00
05/28/12								0.1385	NO	0.00	0.00
05/29/12								0.1774	NO	0.00	0.00
05/30/12								0.2673	NO	0.37	0.05
05/31/12								0.2250	NO	0.16	0.15

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	W005-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	05/01/2012	TO	05/31/2012

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	0.24	0.24	IN	******	******	******	******	0	CONT	RCORDR
46529 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	******	******	******	******		Continuous	RCORDR
Flow, total	SAMPLE MEASUREMENT	0.1594	0.1594	MGD	******	******	******	******	0	CONT	RCORDR
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T CARROLL MGR. PITTSFIELD REMEDIATION PROG.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T Carroll	(413) 448-5902		06/20/2012
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	05/01/2012	TO	05/31/2012

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	******	******	******	7.28	******	7.77	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	0.002	0.003	lbs/d	1.25	******	2.50	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	0	0	lbs/d	******	******	0	mg/L	0	2/MO	GRAB
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	******	15 DAILY MX	mg/L		Twice Per Month	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	0.0000007	0.0000008	lbs/d	0.2887	******	0.4450	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, total	SAMPLE MEASUREMENT	0.0004	0.0007	MGD	******	******	******	******	0	2/MO	ESTIMA
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	MGD	******	******	******	******		Weekly	ESTIMA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR. ENVIRONMENTAL COMPLIANCE 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) 448-5902 AREA Code / NUMBER		06/20/2012 MM/DD/YYYY
TYPED OR PRINTED					

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

TOTAL FLOW SEE FOOTNOTE 4.

Attachment E - Outfall 05A Dry

Date	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
05/01/12									0.24	0.16	NO
05/02/12									0.45	0.19	NO
05/03/12									0.72	0.46	NO
05/04/12									0.12	0.10	NO
05/05/12									0.00	0.00	NO
05/06/12									0.00	0.00	NO
05/07/12									0.00	0.00	NO
05/08/12									0.48	0.09	NO
05/09/12									0.89	0.15	NO
05/10/12									0.71	0.31	YES
05/11/12									0.02	0.01	YES
05/12/12									0.00	0.00	YES
05/13/12	7.28			U4.20	1,G				0.00	0.00	NO
05/14/12		U1.00	1,C			0.1324	C	0.0007	0.06	0.04	NO
05/15/12									0.80	0.10	YES
05/16/12									0.28	0.10	YES
05/17/12									0.04	0.03	YES
05/18/12									0.00	0.00	YES
05/19/12									0.00	0.00	YES
05/20/12									0.00	0.00	NO
05/21/12	7.77			U4.30	1,G				0.00	0.00	NO
05/22/12									0.28	0.20	NO
05/23/12									0.04	0.02	NO
05/24/12		2.50	C			0.4450	C	0.0001	0.00	0.00	NO
05/25/12									0.03	0.03	NO
05/26/12									0.00	0.00	NO
05/27/12									0.00	0.00	NO
05/28/12									0.00	0.00	NO
05/29/12									0.00	0.00	NO
05/30/12									0.37	0.05	NO
05/31/12									0.16	0.15	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	05/01/2012	TO	05/31/2012

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	0.48	0.72	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	0.0735	0.2457	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	14	******	#	******	******	******	******	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		06/20/2012
MGR PITTSFIELD REMEDIATION PGM		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY
TYPED OR PRINTED					

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

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	05/01/2012	**TO**	05/31/2012

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	00783	0.147	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. DIFFUSER 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)494-5902		06/20/2012
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	Flooded Condition	Rain/Precip Total - In	Rain/Precip Peak - In
05/01/12		5.40	C			0.4752	C	0.0148	NO	0.24	0.16
05/02/12								0.1027	NO	0.45	0.19
05/03/12		91.00	C			4.1380	C	0.1417	NO	0.72	0.46
05/04/12								0.0060	NO	0.12	0.10
05/05/12									NO	0.00	0.00
05/06/12									NO	0.00	0.00
05/07/12									NO	0.00	0.00
05/08/12								0.0531	NO	0.48	0.09
05/09/12								0.2457	NO	0.89	0.15
05/10/12								0.1262	YES	0.71	0.31
05/11/12								0.0009	YES	0.02	0.01
05/12/12									YES	0.00	0.00
05/13/12									NO	0.00	0.00
05/14/12									NO	0.06	0.04
05/15/12								0.1293	YES	0.80	0.10
05/16/12								0.0797	YES	0.28	0.10
05/17/12								0.0020	YES	0.04	0.03
05/18/12									YES	0.00	0.00
05/19/12									YES	0.00	0.00
05/20/12									NO	0.00	0.00
05/21/12									NO	0.00	0.00
05/22/12								0.0300	NO	0.28	0.20
05/23/12									NO	0.04	0.02
05/24/12									NO	0.00	0.00
05/25/12									NO	0.03	0.03
05/26/12									NO	0.00	0.00
05/27/12									NO	0.00	0.00
05/28/12									NO	0.00	0.00
05/29/12									NO	0.00	0.00
05/30/12								0.1241	NO	0.37	0.05
05/31/12								0.0423	NO	0.16	0.15

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	05/01/2012	TO	05/31/2012

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

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	******	******	******	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)				
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	mg/L		Quarterly	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)				
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	Req. Mon. MO AVG	******	Req. Mon. DAILY MX	ug/L		Quarterly	COMPOS
Rainfall	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		******	******	******	******			
46529 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	******	******	******	******		Daily When Discharging	TOTALZ
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.0070	0.0070	MGD	******	******	******	******	0	CONT	RECORDR
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. PITTSFIELD REMEDIATION PROJ.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations	Michael T. Carroll	(413)448-5902		06/20/2012
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.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	05/01/2012	**TO**	05/31/2012

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	NOD(9)	NOD(9)		******	******	******	******			
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T. CARROLL MGR. PITTSFIELD REMEDIATION PROJ.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413)448-5902		06/20/2012
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	Rain/Precip Total - In	Rain/Precip Peak - In
05/01/12									0.24	0.16
05/02/12									0.45	0.19
05/03/12								0.0070	0.72	0.46
05/04/12									0.12	0.10
05/05/12									0.00	0.00
05/06/12									0.00	0.00
05/07/12									0.00	0.00
05/08/12									0.48	0.09
05/09/12									0.89	0.15
05/10/12									0.71	0.31
05/11/12									0.02	0.01
05/12/12									0.00	0.00
05/13/12									0.00	0.00
05/14/12									0.06	0.04
05/15/12									0.80	0.10
05/16/12									0.28	0.10
05/17/12									0.04	0.03
05/18/12									0.00	0.00
05/19/12									0.00	0.00
05/20/12									0.00	0.00
05/21/12									0.00	0.00
05/22/12									0.28	0.20
05/23/12									0.04	0.02
05/24/12									0.00	0.00
05/25/12									0.03	0.03
05/26/12									0.00	0.00
05/27/12									0.00	0.00
05/28/12									0.00	0.00
05/29/12									0.00	0.00
05/30/12									0.37	0.05
05/31/12									0.16	0.15

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	05/01/2012	**TO**	05/31/2012

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	******	******	******	7.25	******	7.75	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	0.08	0.16	lbs/d	7.15	******	7.80	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	0	lbs/d	0	******	0	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	0.0002	0.0003	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	******	******	******	0.140	******	0.150	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		06/20/2012
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	05/01/2012	**TO**	05/31/2012

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	0.0015	0.0029	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) 442-5032		06/20/2012
MGR. PITTSFIELD REMEDIATION PROG.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY
TYPED OR PRINTED					

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

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

Attachment E - Outfall 006 Dry

Date	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
05/01/12														0.24	0.16
05/02/12														0.45	0.19
05/03/12														0.72	0.46
05/04/12														0.12	0.10
05/05/12														0.00	0.00
05/06/12												0.0003		0.00	0.00
05/07/12	7.25	U4.10	1,G					0.130	G	0	G			0.00	0.00
05/08/12														0.48	0.09
05/09/12														0.89	0.15
05/10/12														0.71	0.31
05/11/12														0.02	0.01
05/12/12														0.00	0.00
05/13/12												0.0001		0.00	0.00
05/14/12				7.80	C	0.0352	C						0.0001	0.06	0.04
05/15/12														0.80	0.10
05/16/12														0.28	0.10
05/17/12														0.04	0.03
05/18/12														0.00	0.00
05/19/12														0.00	0.00
05/20/12												0.0001		0.00	0.00
05/21/12	7.75	U4.00	1,G					0.150	G	0	G			0.00	0.00
05/22/12														0.28	0.20
05/23/12														0.04	0.02
05/24/12				6.50	C	0.0603	C						0.0029	0.00	0.00
05/25/12														0.03	0.03
05/26/12														0.00	0.00
05/27/12												0.0001		0.00	0.00
05/28/12														0.00	0.00
05/29/12														0.00	0.00
05/30/12														0.37	0.05
05/31/12														0.16	0.15

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

May 16, 2012 Service Request No: R1202871

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

Laboratory Results for: GE - Pittsfield NPDES

Dear Mr. Coyle:

Enclosed are the results of the sample(s) submitted to our laboratory on May 8, 2012. For your reference, these analyses have been assigned our service request number **R1202871**.

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 7470. You may also contact me via email at CBeechler@caslab.com.

Respectfully submitted,

Columbia Analytical Services, Inc. dba ALS Environmental

Carlton Beechler
Project Manager

Columbia Analytical Services
ADDRESS 1565 Jefferson Rd, Building 300, Suite 360, Rochester, NY 14623
PHONE 585-288-5380 | FAX 585-288-8475
Columbia Analytical Services, Inc.
Part of the ALS Group A Campbell Brothers Limited Company
www.caslab.com • www.alsglobal.com

COLUMBIA ANALYTICAL SERVICES, INC.

Client:	GE-Pittsfield	**Service Request No.:**	R1202871
Project:	NPDES	**Date Received:**	5/8/12
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

Three water samples were received for analysis at Columbia Analytical Services on 5/8/12. 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

One preserved VOA sample was 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 Samples for Benzidine and Hexachloroethane were outside of the control limits low and have been flagged with a "*". Sample data may be biased low for these compounds. There was no sample remaining to re-extract and reanalyze; therefore no further corrective action was possible.

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** 5/16/12

CASE NARRATIVE

This report contains analytical results for the following samples:
Service Request Number: R1202871

Lab ID	Client ID
R1202871-001	006D-2Q2M-1X-GV
R1202871-003	006D-2Q2M-1X-GS

Columbia Analytical Services

Now part of the ALS Group

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. Jacobs

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:**	R1202871
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/ 7/12 0905
Sample Matrix:	Water	**Date Received:**	5/ 8/12
		Date Analyzed:	5/9/12 18:01
Sample Name:	006D-2Q2M-1X-GV	**Units:**	µg/L
Lab Code:	R1202871-001	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	290878
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\050912\K3408.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)	**0.13**	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	

Client:	General Electric Company	**Service Request:**	R1202871
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/ 7/12 0905
Sample Matrix:	Water	**Date Received:**	5/ 8/12
		Date Analyzed:	5/9/12 18:01
Sample Name:	006D-2Q2M-1X-GV	**Units:**	Percent
Lab Code:	R1202871-001	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	290878
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\050912\K3408.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	94	79-123	5/9/12 18:01	
4-Bromofluorobenzene	85	79-119	5/9/12 18:01	
Toluene-d8	97	83-120	5/9/12 18:01	

COLUMBIA ANALYTICAL SERVICES, INC.
Now part of the ALS Group
Analytical Report

Client:	General Electric Company	**Service Request:**	R1202871
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/7/12
Sample Matrix:	Water	**Date Received:**	5/8/12
		Date Analyzed:	5/9/12 1801

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

Sample Name:	006D-2Q2M-1X-GV	**Units:**	µg/L
Lab Code:	R1202871-001	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

Client:	General Electric Company	**Service Request:**	R1202871
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/ 7/12 0905
Sample Matrix:	Water	**Date Received:**	5/ 8/12
		Date Extracted:	5/8/12
		Date Analyzed:	5/10/12 02:14
Sample Name:	006D-2Q2M-1X-GS	**Units:**	µg/L
Lab Code:	R1202871-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	291061
Prep Method:	EPA 3510C	**Extraction Lot:**	157392
Data File Name:	J:\ACQUDATA\5973A\DATA\050912\CK715.D\	**Instrument Name:**	R-MS-51
		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:**	R1202871
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/ 7/12 0905
Sample Matrix:	Water	**Date Received:**	5/ 8/12
		Date Extracted:	5/8/12
		Date Analyzed:	5/10/12 02:14
Sample Name:	006D-2Q2M-1X-GS	**Units:**	µg/L
Lab Code:	R1202871-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	291061
Prep Method:	EPA 3510C	**Extraction Lot:**	157392
Data File Name:	J:\ACQUDATA\5973A\DATA\050912\CK715.D\	**Instrument Name:**	R-MS-51
		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	87	28-157	5/10/12 02:14	
2-Fluorobiphenyl	88	39-119	5/10/12 02:14	
2-Fluorophenol	48	10-105	5/10/12 02:14	
Nitrobenzene-d5	96	37-117	5/10/12 02:14	
Phenol-d6	33	10-107	5/10/12 02:14	
p-Terphenyl-d14	115	40-133	5/10/12 02:14	

Client:	General Electric Company	**Service Request:**	R1202871
Project:	GE - Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	5/9/12 16:03
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1204854-04	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	290878
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\050912\K3405.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	

Client:	General Electric Company	**Service Request:**	R1202871
Project:	GE - Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	5/9/12 16:03
Sample Name:	Method Blank	**Units:**	Percent
Lab Code:	RQ1204854-04	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	290878
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\050912\K3405.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	91	79-123	5/9/12 16:03	
4-Bromofluorobenzene	85	79-119	5/9/12 16:03	
Toluene-d8	97	83-120	5/9/12 16:03	

Client:	General Electric Company	**Service Request:**	R1202871
Project:	GE - Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	5/9/12 1603

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:	RQ1204854-04	**Basis:**	NA

Analytical Method: 624

CAS #	Analyte Name	RT	Result	Q

No Tentatively Identified Compounds Detected.

Comments:

Client:	General Electric Company	**Service Request:**	R1202871
Project:	GE - Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Extracted:	5/8/12
		Date Analyzed:	5/9/12 14:50
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1204741-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	291061
Prep Method:	EPA 3510C	**Extraction Lot:**	157392
Data File Name:	J:\ACQUDATA\5973A\DATA\050912\CK697.D\	**Instrument Name:**	R-MS-51
		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	

Client:	General Electric Company	**Service Request:**	R1202871
Project:	GE - Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Extracted:	5/8/12
		Date Analyzed:	5/9/12 14:50
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1204741-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	291061
Prep Method:	EPA 3510C	**Extraction Lot:**	157392
Data File Name:	J:\ACQUDATA\5973A\DATA\050912\CK697.D\	**Instrument Name:**	R-MS-51
		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	72	28-157	5/9/12 14:50	
2-Fluorobiphenyl	84	39-119	5/9/12 14:50	
2-Fluorophenol	53	10-105	5/9/12 14:50	
Nitrobenzene-d5	95	37-117	5/9/12 14:50	
Phenol-d6	37	10-107	5/9/12 14:50	
p-Terphenyl-d14	122	40-133	5/9/12 14:50	

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

Service Request: R1202871
Date Analyzed: 5/ 9/12

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: 290878

Lab Control Sample
RQ1204854-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	20.8	20.0	104	52 - 162
1,1,2,2-Tetrachloroethane	17.7	20.0	88	46 - 157
1,1,2-Trichloroethane	17.4	20.0	87	52 - 150
1,1-Dichloroethane (1,1-DCA)	21.3	20.0	106	59 - 155
1,1-Dichloroethene (1,1-DCE)	19.0	20.0	95	0 - 234
1,2-Dichlorobenzene	17.2	20.0	86	18 - 190
1,2-Dichloroethane	18.0	20.0	90	49 - 155
1,2-Dichloropropane	19.7	20.0	99	0 - 210
1,3-Dichlorobenzene	16.9	20.0	84	59 - 156
1,4-Dichlorobenzene	16.9	20.0	84	18 - 190
2-Chloroethyl Vinyl Ether	20.2	20.0	101	0 - 305
Acrolein	136	100	136	10 - 174
Acrylonitrile	98.4	100	98	61 - 141
Benzene	17.7	20.0	89	37 - 151
Bromodichloromethane	19.4	20.0	97	35 - 155
Bromoform	17.1	20.0	85	45 - 169
Bromomethane	19.5	20.0	97	0 - 242
Carbon Tetrachloride	18.9	20.0	95	70 - 140
Chlorobenzene	18.4	20.0	92	37 - 160
Chloroethane	19.4	20.0	97	14 - 230
Chloroform	19.9	20.0	100	51 - 138
Chloromethane	20.7	20.0	104	0 - 273
Chlorodibromomethane	19.0	20.0	95	53 - 149
Dichlorodifluoromethane (CFC 12)	18.3	20.0	92	47 - 148
Methylene Chloride	18.6	20.0	93	0 - 221
Ethylbenzene	18.3	20.0	91	37 - 162
Tetrachloroethene (PCE)	17.7	20.0	88	64 - 148
Toluene	17.6	20.0	88	47 - 150
Trichloroethene (TCE)	17.2	20.0	86	71 - 157
Trichlorofluoromethane (CFC 11)	19.9	20.0	100	17 - 181
Vinyl Chloride	18.5	20.0	93	0 - 251
cis-1,3-Dichloropropene	16.8	20.0	84	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.

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

Service Request: R1202871
Date Analyzed: 5/ 9/12

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: 290878

Lab Control Sample
RQ1204854-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
trans-1,2-Dichloroethene	18.0	20.0	90	54 - 156
trans-1,3-Dichloropropene	17.8	20.0	89	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.
Now part of the ALS Group
QA/QC Report

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

Service Request: R1202871
Date Analyzed: 5/ 9/12

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 157392

	Lab Control Sample RQ1204741-02			Duplicate Lab Control Sample RQ1204741-03					
Analyte Name	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	40.2	100	40	48.3	100	48	29 - 85	18	30
1,2-Diphenylhydrazine	84.5	100	85	87.9	100	88	64 - 114	4	30
2,4,6-Trichlorophenol	88.9	100	89	95.9	100	96	37 - 144	8	30
2,4-Dichlorophenol	85.3	100	85	91.3	100	91	39 - 135	7	30
2,4-Dimethylphenol	79.1	100	79	81.6	100	82	32 - 119	3	30
2,4-Dinitrophenol	100	100	100	112	100	112	0 - 191	11	30
2,4-Dinitrotoluene	96.0	100	96	108	100	108	39 - 139	12	30
2,6-Dinitrotoluene	95.6	100	96	104	100	104	50 - 158	8	30
2-Chloronaphthalene	70.6	100	71	74.5	100	75	60 - 118	5	30
2-Chlorophenol	77.0	100	77	81.2	100	81	23 - 134	5	30
2-Nitrophenol	96.4	100	96	105	100	105	29 - 182	9	30
3,3'-Dichlorobenzidine	80.1	100	80	84.9	100	85	0 - 262	6	30
4,6-Dinitro-o-cresol	102	100	102	108	100	108	0 - 181	7	30
4-Bromophenyl Phenyl Ether	87.3	100	87	92.6	100	93	53 - 127	6	30
4-Chloro-m-cresol	90.1	100	90	95.9	100	96	22 - 147	6	30
4-Chlorophenyl Phenyl Ether	84.7	100	85	91.4	100	91	25 - 158	8	30
4-Nitrophenol	44.6	100	45	49.1	100	49	0 - 132	10	30
Acenaphthene	84.7	100	85	88.8	100	89	47 - 145	5	30
Acenaphthylene	83.0	100	83	89.2	100	89	33 - 145	7	30
Anthracene	93.5	100	93	97.6	100	98	27 - 133	4	30
Benz(a)anthracene	92.5	100	93	98.8	100	99	33 - 143	7	30
Benzidine	100 U	100	0 *	100 U	100	0 *	10 - 78	91 *	30
Benzo(a)pyrene	86.4	100	86	91.8	100	92	17 - 163	6	30
3,4-Benzofluoranthene	95.0	100	95	97.4	100	97	24 - 159	3	30
Benzo(g,h,i)perylene	94.2	100	94	100	100	100	0 - 219	6	30
Benzo(k)fluoranthene	92.3	100	92	95.4	100	95	11 - 162	3	30
Bis(1-chloroisopropyl) Ether	74.1	100	74	81.6	100	82	36 - 166	10	30
Bis(2-chloroethoxy)methane	83.6	100	84	89.2	100	89	33 - 184	6	30
Bis(2-chloroethyl) Ether	75.3	100	75	81.6	100	82	12 - 158	8	30
Bis(2-ethylhexyl) Phthalate	96.1	100	96	102	100	102	8 - 158	6	30
Butyl Benzyl Phthalate	89.0	100	89	94.1	100	94	0 - 152	6	30
Chrysene	92.7	100	93	97.7	100	98	17 - 168	5	30

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

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

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

Service Request: R1202871
Date Analyzed: 5/ 9/12

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 157392

	Lab Control Sample RQ1204741-02				Duplicate Lab Control Sample RQ1204741-03					
Analyte Name	**Result**	**Spike Amount**	**% Rec**		**Result**	**Spike Amount**	**% Rec**		**% Rec Limits**	**RPD**	**RPD Limit**
Di-n-butyl Phthalate	92.8	100	93		98.0	100	98		1 - 118	5	30
Di-n-octyl Phthalate	97.3	100	97		100	100	100		4 - 146	3	30
Dibenz(a,h)anthracene	94.4	100	94		101	100	101		0 - 227	7	30
Diethyl Phthalate	90.4	100	90		96.2	100	96		0 - 114	6	30
Dimethyl Phthalate	87.4	100	87		94.9	100	95		0 - 112	8	30
Fluoranthene	94.4	100	94		101	100	101		26 - 137	7	30
Fluorene	90.5	100	90		96.5	100	96		59 - 121	6	30
Hexachlorobenzene	86.8	100	87		93.0	100	93		0 - 152	7	30
Hexachlorobutadiene	32.5	100	32		43.1	100	43		24 - 116	28	30
Hexachlorocyclopentadiene	54.0	100	54		58.0	100	58		10 - 79	7	30
Hexachloroethane	31.1	100	31	*	38.6	100	39	*	40 - 113	22	30
Indeno(1,2,3-cd)pyrene	90.6	100	91		98.0	100	98		0 - 171	8	30
Isophorone	84.0	100	84		88.9	100	89		21 - 196	6	30
N-Nitrosodi-n-propylamine	82.6	100	83		86.5	100	87		0 - 230	5	30
N-Nitrosodimethylamine	53.9	100	54		58.3	100	58		34 - 130	8	30
N-Nitrosodiphenylamine	90.6	100	91		95.9	100	96		50 - 117	6	30
Naphthalene	53.0	100	53		60.7	100	61		21 - 133	14	30
Nitrobenzene	84.4	100	84		90.2	100	90		35 - 180	7	30
Pentachlorophenol (PCP)	95.1	100	95		101	100	101		14 - 176	6	30
Phenanthrene	95.5	100	95		100	100	100		54 - 120	5	30
Phenol	37.2	100	37		38.8	100	39		5 - 112	4	30
Pyrene	94.1	100	94		98.3	100	98		52 - 115	4	30

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

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

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

1565 Jefferson Rd., Bldg. 300, Suite 360, Rochester, NY 14623 | 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	E-mail: 413-494-7052
Sampler's Signature:	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	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608	PCB's ☐ 8082 ☐ 608	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	VOC EPA 624									REMARKS/ ALTERNATE DESCRIPTION
						Ø	Ø															1	
(1)006D-2Q2M-1X-GV		5/7/12	905 Am	H_2O	3		X																
(2)006D-2Q2M-1X-GV		5/7/12	905 Am	H_2O	3									X									
(3)006D-2Q2M-1X-GS		5/7/12	905 Am	H_2O	1			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)
____ 1 day ____ 2 day ____ 3 day
____ 4 day ____ X 6 day
____ Standard

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

Edata ____ Yes ____

INVOICE INFORMATION
PO #:
BILL TO:

R1202871 5
Veolia Water North America
GE - Pittsfield NPDES

STATE WHERE SAMPLES WERE COLLECTED:

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature	Signature	Signature	Signature	Signature	Signature
Printed Name: Dave Moro	Printed Name: Andy Hentschke	Printed Name	Printed Name	Printed Name	Printed Name
Firm: VWNA	Firm: ALS	Firm	Firm	Firm	Firm
Date/Time: 5/7/12 2:00 pm	Date/Time: 5/8/12 0955	Date/Time	Date/Time	Date/Time	Date/Time

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

SCOC Rev. 7/2011

Cooler Receipt and Preservation Check Form

Project/Client GE-Pittsfield Folder Number 12028?1

Cooler received on 5/8/12 by: AWH COURIER: ALS 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?	(ALS/ROC,)	CLIENT

7. Temperature of cooler(s) upon receipt:	5.7°	3.8°			
Is the temperature within 0° - 6° C?:	(Yes)	Yes	Yes	Yes	Yes
If No, Explain Below	No	No	No	No	No

Date/Time Temperatures Taken: 5/8/12 1032

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: _____

All Samples held in storage location R-002 by AWH on 5/8/12 at 1033

5035 samples placed in storage location _____ by _____ on _____ at _____

PC Secondary Review: C 5/8/12

Cooler Breakdown: Date: 5/8/12 Time: 1155 by: AWH

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								
<4	$NaHSO_4$								
Residual Chlorine (-)	For TCN Phenol and 522			If present, contact PM to add ascorbic acid Or sodium sulfite (522)					
	$Na_2S_2O_3$	-	-						
	Zn Aceta	-	-						
	HCl	*	*	411060	4/13				

*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: 020612-1F, 1-286-001, Z-059-C01

Other Comments:

PC Secondary Review: CS 5/9/12

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

May 31, 2012 Service Request No: R1203264

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

Laboratory Results for: GE - Pittsfield NPDES

Dear Mr. Coyle:

Enclosed are the results of the sample(s) submitted to our laboratory on May 22, 2012. For your reference, these analyses have been assigned our service request number **R1203264**.

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. dba ALS Environmental (ALS) 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

Please contact me if you have any questions. My extension is 7470. You may also contact me via email at CBeechler@caslab.com.

Respectfully submitted,

Columbia Analytical Services, Inc. dba ALS Environmental

Carlton Beechler
Project Manager

Columbia Analytical Services
ADDRESS 1565 Jefferson Rd, Building 300, Suite 360, Rochester, NY 14623
PHONE 585-288-5380 | FAX 585-288-8475
Columbia Analytical Services, Inc.
Part of the ALS Group A Campbell Brothers Limited Company
www.caslab.com - www.alsglobal.com

CASE NARRATIVE

This report contains analytical results for the following samples:
Service Request Number: R1203264

Lab ID	Client ID
R1203264-001	006D-2Q2M-2X-GV
R1203264-003	006D-2Q2M-2X-GS
R1203264-004	TRIP BLANK

All samples were received in good condition unless otherwise noted on the cooler receipt and preservation check form located at the end of this report.

All samples were preserved in accordance with approved analytical methods.

All samples have been analyzed by the approved methods cited on the analytical results pages.

All holding times and associated QC were within limits.

No analytical or QC problems were encountered.

All sampling activities performed by CAS personnel have been in accordance with "CAS Field Procedures and Measurements Manual" or by client specifications.

Columbia Analytical Services

Now part of the ALS Group

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. Parcabe

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:**	R1203264
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/21/12 0930
Sample Matrix:	Water	**Date Received:**	5/22/12
		Date Analyzed:	5/22/12 17:36
Sample Name:	006D-2Q2M-2X-GV	**Units:**	µg/L
Lab Code:	R1203264-001	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	292734
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\052212\K3668.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)	**0.15**	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	

Client:	General Electric Company	**Service Request:**	R1203264
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/21/12 0930
Sample Matrix:	Water	**Date Received:**	5/22/12
		Date Analyzed:	5/22/12 17:36
Sample Name:	006D-2Q2M-2X-GV	**Units:**	Percent
Lab Code:	R1203264-001	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	292734
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\052212\K3668.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	92	79-123	5/22/12 17:36	
4-Bromofluorobenzene	86	79-119	5/22/12 17:36	
Toluene-d8	97	83-120	5/22/12 17:36	

Client:	General Electric Company	**Service Request:**	R1203264
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/21/12 0930
Sample Matrix:	Water	**Date Received:**	5/22/12
		Date Extracted:	5/24/12
		Date Analyzed:	5/29/12 21:00
Sample Name:	006D-2Q2M-2X-GS	**Units:**	µg/L
Lab Code:	R1203264-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	293745
Prep Method:	EPA 3510C	**Extraction Lot:**	158854
Data File Name:	J:\ACQUDATA\5973A\DATA\052912\CL246.D\	**Instrument Name:**	R-MS-51
		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:**	R1203264
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/21/12 0930
Sample Matrix:	Water	**Date Received:**	5/22/12
		Date Extracted:	5/24/12
		Date Analyzed:	5/29/12 21:00
Sample Name:	006D-2Q2M-2X-GS	**Units:**	µg/L
Lab Code:	R1203264-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	293745
Prep Method:	EPA 3510C	**Extraction Lot:**	158854
Data File Name:	J:\ACQUDATA\5973A\DATA\052912\CL246.D\	**Instrument Name:**	R-MS-51
		Dilution Factor:	1

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

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	91	28-157	5/29/12 21:00	
2-Fluorobiphenyl	81	39-119	5/29/12 21:00	
2-Fluorophenol	40	10-105	5/29/12 21:00	
Nitrobenzene-d5	78	37-117	5/29/12 21:00	
Phenol-d6	28	10-107	5/29/12 21:00	
p-Terphenyl-d14	115	40-133	5/29/12 21:00	

Client:	General Electric Company	**Service Request:**	R1203264
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/21/12 0945
Sample Matrix:	Water	**Date Received:**	5/22/12
		Date Analyzed:	5/22/12 16:56
Sample Name:	TRIP BLANK	**Units:**	µg/L
Lab Code:	R1203264-004	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	292734
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\052212\K3667.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	**0.67**	J	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	

Client:	General Electric Company	**Service Request:**	R1203264
Project:	GE - Pittsfield NPDES	**Date Collected:**	5/21/12 0945
Sample Matrix:	Water	**Date Received:**	5/22/12
		Date Analyzed:	5/22/12 16:56
Sample Name:	TRIP BLANK	**Units:**	Percent
Lab Code:	R1203264-004	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	292734
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\052212\K3667.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	89	79-123	5/22/12 16:56	
4-Bromofluorobenzene	82	79-119	5/22/12 16:56	
Toluene-d8	96	83-120	5/22/12 16:56	

Client:	General Electric Company	**Service Request:**	R1203264
Project:	GE - Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	5/22/12 16:17
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1205588-04	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	292734
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\052212\K3666.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	

Client:	General Electric Company	**Service Request:**	R1203264
Project:	GE - Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Analyzed:	5/22/12 16:17
Sample Name:	Method Blank	**Units:**	Percent
Lab Code:	RQ1205588-04	**Basis:**	NA

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

Analytical Method:	624	**Analysis Lot:**	292734
Data File Name:	J:\ACQUDATA\MSVOA5\DATA\052212\K3666.D\	**Instrument Name:**	R-MS-05
		Dilution Factor:	1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	93	79-123	5/22/12 16:17	
4-Bromofluorobenzene	86	79-119	5/22/12 16:17	
Toluene-d8	96	83-120	5/22/12 16:17	

Client:	General Electric Company	**Service Request:**	R1203264
Project:	GE - Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Extracted:	5/24/12
		Date Analyzed:	5/29/12 18:30
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1205687-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	293745
Prep Method:	EPA 3510C	**Extraction Lot:**	158854
Data File Name:	J:\ACQUDATA\5973A\DATA\052912\CL242.D\	**Instrument Name:**	R-MS-51
		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	

Client:	General Electric Company	**Service Request:**	R1203264
Project:	GE - Pittsfield NPDES	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Extracted:	5/24/12
		Date Analyzed:	5/29/12 18:30
Sample Name:	Method Blank	**Units:**	µg/L
Lab Code:	RQ1205687-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analytical Method:	625	**Analysis Lot:**	293745
Prep Method:	EPA 3510C	**Extraction Lot:**	158854
Data File Name:	J:\ACQUDATA\5973A\DATA\052912\CL242.D\	**Instrument Name:**	R-MS-51
		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	86	28-157	5/29/12 18:30	
2-Fluorobiphenyl	79	39-119	5/29/12 18:30	
2-Fluorophenol	37	10-105	5/29/12 18:30	
Nitrobenzene-d5	79	37-117	5/29/12 18:30	
Phenol-d6	27	10-107	5/29/12 18:30	
p-Terphenyl-d14	107	40-133	5/29/12 18:30	

COLUMBIA ANALYTICAL SERVICES, INC.
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QA/QC Report

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

Service Request: R1203264
Date Analyzed: 5/22/12

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: 292734

Lab Control Sample
RQ1205588-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	20.8	20.0	104	52 - 162
1,1,2,2-Tetrachloroethane	16.0	20.0	80	46 - 157
1,1,2-Trichloroethane	16.5	20.0	82	52 - 150
1,1-Dichloroethane (1,1-DCA)	21.3	20.0	107	59 - 155
1,1-Dichloroethene (1,1-DCE)	17.8	20.0	89	0 - 234
1,2-Dichlorobenzene	17.3	20.0	86	18 - 190
1,2-Dichloroethane	17.9	20.0	89	49 - 155
1,2-Dichloropropane	18.9	20.0	94	0 - 210
1,3-Dichlorobenzene	17.4	20.0	87	59 - 156
1,4-Dichlorobenzene	17.0	20.0	85	18 - 190
2-Chloroethyl Vinyl Ether	17.9	20.0	89	0 - 305
Acrolein	110	100	110	10 - 174
Acrylonitrile	90.0	100	90	61 - 141
Benzene	17.4	20.0	87	37 - 151
Bromodichloromethane	19.1	20.0	96	35 - 155
Bromoform	15.9	20.0	79	45 - 169
Bromomethane	17.5	20.0	88	0 - 242
Carbon Tetrachloride	18.9	20.0	94	70 - 140
Chlorobenzene	19.2	20.0	96	37 - 160
Chloroethane	18.1	20.0	90	14 - 230
Chloroform	20.3	20.0	102	51 - 138
Chloromethane	17.1	20.0	86	0 - 273
Chlorodibromomethane	17.8	20.0	89	53 - 149
Dichlorodifluoromethane (CFC 12)	16.0	20.0	80	47 - 148
Methylene Chloride	18.2	20.0	91	0 - 221
Ethylbenzene	18.6	20.0	93	37 - 162
Tetrachloroethene (PCE)	18.4	20.0	92	64 - 148
Toluene	17.6	20.0	88	47 - 150
Trichloroethene (TCE)	17.2	20.0	86	71 - 157
Trichlorofluoromethane (CFC 11)	19.8	20.0	99	17 - 181
Vinyl Chloride	16.7	20.0	83	0 - 251
cis-1,3-Dichloropropene	15.4	20.0	77	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.

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

Service Request: R1203264
Date Analyzed: 5/22/12

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: 292734

Lab Control Sample
RQ1205588-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
trans-1,2-Dichloroethene	18.0	20.0	90	54 - 156
trans-1,3-Dichloropropene	15.9	20.0	79	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.
Now part of the ALS Group
QA/QC Report

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

Service Request: R1203264
Date Analyzed: 5/29/12

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 158854

	Lab Control Sample RQ1205687-02				Duplicate Lab Control Sample RQ1205687-03					
Analyte Name	**Result**	**Spike Amount**	**% Rec**		**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4-Trichlorobenzene	62.4	100	62		59.2	100	59	29 - 85	5	30
1,2-Diphenylhydrazine	90.9	100	91		89.4	100	89	64 - 114	2	30
2,4,6-Trichlorophenol	99.8	100	100		98.5	100	99	37 - 144	1	30
2,4-Dichlorophenol	92.5	100	92		90.5	100	90	39 - 135	2	30
2,4-Dimethylphenol	91.7	100	92		88.8	100	89	32 - 119	3	30
2,4-Dinitrophenol	90.9	100	91		94.8	100	95	0 - 191	4	30
2,4-Dinitrotoluene	109	100	109		106	100	106	39 - 139	3	30
2,6-Dinitrotoluene	104	100	104		105	100	105	50 - 158	1	30
2-Chloronaphthalene	87.7	100	88		85.7	100	86	60 - 118	2	30
2-Chlorophenol	83.5	100	84		79.0	100	79	23 - 134	5	30
2-Nitrophenol	91.4	100	91		89.7	100	90	29 - 182	2	30
3,3'-Dichlorobenzidine	90.0	100	90		87.5	100	88	0 - 262	3	30
4,6-Dinitro-o-cresol	107	100	107		106	100	106	0 - 181	1	30
4-Bromophenyl Phenyl Ether	104	100	104		102	100	102	53 - 127	2	30
4-Chloro-m-cresol	95.0	100	95		94.3	100	94	22 - 147	<1	30
4-Chlorophenyl Phenyl Ether	99.7	100	100		97.7	100	98	25 - 158	2	30
4-Nitrophenol	44.1	100	44		46.3	100	46	0 - 132	5	30
Acenaphthene	97.8	100	98		95.4	100	95	47 - 145	2	30
Acenaphthylene	100	100	100		98.7	100	99	33 - 145	1	30
Anthracene	101	100	101		98.3	100	98	27 - 133	3	30
Benz(a)anthracene	102	100	102		98.9	100	99	33 - 143	3	30
Benzidine	80.2	100	80	*	66.8	100	67	10 - 78	18	30
Benzo(a)pyrene	98.5	100	98		95.3	100	95	17 - 163	3	30
3,4-Benzofluoranthene	115	100	115		110	100	110	24 - 159	4	30
Benzo(g,h,i)perylene	98.5	100	98		94.2	100	94	0 - 219	4	30
Benzo(k)fluoranthene	109	100	109		104	100	104	11 - 162	5	30
Bis(1-chloroisopropyl) Ether	86.6	100	87		79.6	100	80	36 - 166	8	30
Bis(2-chloroethoxy)methane	110	100	110		107	100	107	33 - 184	3	30
Bis(2-chloroethyl) Ether	85.4	100	85		80.8	100	81	12 - 158	5	30
Bis(2-ethylhexyl) Phthalate	102	100	102		96.0	100	96	8 - 158	6	30
Butyl Benzyl Phthalate	97.4	100	97		93.9	100	94	0 - 152	4	30
Chrysene	102	100	102		97.9	100	98	17 - 168	4	30

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

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

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

Service Request: R1203264
Date Analyzed: 5/29/12

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
Prep Method: EPA 3510C

Units: µg/L
Basis: NA

Extraction Lot: 158854

	Lab Control Sample RQ1205687-02			Duplicate Lab Control Sample RQ1205687-03					
Analyte Name	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Di-n-butyl Phthalate	94.9	100	95	91.3	100	91	1 - 118	4	30
Di-n-octyl Phthalate	107	100	107	99.3	100	99	4 - 146	7	30
Dibenz(a,h)anthracene	101	100	101	95.9	100	96	0 - 227	5	30
Diethyl Phthalate	97.4	100	97	95.1	100	95	0 - 114	2	30
Dimethyl Phthalate	98.9	100	99	96.7	100	97	0 - 112	2	30
Fluoranthene	98.6	100	99	93.7	100	94	26 - 137	5	30
Fluorene	102	100	102	99.6	100	100	59 - 121	2	30
Hexachlorobenzene	106	100	106	104	100	104	0 - 152	2	30
Hexachlorobutadiene	59.3	100	59	55.9	100	56	24 - 116	6	30
Hexachlorocyclopentadiene	76.6	100	77	71.6	100	72	10 - 79	7	30
Hexachloroethane	50.2	100	50	45.7	100	46	40 - 113	9	30
Indeno(1,2,3-cd)pyrene	96.3	100	96	93.3	100	93	0 - 171	3	30
Isophorone	88.4	100	88	86.0	100	86	21 - 196	3	30
N-Nitrosodi-n-propylamine	89.8	100	90	86.8	100	87	0 - 230	3	30
N-Nitrosodimethylamine	54.5	100	55	49.1	100	49	34 - 130	10	30
N-Nitrosodiphenylamine	102	100	102	101	100	101	50 - 117	<1	30
Naphthalene	74.3	100	74	70.8	100	71	21 - 133	5	30
Nitrobenzene	84.8	100	85	82.1	100	82	35 - 180	3	30
Pentachlorophenol (PCP)	100	100	100	96.8	100	97	14 - 176	3	30
Phenanthrene	104	100	104	102	100	102	54 - 120	2	30
Phenol	41.7	100	42	39.5	100	39	5 - 112	5	30
Pyrene	114	100	114	113	100	113	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

1565 Jefferson Rd., Bldg. 300, Suite 360, Rochester, NY 14623 | 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	E-mail: 413-494-7052
Sampler's Signature:	Sampler's Printed Name: Dave Moro

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE: 0 0 1

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

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	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608	PCB's ☐ 8082 ☐ 608	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	VOC EPA 624	REMARKS/ ALTERNATE DESCRIPTION
(1)006D-2Q2M-2X-GV		5/21/12	930 Am	H_2O	3	X								
(2)006D-2Q2M-2X-GV		5/21/12	930 Am	H_2O	3								X	
(3)006D-2Q2M-2X-GS		5/21/12	930 Am	H_2O	1		X							
(1)Trip Blank		5/21/12	945 Am	H_2O	3	X								
(2)Trip Blank		5/21/12	945 Am	H_2O	3								X	

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)
____ 1 day ____ 2 day ____ 3 day
____ 4 day __X__ 5 day
____ Standard
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 D...
Edata ____ Yes ____ No

INVOICE INFORMATION
PO #:
BILL TO:

R1203264 5
Veolia Water North America
GE - Pittsfield NPDES

STATE WHERE SAMPLES WERE COLLECTED:

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	
Signature	Signature	Signature	Signature	Signature	Signature
Printed Name: Dave Moro	Printed Name: Gregory LeFevre	Printed Name	Printed Name	Printed Name	Printed Name
Firm: VWNA	Firm: ALS	Firm	Firm	Firm	Firm
Date/Time: 5/21/12 2:00 pm	Date/Time: 5/22/12 1013	Date/Time	Date/Time	Date/Time	Date/Time

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

SCOC Rev 7/2011

Cooler Receipt and Preservation Check Form

Project/Client SE Pittsfield Folder Number R203264

Cooler received on 5/22/12 by: (R) COURIER: ALS 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?	(ALS/ROC), CLIENT				
7.	Temperature of cooler(s) upon receipt:	3.1°				
	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: 5/22/12 1027

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:

All Samples held in storage location R002 by (R) on 5/22/12 at 1027

5035 samples placed in storage location _____ by _____ on _____ at _____

PC Secondary Review: (CS) 5/22/12

Cooler Breakdown: Date: 5/22/12 Time: 1127 by: AHH

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								
<4	$NaHSO_4$								
Residual Chlorine (-)	For TCN Phenol and 522			If present, contact PM to add ascorbic acid Or sodium sulfite (522)					
	$Na_2S_2O_3$	-	-						
	Zn Aceta	-	-						
	HCl	*	*	4111060	3/13				

*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: 1-315-002, 1-286-001, 120511-1B

Other Comments:

PC Secondary Review: (CS) 5/22/12 *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

006 Dry Summary Report

Date	Rainfall Total (in)	Rainfall Peak (in)	Observed Snow Melt	Wet Weather	Outfall Flooded Cndtn	Flow (MGD) [1]	Flow (MGD) [3]	Flow (MGD) [4]	Flow (GPM)	pH	pH	Oil & Grease (mg/L)	Oil & Grease (lbs/day)	TSS (mg/L)	TSS (lbs/day)	PCB (ug/L)	PCB lbs/day)	VOC (ug/L)	SVOC ug/L)
05/01/12	0.24	0.16		Y															
05/02/12	0.45	0.19		Y															
05/03/12	0.72	0.46		Y															
05/04/12	0.12	0.10		Y															
05/05/12	0.00	0.00																	
05/06/12	0.00	0.00				0.000288													
05/07/12	0.00	0.00							0.1	7.25		U4.10						0.130	0.000
05/08/12	0.48	0.09		Y															
05/09/12	0.89	0.15		Y															
05/10/12	0.71	0.31		Y															
05/11/12	0.02	0.01																	
05/12/12	0.00	0.00																	
05/13/12	0.00	0.00				0.000144													
05/14/12	0.06	0.04						0.000144						7.80	0.0093675	0.0352	0.0000000423		
05/15/12	0.80	0.10		Y															
05/16/12	0.28	0.10		Y															
05/17/12	0.04	0.03																	
05/18/12	0.00	0.00																	
05/19/12	0.00	0.00																	
05/20/12	0.00	0.00				0.000144													
05/21/12	0.00	0.00							2.0	7.75		U4.00						0.150	0.000
05/22/12	0.28	0.20		Y															
05/23/12	0.04	0.02																	
05/24/12	0.00	0.00						0.002880						6.50	0.1561248	0.0603	0.0000014484		
05/25/12	0.03	0.03																	
05/26/12	0.00	0.00																	
05/27/12	0.00	0.00				0.000144													
05/28/12	0.00	0.00																	
05/29/12	0.00	0.00																	
05/30/12	0.37	0.05		Y															
05/31/12	0.16	0.15		Y															
AVG						0.000180		0.001512						7.15	0.0827461	0.0478	0.0000007453	0.140	0.000
MIN										7.25									
MAX						0.000288		0.002880		7.75		0.00		7.80	0.1561248	0.0603	0.0000014484	0.150	0.000
															AVG	0.0000	0.0000000000		
															MAX	0.0000	0.0000000000		

[1] Report the average monthly and maximum daily flows.

[3] The monthly average flow is defined as the average flow per day of discharge.

[4] Report the average monthly and maximum daily flows for the day(s) that PCB samples were taken.

[11] Report the average monthly and maximum precipitation that fell on the days that PCB samples were taken.

[12] Report the average monthly and maximum precipitation that fell on the days that sampling occurred.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	05/01/2012	**TO**	05/31/2012

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

No Discharge ☐

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T CARROLL MGR ENVIRONMENTAL PROGRAMS	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413) 442-5903		06/20/2012
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	05/01/2012	**TO**	05/31/2012

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	******	******	******	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		Quarterly	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		Quarterly	COMPOS
Rainfall	SAMPLE MEASUREMENT	0.72	0.72	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	0.0041	0.0063	MGD	******	******	******	******	0	CONT	RECORDR
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR
Number of Events	SAMPLE MEASUREMENT	2	******	#	******	******	******	******	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. PITTSFIELD ENVIRONMENTAL PROG	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413) 448-5902		06/20/2012
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		**MM/DD/YYYY**
FROM	05/01/2012	**TO**	05/31/2012

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	0.0063	0.0063	MGD	******	******	******	******	0	CONT	RCORDR
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
MICHAEL T CARROLL MGR. PITTSFIELD REMEDIATION PROG	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	(413) 448-5902		06/20/2014
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

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

Attachment E - Outfall 06A Wet

Date	pH	TSS MG/L	FN	Oil & Grease MG/L	FN	PCB UG/L	FN	Metered Flow - MGD	Rain/Precip Total - In	Rain/Precip Peak - In
05/01/12									0.24	0.16
05/02/12									0.45	0.19
05/03/12	8.60	210.00	C	U4.60	1,G	2.1830	C	0.0063	0.72	0.46
05/04/12									0.12	0.10
05/05/12									0.00	0.00
05/06/12									0.00	0.00
05/07/12									0.00	0.00
05/08/12									0.48	0.09
05/09/12									0.89	0.15
05/10/12									0.71	0.31
05/11/12									0.02	0.01
05/12/12									0.00	0.00
05/13/12									0.00	0.00
05/14/12									0.06	0.04
05/15/12									0.80	0.10
05/16/12									0.28	0.10
05/17/12									0.04	0.03
05/18/12									0.00	0.00
05/19/12									0.00	0.00
05/20/12									0.00	0.00
05/21/12									0.00	0.00
05/22/12									0.28	0.20
05/23/12									0.04	0.02
05/24/12									0.00	0.00
05/25/12									0.03	0.03
05/26/12									0.00	0.00
05/27/12									0.00	0.00
05/28/12									0.00	0.00
05/29/12									0.00	0.00
05/30/12								0.0019	0.37	0.05
05/31/12									0.16	0.15

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	SRO5-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	05/01/2012	TO	05/31/2012

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	0.55	0.72	IN	******	******	******	******	0	Daily When Discharging	TOTALZ
46529 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	******	******	******	******		Daily When Discharging	TOTALZ
Number of Events	SAMPLE MEASUREMENT	2	******	#	******	******	******	******	0	Daily When Discharging	VISUAL
51484 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. TOTAL	******	#	******	******	******	******		Daily When Discharging	VISUAL
Flow, total	SAMPLE MEASUREMENT	0.0092	0.0097	MGA	******	******	******	******	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 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	(413,442-5902		06/26/2012
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
05/01/12		0.24	0.16
05/02/12		0.45	0.19
05/03/12	0.0097	0.72	0.46
05/04/12		0.12	0.10
05/05/12		0.00	0.00
05/06/12		0.00	0.00
05/07/12		0.00	0.00
05/08/12		0.48	0.09
05/09/12		0.89	0.15
05/10/12		0.71	0.31
05/11/12		0.02	0.01
05/12/12		0.00	0.00
05/13/12		0.00	0.00
05/14/12		0.06	0.04
05/15/12		0.80	0.10
05/16/12		0.28	0.10
05/17/12		0.04	0.03
05/18/12		0.00	0.00
05/19/12		0.00	0.00
05/20/12		0.00	0.00
05/21/12		0.00	0.00
05/22/12		0.28	0.20
05/23/12		0.04	0.02
05/24/12		0.00	0.00
05/25/12		0.03	0.03
05/26/12		0.00	0.00
05/27/12		0.00	0.00
05/28/12		0.00	0.00
05/29/12		0.00	0.00
05/30/12	0.0086	0.37	0.05
05/31/12		0.16	0.15

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	09B-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	05/01/2012	TO	05/31/2012

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	******	******	******	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	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	******	NODI(9)		******	******	NODI(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	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	COMP24
Rainfall	SAMPLE MEASUREMENT	0.79	0.89	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	0.0206	0.0972	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	0.0698	0.0698	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. PERMITTING REMEDIATION PROG	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations	Michael T. Carroll	(413) 448-5902		06/28/2012
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	Rain/Precip Total - In	Rain/Precip Peak - In
05/01/12								0.0359	0.24	0.16
05/02/12								0.0485	0.45	0.19
05/03/12								0.0219	0.72	0.46
05/04/12								0.0051	0.12	0.10
05/05/12								0	0.00	0.00
05/06/12								0.0184	0.00	0.00
05/07/12								0	0.00	0.00
05/08/12								0.0325	0.48	0.09
05/09/12		1.60	C			0	G	0.0698	0.89	0.15
05/10/12								0.0745	0.71	0.31
05/11/12								0	0.02	0.01
05/12/12								0	0.00	0.00
05/13/12								0	0.00	0.00
05/14/12								0	0.06	0.04
05/15/12								0.0972	0.80	0.10
05/16/12								0.0387	0.28	0.10
05/17/12								0.0029	0.04	0.03
05/18/12								0.0007	0.00	0.00
05/19/12								0.0001	0.00	0.00
05/20/12								0	0.00	0.00
05/21/12								0.0022	0.00	0.00
05/22/12								0.0361	0.28	0.20
05/23/12								0.0058	0.04	0.02
05/24/12								0	0.00	0.00
05/25/12								0.0042	0.03	0.03
05/26/12								0	0.00	0.00
05/27/12								0	0.00	0.00
05/28/12								0	0.00	0.00
05/29/12								0	0.00	0.00
05/30/12								0.0825	0.37	0.05
05/31/12								0.0609	0.16	0.15

FN

1 - (U) Indicates compound analyzed for but not detected

C - Composite sample

G - Grab sample

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

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

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

ATTN: MICHAEL T CARROLL, EHS&F

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

MONITORING PERIOD			
	MM/DD/YYYY		MM/DD/YYYY
FROM	05/01/2012	TO	05/31/2012

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	******	******	******	7.12	******	7.26	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	0.01	0.01	lbs/d	10.30	******	11.20	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	******	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	0	lbs/d	0	******	0	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	0.0001	0.0001	MGD	******	******	******	******	0	2/Mo	ESTIMA
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	******	******	******	******		Twice Every Monlh	ESTIMA

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) 494-5992		06/20/2012
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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

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

Attachment E - Outfall 009 Dry

Date	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)	FN	Rain/Precip Total - In	Rain/Precip Peak - In
05/01/12											0.24	0.16
05/02/12											0.45	0.19
05/03/12											0.72	0.46
05/04/12											0.12	0.10
05/05/12											0.00	0.00
05/06/12								0			0.00	0.00
05/07/12	7.12			U4.00	1,G						0.00	0.00
05/08/12											0.48	0.09
05/09/12											0.89	0.15
05/10/12											0.71	0.31
05/11/12											0.02	0.01
05/12/12											0.00	0.00
05/13/12								0			0.00	0.00
05/14/12		9.40	C			0	C		0.0001	2	0.06	0.04
05/15/12											0.80	0.10
05/16/12											0.28	0.10
05/17/12											0.04	0.03
05/18/12											0.00	0.00
05/19/12											0.00	0.00
05/20/12								0			0.00	0.00
05/21/12	7.26			U4.00	1,G						0.00	0.00
05/22/12											0.28	0.20
05/23/12											0.04	0.02
05/24/12		11.20	C			0	C		0.0001	2	0.00	0.00
05/25/12											0.03	0.03
05/26/12											0.00	0.00
05/27/12								0			0.00	0.00
05/28/12											0.00	0.00
05/29/12											0.00	0.00
05/30/12											0.37	0.05
05/31/12											0.16	0.15

FN
1 - (U) Indicates compound analyzed for but not detected
2 - Estimated flow observed at the 119W Oil/Water Separator (OWS) inlet pipe
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	05/01/2012	**TO**	05/31/2012

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	0.0359	0.0359	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 MANAGER - ENVIRONMENTAL 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) 442-5902		06/20/2012
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# 01-06-02-12

Date: 6/2/12

Sampler:

Sampler: Kevin Bossonault (KB)

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: 11:50am
- Initials: KB
- Eff. Flow (gpm): 125
- pH / Temp: 7.27 C / 14.2°C
- O&G EPA 1664: 05BW-20-1X-60
- O&G EPA 1664 (A): 05BW-20-1X-60A

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# 01-6/4/12

Date: 6/4/12

Sampler: Jason Webster (JW)

Sampler: Dave Moro (DM)

64G

Time 705 AM

Initials DM

Eff. Flow (gpm) 132

O&G EPA 1664 64G-2Q3M-1X-GO

O&G EPA 1664 (A) 64G-2Q3M-1X-GOA

VOC 624 64G-2Q3M-1XGV

SVOC 625 64G-2Q3M-1XGS

005

Time 710 AM

Initials JW

005 Eff. Flow (gpm) 149

pH / Temp 7.93 14.5°C

O&G EPA 1664 005-2Q3M-1X-GO

O&G EPA 1664 (A) 005-2Q3M-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 005-2Q3M-1X-GO

O&G EPA 1664 (A) 005-2Q3M-1X-GOA

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

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# 01-06-11-12

Date: 6/11/12

Sampler: Dave Moro (DM)

Sampler: Kevin Bisbonault (KB)

64G

Time: 7^10 Am

Initials: DM

Eff. Flow (gpm): 100

O&G EPA 1664: 64G-223M-2K-GO

O&G EPA 1664 (A): 64G-223M-2K-GOA

VOC 624: 64G-223M-2K-GV

SVOC 625: 64G-223M-2K-GS

005

Time: 7:15 am

Initials: KB

005 Eff. Flow (gpm): 127 gpm

pH / Temp: 7.86 @ 14.3°C

O&G EPA 1664: 005-223M-2K-GO

O&G EPA 1664 (A): 005-223M-2K-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: 10^00 Am

Initials: DM

Eff. Flow (gpm): 0.2

pH / Temp: 7.44 @ 11.3°C

O&G EPA 1664: 006D-223M-1K-GO

O&G EPA 1664 (A): 006D-223M-1K-GOA

(Dry)VOC-624: 006D-223M-1K-GV

(Dry)SVOC-625: 006D-223M-1K-GS

009 Wet/Dry

Time: 9^50 Am

Initials: DM

Eff. Flow (gpm): 0.1

pH / Temp: 7.21 @ 15.3°C

O&G EPA 1664: 009D-223M-1K-GO

O&G EPA 1664 (A): 009D-223M-1K-GOA

09B

Time:

Initials:

Eff. Flow (gpm):

pH / Temp:

O&G EPA 1664:

O&G EPA 1664 (A):

64T Dry

Time: 8^35 Am

Initials: DM

Eff. Flow(gpm): 150

pH/Temp: 7.36 @ 17.0°C

O&G EPA 1664: 64TD-223M-1K-GO

O&G EPA 1664 (A): 64TD-223M-1K-GOA

Comments:

GE CEP Internal Chain of Custody Form

Pittsfield, MA — Grab Samples

NPDES Permit Number: MA0003891

COC# 01-06-18-12

Date: 6/18/12

Sampler: Kevin Bousquet (KB)

Sampler: SEAN COYLE SC

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

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: 8:05

Initials: KB, SC

Eff. Flow (gpm): ~~0.01~~ 0.1

pH / Temp: 7.02 @ 14.4°C

O&G EPA 1664: 009D-2223M-2x-GO

O&G EPA 1664 (A): 009D-2223M-2x-GOA

09B

Time

Initials

Eff. Flow (gpm)

pH / Temp

O&G EPA 1664

O&G EPA 1664 (A)

64T Dry

Time: 10:45am

Initials: KB

Eff. Flow(gpm): 150

pH/Temp: 7.34 @ 18°C

O&G EPA 1664: 64TD-2223M-2x-GO

O&G EPA 1664 (A): 64TD-2223M-2x-GOA

Comments:

GE CEP Internal Chain of Custody Form

Pittsfield, MA — Grab Samples

NPDES Permit Number: MA0003891

COC# 01-06-24-12 Date: 6/24/12 Sampler: Dave Maro (DM) 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
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 6:00 pm
Initials DM
Eff. Flow (gpm) 3.0
pH / Temp 7.37 @ 21.5°C
O&G EPA 1664 0060-203M-2K-GO
O&G EPA 1664 (A) 0060-203M-2K-GOA
(Dry)VOC-624 0060-203M-2K-GV
(Dry)SVOC-625 0060-203M-2K-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: