



GE Global Operations - EHS

159 Plastics Avenue
Pittsfield, MA 01201

February 26, 2015

U.S Environmental Protection Agency
Water Enforcement
OES4-SMR
5 Post Office Square, Suite 100
Boston, MA 02109-3912

Massachusetts Department of Environmental Protection
Division of Watershed Management
Surface Water Discharge Permit Program
627 Main Street, 2nd Floor
Worcester, MA 01608

Massachusetts Department of Environmental Protection
Western Regional Office – Bureau of Resource Protection
436 Dwight Street
Springfield, MA 01103

Permit Number: **MA0003891**

Dear Sir or Madam et al:

The January 2015 Discharge Monitoring Reports and list of comments are enclosed.
There were no exceedances during this month.

Yours truly,

A handwritten signature in blue ink that reads "Andrew T. Silfer".

Andrew T. Silfer P.E.
Leader, Housatonic/Pittsfield

cc: M. Calacone, GE
S. Coyle, Veolia Water
E. Cullen, GE CSSO (cover only)

January 2015 DMR Comments

1. Rule for Associating Flow/Precipitation Data with Sample Date.

A typical NPDES Sampling Day is defined as the 24-hour period starting at 7 AM on the first day and ending at 7 AM the following day. The date associated with this time period is the date of the following day. For example, 4/3/09 7:00 AM – starts the time period and 4/4/09 7:00AM ends the 24-hour period; the associated date for this 24-hour day is 4/4/09. Because of this definition, all grab samples and composite samples taken between 7:00 AM and 12:00 Midnight will have its associated flow or precipitation reported on the following day. Grab samples and composite samples taken between 12:00 Midnight and 7:00AM will have the same date as its associated flow and/or precipitation.

2. Reports attached to DMRs

As required by the NPDES Permit, the January 2015 VOC/SVOC analytical results are attached to the 64G-A DMR.

As required by the NPDES Permit, the January 2015 VOC/SVOC analytical results are attached to the D006-A DMR.

In accordance with Part I.C.2.b of the NPDES Permit and Section 4.1.3 of GE's Stormwater Pollution Prevention Plan, the analytical results for wet weather samples collected in January 2015 at the YD13 outfall is attached to this DMR.

3. Explanation of NODI Codes Entered on DMRs

W005-A, W05A-A, W006-A, 09B-A and W009-A

NODI(9) codes were entered where pH, analytical results (mg/L and/or ug/L), and the associated loadings are not required to be reported in the January 2015 Report.

D05A-A, W06A-A, W05B-A, D009-A

There were no discharges during January 2015; therefore a 'C' was entered into the No Discharge box, and "No Discharge" was written in the Comments section on the associated DMR Forms per 2015 DMR Report Forms Instructions.

SUMMARY OF 2015 YD13 OUTFALL WET WEATHER SAMPLING ACTIVITIES

GENERAL ELECTRIC COMPANY

PITTSFIELD, MASSACHUSETTS

In accordance with Part I.C.b of the NPDES Permit Modification (the Permit), GE performed wet weather sample activities at Outfall YD13. A 24-hour dry weather period as defined in the Permit was confirmed prior to initiating sample activities. The sample was collected as a storm duration flow composite sample (3 hour duration), and was analyzed for oil and grease (O&G), polychlorinated biphenyls (PCBs), total suspended solids (TSS), and zinc. Sample collection activities were initiated within the first 30 minutes of discharge. In addition, average and peak flow was recorded during the sampling period. A summary of the stormwater flow and analytical data results for the sample collected at Outfall YD13 has been provided in Table 1, below.

Table 1: Flow Monitoring and Sample Analytical Results

Outfall ID	Date of Sample Collection	Approximate Duration of Sampling Period	Flow Rate (gpm)		Sample Results			
			Peak	Average	PCB ($\mu\text{g/L}$)	O&G (mg/L)	TSS (mg/L)	Zinc ($\mu\text{g/L}$)
YD13	1/18/2015	3 hours	182.8	85.5	0.00768J	ND[4.1]	2.60	ND[20.0]

Notes:

1. Modified Method 8082 was used to make every effort to achieve a PCB minimum detection level (MDL) of 0.014 $\mu\text{g/L}$.
2. All individual Aroclor sample results achieved an MDL of 0.014 $\mu\text{g/L}$ using the Modified Method 8082.
3. ND – Analyte was not detected. The number in brackets is the associated detection limit.
4. J – Indicates an estimated value less than the practical quantization limit (PQL) - SGS Environmental Services, Inc.

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

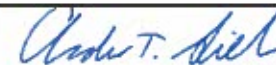
MA0003891	64G-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
01/01/2015	01/31/2015

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

No Discharge

ATTN: Andrew T. Silfer, Exec Mgr. En

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	*****	*****	*****	6.90	*****	7.20	SU	0	WEEKLY	RECORD
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM	SU		Twice per 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 per 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 per 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 per Month	COMP24
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.1479	0.1804	MGD	*****	*****	*****	*****	0	CONT	RECORD
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	MGD	*****	*****	*****	*****		Continuous	Recorder (auto)
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 per Month	GRAB
Volatile fraction organics [EPA 624]	SAMPLE MEASUREMENT	*****	*****	*****	1.360	*****	1.440	ug/L	0	2/MO	GRAB
78733 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	ug/L		Twice per Month	GRAB

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

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: Andrew T. Silfer, Exec Mgr, En

MA0003891	64G-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
01/01/2015	01/31/2015

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	0.1676	0.1754	MGD	*****	*****	*****	*****	0	CONT	Recorder
82220 10 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	MGD	*****	*****	*****	*****		Continuous	Recorder (auto)

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
Andrew T. Silfer, PE Exec. Mgr, Env. Remediation TYPED OR PRINTED			(413) 448-5902	2/26/2015
			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
01/01/15													0.1804	0.00	0.00
01/02/15													0.1695	0.00	0.00
01/03/15	7.10	7.20											0.1431	0.00	0.00
01/04/15													0.1658	0.79	0.13
01/05/15			U4.20	1,G	U1.00	1,C	0	C	1.440	G	0	G	0.1754	0.34	0.11
01/06/15													0.1723	0.00	0.00
01/07/15													0.1773	0.00	0.00
01/08/15													0.1780	0.00	0.00
01/09/15													0.1727	0.05	0.03
01/10/15	7.00	7.10											0.1357	0.01	0.01
01/11/15													0.1532	0.00	0.00
01/12/15			U4.00	1,G	U1.00	1,C	0	C	1.280	G	0	G	0.1598	0.17	0.08
01/13/15													0.1546	0.27	0.07
01/14/15													0.1375	0.00	0.00
01/15/15													0.1426	0.00	0.00
01/16/15													0.1257	0.00	0.00
01/17/15	6.90	7.20											0.1076	0.00	0.00
01/18/15													0.0927	0.00	0.00
01/19/15													0.1228	1.30	0.22
01/20/15													0.1229	0.00	0.00
01/21/15													0.1529	0.00	0.00
01/22/15													0.1797	0.00	0.00
01/23/15													0.1730	0.00	0.00
01/24/15	6.90	7.20											0.1540	0.06	0.04
01/25/15													0.1231	0.10	0.03
01/26/15													0.0852	0.01	0.01
01/27/15													0.1479	0.09	0.04
01/28/15													0.1389	0.07	0.03
01/29/15													0.1529	0.00	0.00
01/30/15													0.1536	0.08	0.02
01/31/15	6.90	7.20											0.1330	0.04	0.01

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



ALS Environmental
ALS Group USA, Corp
1565 Jefferson Rd, Building 300, Suite 360
Rochester, NY 14623
T: 585-288-5380
F: 585-288-8475
www.alsglobal.com

January 12, 2015

Analytical Report for Service Request No: R1500038

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 January 6, 2015. For your reference, these analyses have been assigned our service request number **R1500038**.

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 ALS Environmental is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7473. You may also contact me via email at Deb.Patton@alsglobal.com.

Respectfully submitted,

ALS Group USA Corp. dba ALS Environmental

Deb Patton
Project Manager

Page 1 of 26

ALS ENVIRONMENTAL

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

Service Request No.: R1500038
Date Received: 1/6/15

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. 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 ALS Environmental on 1/6/15. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were received within the 0-6°C temperature guidelines. The samples were stored in a refrigerator between 1°C and 6°C upon receipt at the laboratory.

Volatile Organics

All samples were analyzed within the 3 day holding time for Acrolein.

All surrogate standard recoveries were within acceptance limits for the samples.

The Method Blank contained a low level hit of Acrolein between the Minimum Detection Limit (MDL) and the Method Reporting Limit (MRL) and is flagged as "J", estimated. No data was affected.

The Laboratory Control Sample (LCS) was outside of the control limits for Acrolein and has been flagged with a "**". The high bias allows for appropriate sensitivity. There were not hits for this compound and no data was affected.

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

Extractable Organics

The initial and continuing calibration criteria were met.

Surrogate standard recoveries were within acceptance limits for the samples.

The Method Blank was free of contamination.

The Laboratory Control Sample (LCS) and Duplicate Laboratory Control Sample (LCSD) for Benzidine were outside of the control limits and have been flagged with a "**". There were no hits in the sample for these compounds and no data was affected. There may be a low bias for this compound.

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

CASE NARRATIVE

This report contains analytical results for the following samples:
Service Request Number: R1500038

<u>Lab ID</u>	<u>Client ID</u>
R1500038-001	64G-1Q1M-1X-GV
R1500038-002	64G-1Q1M-1X-GS
R1500038-003	TRIP BLANK

00003

REPORT QUALIFIERS AND DEFINITIONS

- | | |
|---|--|
| <p>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.</p> <p>J Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Aroclors).</p> <p>B Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.</p> <p>E Inorganics- Concentration is estimated due to the serial dilution was outside control limits.</p> <p>E Organics- Concentration has exceeded the calibration range for that specific analysis.</p> <p>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.</p> <p>* 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.</p> <p>H Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.</p> <p># Spike was diluted out.</p> | <p>+ Correlation coefficient for MSA is <0.995.</p> <p>N Inorganics- Matrix spike recovery was outside laboratory limits.</p> <p>N Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.</p> <p>S Concentration has been determined using Method of Standard Additions (MSA).</p> <p>W Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.</p> <p>P Concentration >40% (25% for CLP) difference between the two GC columns.</p> <p>C Confirmed by GC/MS</p> <p>Q DoD reports: indicates a pesticide/Aroclor is not confirmed ($\geq 100\%$ Difference between two GC columns).</p> <p>X See Case Narrative for discussion.</p> <p>MRL Method Reporting Limit. Also known as:</p> <p>LOQ Limit of Quantitation (LOQ)
The lowest concentration at which the method analyte may be reliably quantified under the method conditions.</p> <p>MDL Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).</p> <p>LOD Limit of Detection. A value at or above the MDL which has been verified to be detectable.</p> <p>ND Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.</p> |
|---|--|

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

ALS ENVIRONMENTAL ROCHESTER
1565 JEFFERSON RD
BUILDING 300, SUITE 360
ROCHESTER, NY 14623-0000

Laboratory Director: LARRY LEWIS

for the analysis of NON POTABLE WATER (CHEMISTRY)

pursuant to 310 CMR 42.00

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

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

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



Director, Division of Environmental Analysis

Issued: 01 JUL 2014

Expires: 30 JUN 2015

**COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

Certified Parameter List as of: 01 JUL 2014

M-NY032 **ALS ENVIRONMENTAL ROCHESTER
ROCHESTER NY**

NON POTABLE WATER (CHEMISTRY) **Effective Date 01 JUL 2014** **Expiration Date 30 JUN 2015**

<u>Analytes</u>	<u>Effective Date</u>	<u>Expiration Date</u>	<u>Methods</u>
ALUMINUM			EPA 200.7
ANTIMONY			EPA 200.7
ANTIMONY			EPA 200.8
ARSENIC			EPA 200.7
ARSENIC			EPA 200.8
BERYLLIUM			EPA 200.7
BERYLLIUM			EPA 200.8
CADMIUM			EPA 200.7
CADMIUM			EPA 200.8
CHROMIUM			EPA 200.7
CHROMIUM			EPA 200.8
COBALT			EPA 200.7
COBALT			EPA 200.8
COPPER			EPA 200.7
COPPER			EPA 200.8
IRON			EPA 200.7
LEAD			EPA 200.7
LEAD			EPA 200.8
MANGANESE			EPA 200.7
MANGANESE			EPA 200.8
MERCURY			EPA 245.1
MOLYBDENUM			EPA 200.7
MOLYBDENUM			EPA 200.8
NICKEL			EPA 200.7
NICKEL			EPA 200.8
SELENIUM			EPA 200.7
SELENIUM			EPA 200.8
SILVER			EPA 200.7
SILVER			EPA 200.8
THALLIUM			EPA 200.7
THALLIUM			EPA 200.8
VANADIUM			EPA 200.7
VANADIUM			EPA 200.8
ZINC			EPA 200.7
ZINC			EPA 200.8
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
ALKALINITY, TOTAL			SM 2320B

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 01 JUL 2014

M-NY032

ALS ENVIRONMENTAL ROCHESTER
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY)

Effective
Date

01 JUL 2014

Expiration
Date 30 JUN 2015

Analytes

Methods

CHLORIDE	SM 4600-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 6310C
CYANIDE, TOTAL	EPA 335.4
NON-FILTERABLE RESIDUE	SM 2540D
OIL AND GREASE	EPA 1664
PHENOLICS, TOTAL	EPA 420.4
VOLATILE HALOCARBONS	EPA 801
VOLATILE HALOCARBONS	EPA 824
VOLATILE AROMATICS	EPA 802
VOLATILE AROMATICS	EPA 824
SVOC-ACID EXTRACTABLES	EPA 625
SVOC-BASE/NEUTRAL EXTRACTABLES	EPA 625
POLYCHLORINATED BIPHENYLS (WATER)	EPA 608

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500038
 Date Collected: 1/ 5/15 0745
 Date Received: 1/ 6/15
 Date Analyzed: 1/6/15 14:34

Sample Name: 64G-1Q1M-1X-GV
 Lab Code: R1500038-001

Units: µg/L
 Basis: NA

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

Analytical Method: 624
 Data File Name: I:\ACQU\DATA\MSVOA6\DATA\010615\L9719.D\

Analysis Lot: 428139
 Instrument Name: R-MS-06
 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	0.13	
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.23	
79-00-5	1,1,2-Trichloroethane	1.0 U	1.0	0.12	
75-34-3	1,1-Dichloroethane (1,1-DCA)	0.44 J	1.0	0.10	
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.22	
95-50-1	1,2-Dichlorobenzene	1.0 U	1.0	0.10	
107-06-2	1,2-Dichloroethane	1.0 U	1.0	0.18	
78-87-5	1,2-Dichloropropane	1.0 U	1.0	0.15	
541-73-1	1,3-Dichlorobenzene	1.0 U	1.0	0.10	
106-46-7	1,4-Dichlorobenzene	1.0 U	1.0	0.15	
110-75-8	2-Chloroethyl Vinyl Ether	10 U	10	0.64	
107-02-8	Acrolein	10 U	10	0.73	
107-13-1	Acrylonitrile	10 U	10	0.37	
71-43-2	Benzene	1.0 U	1.0	0.10	
75-27-4	Bromodichloromethane	1.0 U	1.0	0.15	
75-25-2	Bromoform	1.0 U	1.0	0.16	
74-83-9	Bromomethane	1.0 U	1.0	0.12	
56-23-5	Carbon Tetrachloride	1.0 U	1.0	0.10	
108-90-7	Chlorobenzene	1.0 U	1.0	0.13	
75-00-3	Chloroethane	0.86 J	1.0	0.15	
67-66-3	Chloroform	1.0 U	1.0	0.13	
74-87-3	Chloromethane	1.0 U	1.0	0.16	
124-48-1	Chlorodibromomethane	1.0 U	1.0	0.15	
75-71-8	Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.17	
75-09-2	Methylene Chloride	1.0 U	1.0	0.18	
100-41-4	Ethylbenzene	1.0 U	1.0	0.19	
127-18-4	Tetrachloroethene (PCE)	1.0 U	1.0	0.20	
108-88-3	Toluene	1.0 U	1.0	0.10	
79-01-6	Trichloroethene (TCE)	1.0 U	1.0	0.15	
75-69-4	Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.13	
75-01-4	Vinyl Chloride	0.14 J	1.0	0.14	
10061-01-5	cis-1,3-Dichloropropene	1.0 U	1.0	0.14	
156-60-5	trans-1,2-Dichloroethene	1.0 U	1.0	0.15	
10061-02-6	trans-1,3-Dichloropropene	1.0 U	1.0	0.10	

Analytical Report

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

Service Request: R1500038
 Date Collected: 1/ 5/15 0745
 Date Received: 1/ 6/15
 Date Analyzed: 1/6/15 14:34

Sample Name: 64G-1Q1M-1X-GV
 Lab Code: R1500038-001

Units: µg/L
 Basis: NA

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

Analytical Method: 624
 Data File Name: I:\ACQUDATA\MSVOA6\DATA\010615\L9719.D\

Analysis Lot: 428139
 Instrument Name: R-MS-06
 Dilution Factor: 1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	106	81-127	1/6/15 14:34	
4-Bromofluorobenzene	98	79-123	1/6/15 14:34	
Toluene-d8	99	83-120	1/6/15 14:34	

Analytical Report

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

Service Request: R1500038
Date Collected: 1/5/15
Date Received: 1/6/15
Date Analyzed: 1/6/15 1434

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

Sample Name: 64G-1Q1M-1X-GV
Lab Code: R1500038-001

Units: µg/L
Basis: NA

Analytical Method: 624

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

Comments: _____

Analytical Report

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

Service Request: R1500038
 Date Collected: 1/ 5/15 0745
 Date Received: 1/ 6/15
 Date Extracted: 1/7/15
 Date Analyzed: 1/8/15 20:33

Sample Name: 64G-1Q1M-1X-GS
 Lab Code: R1500038-002

Units: µg/L
 Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
 Prep Method: EPA 3510C
 Data File Name: I:\ACQUDATA\5973D\Data\010815\BA612.D

Analysis Lot: 428586
 Extraction Lot: 226854
 Instrument Name: R-MS-54
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
120-82-1	1,2,4-Trichlorobenzene	5.0 U	5.0	1.0	
122-66-7	1,2-Diphenylhydrazine	5.0 U	5.0	1.0	
88-06-2	2,4,6-Trichlorophenol	5.0 U	5.0	1.4	
120-83-2	2,4-Dichlorophenol	5.0 U	5.0	1.3	
105-67-9	2,4-Dimethylphenol	5.0 U	5.0	1.5	
51-28-5	2,4-Dinitrophenol	50 U	50	20	
121-14-2	2,4-Dinitrotoluene	5.0 U	5.0	1.6	
606-20-2	2,6-Dinitrotoluene	5.0 U	5.0	1.8	
91-58-7	2-Chloronaphthalene	5.0 U	5.0	1.0	
95-57-8	2-Chlorophenol	5.0 U	5.0	1.0	
88-75-5	2-Nitrophenol	5.0 U	5.0	1.4	
91-94-1	3,3'-Dichlorobenzidine	5.0 U	5.0	4.5	
534-52-1	4,6-Dinitro-o-cresol	50 U	50	11	
101-55-3	4-Bromophenyl Phenyl Ether	5.0 U	5.0	2.2	
59-50-7	4-Chloro-m-cresol	5.0 U	5.0	1.2	
7005-72-3	4-Chlorophenyl Phenyl Ether	5.0 U	5.0	1.2	
100-02-7	4-Nitrophenol	50 U	50	5.9	
83-32-9	Acenaphthene	5.0 U	5.0	1.0	
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	90	
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	1.0	
108-60-1	Bis(1-chloroisopropyl) Ether	5.0 U	5.0	1.0	
111-91-1	Bis(2-chloroethoxy)methane	5.0 U	5.0	2.2	
111-44-4	Bis(2-chloroethyl) Ether	5.0 U	5.0	1.3	
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	2.4	
218-01-9	Chrysene	5.0 U	5.0	1.0	
84-74-2	Di-n-butyl Phthalate	5.0 U	5.0	1.0	

Analytical Report

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

Service Request: R1500038
 Date Collected: 1/5/15 0745
 Date Received: 1/6/15
 Date Extracted: 1/7/15
 Date Analyzed: 1/8/15 20:33

Sample Name: 64G-1Q1M-1X-GS
 Lab Code: R1500038-002

Units: µg/L
 Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
 Prep Method: EPA 3510C
 Data File Name: I:\ACQUDATA\5973D\Data\010815\BA612.D\

Analysis Lot: 428586
 Extraction Lot: 226854
 Instrument Name: R-MS-54
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
117-84-0	Di-n-octyl Phthalate	5.0 U	5.0	1.2	
53-70-3	Dibenz(a,h)anthracene	5.0 U	5.0	1.3	
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	1.0	
118-74-1	Hexachlorobenzene	5.0 U	5.0	1.0	
87-68-3	Hexachlorobutadiene	5.0 U	5.0	1.3	
77-47-4	Hexachlorocyclopentadiene	5.0 U	5.0	1.0	
67-72-1	Hexachloroethane	5.0 U	5.0	1.2	
193-39-5	Indeno(1,2,3-cd)pyrene	5.0 U	5.0	1.2	
78-59-1	Isophorone	5.0 U	5.0	1.0	
621-64-7	N-Nitrosodi-n-propylamine	5.0 U	5.0	1.3	
62-75-9	N-Nitrosodimethylamine	5.0 U	5.0	1.0	
86-30-6	N-Nitrosodiphenylamine	5.0 U	5.0	1.0	
91-20-3	Naphthalene	5.0 U	5.0	1.0	
98-95-3	Nitrobenzene	5.0 U	5.0	1.6	
87-86-5	Pentachlorophenol (PCP)	50 U	50	6.9	
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	109	28-157	1/8/15 20:33	
2-Fluorobiphenyl	94	39-119	1/8/15 20:33	
2-Fluorophenol	52	10-105	1/8/15 20:33	
Nitrobenzene-d5	93	37-117	1/8/15 20:33	
Phenol-d6	32	10-107	1/8/15 20:33	
p-Terphenyl-d14	107	40-133	1/8/15 20:33	

Analytical Report

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

Service Request: R1500038
 Date Collected: 1/ 5/15 0750
 Date Received: 1/ 6/15
 Date Analyzed: 1/6/15 14:01

Sample Name: TRIP BLANK
 Lab Code: R1500038-003

Units: µg/L
 Basis: NA

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

Analytical Method: 624
 Data File Name: I:\ACQUATA\MSVOA6\DATA\010615\L9718.D\

Analysis Lot: 428139
 Instrument Name: R-MS-06
 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	0.13	
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.23	
79-00-5	1,1,2-Trichloroethane	1.0 U	1.0	0.12	
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	0.10	
107-06-2	1,2-Dichloroethane	1.0 U	1.0	0.18	
78-87-5	1,2-Dichloropropane	1.0 U	1.0	0.15	
541-73-1	1,3-Dichlorobenzene	1.0 U	1.0	0.10	
106-46-7	1,4-Dichlorobenzene	1.0 U	1.0	0.15	
110-75-8	2-Chloroethyl Vinyl Ether	10 U	10	0.64	
107-02-8	Acrolein	10 U	10	0.73	
107-13-1	Acrylonitrile	10 U	10	0.37	
71-43-2	Benzene	1.0 U	1.0	0.10	
75-27-4	Bromodichloromethane	1.0 U	1.0	0.15	
75-25-2	Bromoform	1.0 U	1.0	0.16	
74-83-9	Bromomethane	1.0 U	1.0	0.12	
56-23-5	Carbon Tetrachloride	1.0 U	1.0	0.10	
108-90-7	Chlorobenzene	1.0 U	1.0	0.13	
75-00-3	Chloroethane	1.0 U	1.0	0.15	
67-66-3	Chloroform	1.0 U	1.0	0.13	
74-87-3	Chloromethane	1.0 U	1.0	0.16	
124-48-1	Chlorodibromomethane	1.0 U	1.0	0.15	
75-71-8	Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.17	
75-09-2	Methylene Chloride	0.23 J	1.0	0.18	
100-41-4	Ethylbenzene	1.0 U	1.0	0.19	
127-18-4	Tetrachloroethene (PCE)	1.0 U	1.0	0.20	
108-88-3	Toluene	1.0 U	1.0	0.10	
79-01-6	Trichloroethene (TCE)	1.0 U	1.0	0.15	
75-69-4	Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.13	
75-01-4	Vinyl Chloride	1.0 U	1.0	0.14	
10061-01-5	cis-1,3-Dichloropropene	1.0 U	1.0	0.14	
156-60-5	trans-1,2-Dichloroethene	1.0 U	1.0	0.15	
10061-02-6	trans-1,3-Dichloropropene	1.0 U	1.0	0.10	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500038
 Date Collected: 1/ 5/15 0750
 Date Received: 1/ 6/15
 Date Analyzed: 1/6/15 14:01

Sample Name: TRIP BLANK
 Lab Code: R1500038-003

Units: µg/L
 Basis: NA

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

Analytical Method: 624
 Data File Name: I:\ACQUDATA\MSVOA6\DATA\010615\L9718.D\

Analysis Lot: 428139
 Instrument Name: R-MS-06
 Dilution Factor: 1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	101	81-127	1/6/15 14:01	
4-Bromofluorobenzene	101	79-123	1/6/15 14:01	
Toluene-d8	99	83-120	1/6/15 14:01	

Analytical Report

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

Service Request: R1500038
Date Collected: 1/5/15
Date Received: 1/6/15
Date Analyzed: 1/6/15 1401

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

Sample Name: TRIP BLANK
Lab Code: R1500038-003

Units: µg/L
Basis: NA

Analytical Method: 624

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

Comments: _____

Analytical Report

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

Service Request: R1500038
 Date Collected: NA
 Date Received: NA
 Date Analyzed: 1/6/15 12:14

Sample Name: Method Blank
 Lab Code: RQ1500274-04

Units: µg/L
 Basis: NA

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

Analytical Method: 624
 Data File Name: I:\ACQUATA\MSVOA6\DATA\010615\L9715.D\

Analysis Lot: 428139
 Instrument Name: R-MS-06
 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	0.13	
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.23	
79-00-5	1,1,2-Trichloroethane	1.0 U	1.0	0.12	
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	0.10	
107-06-2	1,2-Dichloroethane	1.0 U	1.0	0.18	
78-87-5	1,2-Dichloropropane	1.0 U	1.0	0.15	
541-73-1	1,3-Dichlorobenzene	1.0 U	1.0	0.10	
106-46-7	1,4-Dichlorobenzene	1.0 U	1.0	0.15	
110-75-8	2-Chloroethyl Vinyl Ether	10 U	10	0.64	
107-02-8	Acrolein	1.7 J	10	0.73	
107-13-1	Acrylonitrile	10 U	10	0.37	
71-43-2	Benzene	1.0 U	1.0	0.10	
75-27-4	Bromodichloromethane	1.0 U	1.0	0.15	
75-25-2	Bromoform	1.0 U	1.0	0.16	
74-83-9	Bromomethane	1.0 U	1.0	0.12	
56-23-5	Carbon Tetrachloride	1.0 U	1.0	0.10	
108-90-7	Chlorobenzene	1.0 U	1.0	0.13	
75-00-3	Chloroethane	1.0 U	1.0	0.15	
67-66-3	Chloroform	1.0 U	1.0	0.13	
74-87-3	Chloromethane	1.0 U	1.0	0.16	
124-48-1	Chlorodibromomethane	1.0 U	1.0	0.15	
75-71-8	Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.17	
75-09-2	Methylene Chloride	1.0 U	1.0	0.18	
100-41-4	Ethylbenzene	1.0 U	1.0	0.19	
127-18-4	Tetrachloroethene (PCE)	1.0 U	1.0	0.20	
108-88-3	Toluene	1.0 U	1.0	0.10	
79-01-6	Trichloroethene (TCE)	1.0 U	1.0	0.15	
75-69-4	Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.13	
75-01-4	Vinyl Chloride	1.0 U	1.0	0.14	
10061-01-5	cis-1,3-Dichloropropene	1.0 U	1.0	0.14	
156-60-5	trans-1,2-Dichloroethene	1.0 U	1.0	0.15	
10061-02-6	trans-1,3-Dichloropropene	1.0 U	1.0	0.10	

Analytical Report

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

Service Request: R1500038
 Date Collected: NA
 Date Received: NA
 Date Analyzed: 1/6/15 12:14

Sample Name: Method Blank
 Lab Code: RQ1500274-04

Units: µg/L
 Basis: NA

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

Analytical Method: 624
 Data File Name: I:\ACQUDATA\MSVOA6\DATA\010615\L9715.D\

Analysis Lot: 428139
 Instrument Name: R-MS-06
 Dilution Factor: 1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	104	81-127	1/6/15 12:14	
4-Bromofluorobenzene	99	79-123	1/6/15 12:14	
Toluene-d8	99	83-120	1/6/15 12:14	

Analytical Report

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

Service Request: R1500038
Date Collected: NA
Date Received: NA
Date Analyzed: 1/6/15 1214

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

Sample Name: Method Blank
Lab Code: RQ1500274-04

Units: µg/L
Basis: NA

Analytical Method: 624

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

Comments: _____

Analytical Report

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

Service Request: R1500038
 Date Collected: NA
 Date Received: NA
 Date Extracted: 1/7/15
 Date Analyzed: 1/8/15 14:07

Sample Name: Method Blank
 Lab Code: RQ1500174-01

Units: µg/L
 Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
 Prep Method: EPA 3510C
 Data File Name: I:\ACQUDATA\5973D\Data\010815\BA597.D\

Analysis Lot: 428586
 Extraction Lot: 226854
 Instrument Name: R-MS-54
 Dilution Factor: 1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	1.0	
122-66-7	1,2-Diphenylhydrazine	5.0	U	5.0	1.0	
88-06-2	2,4,6-Trichlorophenol	5.0	U	5.0	1.4	
120-83-2	2,4-Dichlorophenol	5.0	U	5.0	1.3	
105-67-9	2,4-Dimethylphenol	5.0	U	5.0	1.5	
51-28-5	2,4-Dinitrophenol	50	U	50	20	
121-14-2	2,4-Dinitrotoluene	5.0	U	5.0	1.6	
606-20-2	2,6-Dinitrotoluene	5.0	U	5.0	1.8	
91-58-7	2-Chloronaphthalene	5.0	U	5.0	1.0	
95-57-8	2-Chlorophenol	5.0	U	5.0	1.0	
88-75-5	2-Nitrophenol	5.0	U	5.0	1.4	
91-94-1	3,3'-Dichlorobenzidine	5.0	U	5.0	4.5	
534-52-1	4,6-Dinitro-o-cresol	50	U	50	11	
101-55-3	4-Bromophenyl Phenyl Ether	5.0	U	5.0	2.2	
59-50-7	4-Chloro-m-cresol	5.0	U	5.0	1.2	
7005-72-3	4-Chlorophenyl Phenyl Ether	5.0	U	5.0	1.2	
100-02-7	4-Nitrophenol	50	U	50	5.9	
83-32-9	Acenaphthene	5.0	U	5.0	1.0	
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	90	
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	1.0	
108-60-1	Bis(1-chloroisopropyl) Ether	5.0	U	5.0	1.0	
111-91-1	Bis(2-chloroethoxy)methane	5.0	U	5.0	2.2	
111-44-4	Bis(2-chloroethyl) Ether	5.0	U	5.0	1.3	
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	2.4	
218-01-9	Chrysene	5.0	U	5.0	1.0	
84-74-2	Di-n-butyl Phthalate	5.0	U	5.0	1.0	

Analytical Report

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

Service Request: R1500038
 Date Collected: NA
 Date Received: NA
 Date Extracted: 1/7/15
 Date Analyzed: 1/8/15 14:07

Sample Name: Method Blank
 Lab Code: RQ1500174-01

Units: µg/L
 Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
 Prep Method: EPA 3510C
 Data File Name: I:\ACQUATA\5973D\Data\010815\BA597.D\

Analysis Lot: 428586
 Extraction Lot: 226854
 Instrument Name: R-MS-54
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
117-84-0	Di-n-octyl Phthalate	5.0 U	5.0	1.2	
53-70-3	Dibenz(a,h)anthracene	5.0 U	5.0	1.3	
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	1.0	
118-74-1	Hexachlorobenzene	5.0 U	5.0	1.0	
87-68-3	Hexachlorobutadiene	5.0 U	5.0	1.3	
77-47-4	Hexachlorocyclopentadiene	5.0 U	5.0	1.0	
67-72-1	Hexachloroethane	5.0 U	5.0	1.2	
193-39-5	Indeno(1,2,3-cd)pyrene	5.0 U	5.0	1.2	
78-59-1	Isophorone	5.0 U	5.0	1.0	
621-64-7	N-Nitrosodi-n-propylamine	5.0 U	5.0	1.3	
62-75-9	N-Nitrosodimethylamine	5.0 U	5.0	1.0	
86-30-6	N-Nitrosodiphenylamine	5.0 U	5.0	1.0	
91-20-3	Naphthalene	5.0 U	5.0	1.0	
98-95-3	Nitrobenzene	5.0 U	5.0	1.6	
87-86-5	Pentachlorophenol (PCP)	50 U	50	6.9	
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	90	28-157	1/8/15 14:07	
2-Fluorobiphenyl	76	39-119	1/8/15 14:07	
2-Fluorophenol	43	10-105	1/8/15 14:07	
Nitrobenzene-d5	76	37-117	1/8/15 14:07	
Phenol-d6	27	10-107	1/8/15 14:07	
o-Terphenyl-d14	94	40-133	1/8/15 14:07	

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

Service Request: R1500038
 Date Analyzed: 1/6/15

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: 428139

Lab Control Sample
RQ1500274-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	18.4	20.0	92	52 - 162
1,1,2,2-Tetrachloroethane	16.5	20.0	83	46 - 157
1,1,2-Trichloroethane	17.1	20.0	86	52 - 150
1,1-Dichloroethane (1,1-DCA)	19.0	20.0	95	59 - 155
1,1-Dichloroethene (1,1-DCE)	18.5	20.0	92	10 - 234
1,2-Dichlorobenzene	18.1	20.0	91	18 - 190
1,2-Dichloroethane	18.8	20.0	94	49 - 155
1,2-Dichloropropane	17.2	20.0	86	10 - 210
1,3-Dichlorobenzene	18.4	20.0	92	59 - 156
1,4-Dichlorobenzene	18.3	20.0	92	18 - 190
2-Chloroethyl Vinyl Ether	25.2	20.0	126	10 - 305
Acrolein	297	100	297 *	10 - 186
Acrylonitrile	92.4	100	92	84 - 128
Benzene	18.4	20.0	92	37 - 151
Bromodichloromethane	17.8	20.0	89	35 - 155
Bromoform	16.3	20.0	82	45 - 169
Bromomethane	15.1	20.0	75	10 - 242
Carbon Tetrachloride	17.4	20.0	87	70 - 140
Chlorobenzene	18.3	20.0	92	37 - 160
Chloroethane	18.6	20.0	93	14 - 230
Chloroform	20.1	20.0	100	51 - 138
Chloromethane	19.9	20.0	99	10 - 273
Chlorodibromomethane	18.1	20.0	91	53 - 149
Dichlorodifluoromethane (CFC 12)	20.6	20.0	103	64 - 130
Methylene Chloride	19.3	20.0	96	10 - 221
Ethylbenzene	18.0	20.0	90	37 - 162
Tetrachloroethene (PCE)	19.0	20.0	95	64 - 148
Toluene	18.0	20.0	90	47 - 150
Trichloroethene (TCE)	18.1	20.0	90	71 - 157
Trichlorofluoromethane (CFC 11)	20.1	20.0	100	17 - 181
Vinyl Chloride	20.1	20.0	101	10 - 251
cis-1,3-Dichloropropene	17.3	20.0	87	10 - 227
trans-1,2-Dichloroethene	19.8	20.0	99	54 - 156

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: R1500038
 Date Analyzed: 1/6/15

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: 428139

Analyte Name	Lab Control Sample RQ1500274-03			% Rec Limits
	Result	Spike Amount	% Rec	
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.

88822

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

Service Request: R1500038
 Date Analyzed: 1/8/15

Lab Control Sample Summary
 Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
 Prep Method: EPA 3510C

Units: µg/L
 Basis: NA

Extraction Lot: 226854

Analyte Name	Lab Control Sample RQ1500174-02			Duplicate Lab Control Sample RQ1500174-03			% Rec Limits	RPD	RPD Limit
	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
1,2,4-Trichlorobenzene	69.8	100	70	73.0	100	73	29 - 85	4	30
1,2-Diphenylhydrazine	100	100	100	105	100	105	57 - 117	5	30
2,4,6-Trichlorophenol	99.0	100	99	102	100	102	37 - 144	3	30
2,4-Dichlorophenol	94.4	100	94	95.3	100	95	39 - 135	<1	30
2,4-Dimethylphenol	93.0	100	93	96.8	100	97	32 - 119	4	30
2,4-Dinitrophenol	96.0	100	96	109	100	109	10 - 191	12	30
2,4-Dinitrotoluene	92.3	100	92	99.6	100	100	39 - 139	8	30
2,6-Dinitrotoluene	98.8	100	99	99.9	100	100	50 - 158	1	30
2-Chloronaphthalene	85.2	100	85	91.5	100	91	60 - 118	7	30
2-Chlorophenol	82.1	100	82	86.8	100	87	23 - 134	6	30
2-Nitrophenol	90.3	100	90	92.2	100	92	29 - 182	2	30
3,3'-Dichlorobenzidine	97.5	100	98	110	100	110	10 - 262	12	30
4,6-Dinitro-o-cresol	101	100	101	102	100	102	10 - 181	<1	30
4-Bromophenyl Phenyl Ether	96.3	100	96	98.8	100	99	53 - 127	3	30
4-Chloro-m-cresol	97.6	100	98	99.3	100	99	22 - 147	2	30
4-Chlorophenyl Phenyl Ether	93.0	100	93	97.9	100	98	25 - 158	5	30
4-Nitrophenol	59.3	100	59	63.4	100	63	10 - 132	7	30
Acenaphthene	90.6	100	91	95.5	100	95	47 - 145	5	30
Acenaphthylene	92.0	100	92	96.4	100	96	33 - 145	5	30
Anthracene	97.0	100	97	98.8	100	99	27 - 133	2	30
Benz(a)anthracene	99.8	100	100	105	100	105	33 - 143	5	30
Benzidine	100 U	5000	0 *	100 U	5000	0 *	10 - 169	NC	30
Benzo(a)pyrene	99.5	100	99	104	100	104	17 - 163	4	30
3,4-Benzofluoranthene	97.0	100	97	100	100	100	24 - 159	3	30
Benzo(g,h,i)perylene	104	100	104	109	100	109	10 - 219	4	30
Benzo(k)fluoranthene	92.9	100	93	94.7	100	95	11 - 162	2	30
Bis(1-chloroisopropyl) Ether	90.1	100	90	95.8	100	96	36 - 166	6	30
Bis(2-chloroethoxy)methane	93.9	100	94	97.3	100	97	33 - 184	4	30
Bis(2-chloroethyl) Ether	77.7	100	78	80.7	100	81	12 - 158	4	30
Bis(2-ethylhexyl) Phthalate	110	100	110	112	100	112	10 - 158	2	30
Butyl Benzyl Phthalate	108	100	108	110	100	110	10 - 152	2	30
Chrysene	100	100	100	105	100	105	17 - 168	4	30
Di-n-butyl Phthalate	108	100	108	110	100	110	10 - 118	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.

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

Service Request: R1500038
 Date Analyzed: 1/8/15

Lab Control Sample Summary
 Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
 Prep Method: EPA 3510C

Units: µg/L
 Basis: NA

Extraction Lot: 226854

Analyte Name	Lab Control Sample RQ1500174-02			Duplicate Lab Control Sample RQ1500174-03			% Rec Limits	RPD	RPD Limit
	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
Di-n-octyl Phthalate	111	100	111	112	100	112	10 - 146	<1	30
Dibenz(a,h)anthracene	104	100	104	108	100	108	10 - 227	4	30
Diethyl Phthalate	98.2	100	98	104	100	104	10 - 114	6	30
Dimethyl Phthalate	95.0	100	95	100	100	100	10 - 112	5	30
Fluoranthene	104	100	104	106	100	106	26 - 137	2	30
Fluorene	89.6	100	90	95.4	100	95	59 - 121	6	30
Hexachlorobenzene	95.7	100	96	98.4	100	98	10 - 152	3	30
Hexachlorobutadiene	68.6	100	69	72.9	100	73	24 - 116	6	30
Hexachlorocyclopentadiene	85.2	100	85	91.0	100	91	28 - 98	7	30
Hexachloroethane	61.8	100	62	66.3	100	66	40 - 113	7	30
Indeno(1,2,3-cd)pyrene	103	100	103	106	100	106	10 - 171	4	30
Isophorone	97.3	100	97	98.8	100	99	21 - 196	2	30
N-Nitrosodi-n-propylamine	85.8	100	86	91.3	100	91	10 - 230	6	30
N-Nitrosodimethylamine	56.0	100	56	59.0	100	59	33 - 70	5	30
N-Nitrosodiphenylamine	96.9	100	97	103	100	103	50 - 117	6	30
Naphthalene	73.3	100	73	76.1	100	76	21 - 133	4	30
Nitrobenzene	92.4	100	92	93.1	100	93	35 - 180	<1	30
Pentachlorophenol (PCP)	96.1	100	96	103	100	103	14 - 176	7	30
Phenanthrene	100	100	100	102	100	102	54 - 120	2	30
Phenol	38.5	100	38	41.2	100	41	10 - 112	7	30
Pyrene	109	100	109	113	100	113	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.



ALS Environmental
ALS Group USA, Corp
1565 Jefferson Rd, Building 300, Suite 360
Rochester, NY 14623
T: 585-288-5380
F: 585-288-8475
www.alsglobal.com

January 26, 2015

Analytical Report for Service Request No: R1500260

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 January 13, 2015. For your reference, these analyses have been assigned our service request number R1500260.

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 ALS Environmental is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7473. You may also contact me via email at Deb.Patton@alsglobal.com.

Respectfully submitted,

ALS Group USA Corp. dba ALS Environmental

Deb Patton
Project Manager

Page 1 of 26

ALS Environmental

Client: General Electric
Service Request No.: R1500260
Project: GE-Pittsfield NPDES
Date Received: 1/13/15
Sample Matrix: Water
Project/Case No.:

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. 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 ALS Environmental on 1/13/15. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were received within the 0-6°C temperature guidelines. The samples were stored in a refrigerator between 1°C and 6°C upon receipt at the laboratory.

Volatile Organics

All samples were analyzed within the 3 day holding time for Acrolein.

All surrogate standard recoveries were within acceptance limits for the samples.

The Laboratory Control Sample (LCS) was outside of the control limits for Acrolein and has been flagged with a "***". The high bias allows for appropriate sensitivity. There were not hits for this compound and no data was affected.

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

Extractable Organics

The initial and continuing calibration criteria were met.

Surrogate standard recoveries were within acceptance limits for the samples.

The Method Blank was free of contamination.

The Duplicate Laboratory Control Sample (LCSD) for Benzidine was outside of the control limits and has been flagged with a "***". The Laboratory Control Limit recovered below the MRL. There were no hits in the sample for this compound but there may be a low bias.

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

Approved by Date

00002

CASE NARRATIVE

This report contains analytical results for the following samples:
Service Request Number: R1500260

<u>Lab ID</u>	<u>Client ID</u>
R1500260-001	64G-1Q1M-2X-GV
R1500260-002	64G-1Q1M-2X-GS
R1500260-003	TRIP BLANK

REPORT QUALIFIERS AND DEFINITIONS

- | | |
|---|--|
| <p>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.</p> <p>J Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Aroclors).</p> <p>B Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.</p> <p>E Inorganics- Concentration is estimated due to the serial dilution was outside control limits.</p> <p>E Organics- Concentration has exceeded the calibration range for that specific analysis.</p> <p>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.</p> <p>* 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.</p> <p>H Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.</p> <p># Spike was diluted out.</p> | <p>+ Correlation coefficient for MSA is <0.995.</p> <p>N Inorganics- Matrix spike recovery was outside laboratory limits.</p> <p>N Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.</p> <p>S Concentration has been determined using Method of Standard Additions (MSA).</p> <p>W Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.</p> <p>P Concentration >40% (25% for CLP) difference between the two GC columns.</p> <p>C Confirmed by GC/MS</p> <p>Q DoD reports: indicates a pesticide/Aroclor is not confirmed ($\geq 100\%$ Difference between two GC columns).</p> <p>X See Case Narrative for discussion.</p> <p>MRL Method Reporting Limit. Also known as:</p> <p>LOQ Limit of Quantitation (LOQ)
The lowest concentration at which the method analyte may be reliably quantified under the method conditions.</p> <p>MDL Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).</p> <p>LOD Limit of Detection. A value at or above the MDL which has been verified to be detectable.</p> <p>ND Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.</p> |
|---|--|

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

ALS ENVIRONMENTAL ROCHESTER
1565 JEFFERSON RD
BUILDING 300, SUITE 360
ROCHESTER, NY 14623-0000

Laboratory Director: LARRY LEWIS

for the analysis of NON POTABLE WATER (CHEMISTRY)

pursuant to 310 CMR 42.00

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

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

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

Oscar C. Jacobs

Director, Division of Environmental Analysis

Issued: 01 JUL 2014

Expires: 30 JUN 2015

**COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

Certified Parameter List as of: 01 JUL 2014

M-NY032 **ALS ENVIRONMENTAL ROCHESTER
ROCHESTER NY**

NON POTABLE WATER (CHEMISTRY)	Effective Date	01 JUL 2014	Expiration Date	30 JUN 2015
<u>Analytes</u>			<u>Methods</u>	
ALUMINUM			EPA 200.7	
ANTIMONY			EPA 200.7	
ANTIMONY			EPA 200.8	
ARSENIC			EPA 200.7	
ARSENIC			EPA 200.8	
BERYLLIUM			EPA 200.7	
BERYLLIUM			EPA 200.8	
CADMIUM			EPA 200.7	
CADMIUM			EPA 200.8	
CHROMIUM			EPA 200.7	
CHROMIUM			EPA 200.8	
COBALT			EPA 200.7	
COBALT			EPA 200.8	
COPPER			EPA 200.7	
COPPER			EPA 200.8	
IRON			EPA 200.7	
LEAD			EPA 200.7	
LEAD			EPA 200.8	
MANGANESE			EPA 200.7	
MANGANESE			EPA 200.8	
MERCURY			EPA 245.1	
MOLYBDENUM			EPA 200.7	
MOLYBDENUM			EPA 200.8	
NICKEL			EPA 200.7	
NICKEL			EPA 200.8	
SELENIUM			EPA 200.7	
SELENIUM			EPA 200.8	
SILVER			EPA 200.7	
SILVER			EPA 200.8	
THALLIUM			EPA 200.7	
THALLIUM			EPA 200.8	
VANADIUM			EPA 200.7	
VANADIUM			EPA 200.8	
ZINC			EPA 200.7	
ZINC			EPA 200.8	
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	
ALKALINITY, TOTAL			SM 2320B	

June 26, 2014

*= Provisional Certification

Page 1 of 2

00006

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 01 JUL 2014

M-NY032 ALS ENVIRONMENTAL ROCHESTER
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY)	Effective Date	01 JUL 2014	Expiration Date	30 JUN 2015
<u>Analytes</u>			<u>Methods</u>	
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 1684	
PHENOLICS, TOTAL			EPA 420.4	
VOLATILE HALOCARBONS			EPA 801	
VOLATILE HALOCARBONS			EPA 824	
VOLATILE AROMATICS			EPA 802	
VOLATILE AROMATICS			EPA 624	
SVOC-ACID EXTRACTABLES			EPA 625	
SVOC-BASE/NEUTRAL EXTRACTABLES			EPA 625	
POLYCHLORINATED BIPHENYLS (WATER)			EPA 608	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500260
 Date Collected: 1/12/15 0720
 Date Received: 1/13/15
 Date Analyzed: 1/14/15 16:16

Sample Name: 64G-1Q1M-2X-GV
 Lab Code: R1500260-001

Units: µg/L
 Basis: NA

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

Analytical Method: 624
 Data File Name: I:\ACQUATA\MSVOA6\DATA\011415\L9837.D\

Analysis Lot: 429040
 Instrument Name: R-MS-06
 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	0.13	
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.23	
79-00-5	1,1,2-Trichloroethane	1.0 U	1.0	0.12	
75-34-3	1,1-Dichloroethane (1,1-DCA)	0.55 J	1.0	0.10	
75-35-4	1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.22	
95-50-1	1,2-Dichlorobenzene	1.0 U	1.0	0.10	
107-06-2	1,2-Dichloroethane	1.0 U	1.0	0.18	
78-87-5	1,2-Dichloropropane	1.0 U	1.0	0.15	
541-73-1	1,3-Dichlorobenzene	1.0 U	1.0	0.10	
106-46-7	1,4-Dichlorobenzene	1.0 U	1.0	0.15	
110-75-8	2-Chloroethyl Vinyl Ether	10 U	10	0.64	
107-02-8	Acrolein	10 U	10	0.73	
107-13-1	Acrylonitrile	10 U	10	0.37	
71-43-2	Benzene	1.0 U	1.0	0.10	
75-27-4	Bromodichloromethane	1.0 U	1.0	0.15	
75-25-2	Bromoform	1.0 U	1.0	0.16	
74-83-9	Bromomethane	1.0 U	1.0	0.12	
56-23-5	Carbon Tetrachloride	1.0 U	1.0	0.10	
108-90-7	Chlorobenzene	1.0 U	1.0	0.13	
75-00-3	Chloroethane	0.73 J	1.0	0.15	
67-66-3	Chloroform	1.0 U	1.0	0.13	
74-87-3	Chloromethane	1.0 U	1.0	0.16	
124-48-1	Chlorodibromomethane	1.0 U	1.0	0.15	
75-71-8	Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.17	
75-09-2	Methylene Chloride	1.0 U	1.0	0.18	
100-41-4	Ethylbenzene	1.0 U	1.0	0.19	
127-18-4	Tetrachloroethene (PCE)	1.0 U	1.0	0.20	
108-88-3	Toluene	1.0 U	1.0	0.10	
79-01-6	Trichloroethene (TCE)	1.0 U	1.0	0.15	
75-69-4	Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.13	
75-01-4	Vinyl Chloride	1.0 U	1.0	0.14	
10061-01-5	cis-1,3-Dichloropropene	1.0 U	1.0	0.14	
156-60-5	trans-1,2-Dichloroethene	1.0 U	1.0	0.15	
10061-02-6	trans-1,3-Dichloropropene	1.0 U	1.0	0.10	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500260
 Date Collected: 1/12/15 0720
 Date Received: 1/13/15
 Date Analyzed: 1/14/15 16:16

Sample Name: 64G-1Q1M-2X-GV
 Lab Code: R1500260-001

Units: µg/L
 Basis: NA

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

Analytical Method: 624
 Data File Name: I:\ACQUDATA\MSVOA6\DATA\011415\L9837.D\

Analysis Lot: 429040
 Instrument Name: R-MS-06
 Dilution Factor: 1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	96	81-127	1/14/15 16:16	
4-Bromofluorobenzene	97	79-123	1/14/15 16:16	
Toluene-d8	99	83-120	1/14/15 16:16	



Analytical Report

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

Service Request: R1500260
Date Collected: 1/12/15
Date Received: 1/13/15
Date Analyzed: 1/14/15 1616

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

Sample Name: 64G-1Q1M-2X-GV
Lab Code: R1500260-001

Units: µg/L
Basis: NA

Analytical Method: 624

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

Comments: _____

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500260
 Date Collected: 1/12/15 0720
 Date Received: 1/13/15
 Date Extracted: 1/14/15
 Date Analyzed: 1/15/15 17:22

Sample Name: 64G-1Q1M-2X-GS
 Lab Code: R1500260-002

Units: µg/L
 Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
 Prep Method: EPA 3510C
 Data File Name: I:\ACQUATA\5973D\Data\011515\BA649.D\

Analysis Lot: 429327
 Extraction Lot: 227257
 Instrument Name: R-MS-54
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
120-82-1	1,2,4-Trichlorobenzene	4.7 U	4.7	1.0	
122-66-7	1,2-Diphenylhydrazine	4.7 U	4.7	1.0	
88-06-2	2,4,6-Trichlorophenol	4.7 U	4.7	1.4	
120-83-2	2,4-Dichlorophenol	4.7 U	4.7	1.3	
105-67-9	2,4-Dimethylphenol	4.7 U	4.7	1.5	
51-28-5	2,4-Dinitrophenol	47 U	47	20	
121-14-2	2,4-Dinitrotoluene	4.7 U	4.7	1.6	
606-20-2	2,6-Dinitrotoluene	4.7 U	4.7	1.8	
91-58-7	2-Chloronaphthalene	4.7 U	4.7	1.0	
95-57-8	2-Chlorophenol	4.7 U	4.7	1.0	
88-75-5	2-Nitrophenol	4.7 U	4.7	1.4	
91-94-1	3,3'-Dichlorobenzidine	4.7 U	4.7	4.5	
534-52-1	4,6-Dinitro-o-cresol	47 U	47	11	
101-55-3	4-Bromophenyl Phenyl Ether	4.7 U	4.7	2.2	
59-50-7	4-Chloro-m-cresol	4.7 U	4.7	1.2	
7005-72-3	4-Chlorophenyl Phenyl Ether	4.7 U	4.7	1.2	
100-02-7	4-Nitrophenol	47 U	47	5.9	
83-32-9	Acenaphthene	4.7 U	4.7	1.0	
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	90	
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	1.0	
108-60-1	Bis(1-chloroisopropyl) Ether	4.7 U	4.7	1.0	
111-91-1	Bis(2-chloroethoxy)methane	4.7 U	4.7	2.2	
111-44-4	Bis(2-chloroethyl) Ether	4.7 U	4.7	1.3	
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	2.4	
218-01-9	Chrysene	4.7 U	4.7	1.0	
84-74-2	Di-n-butyl Phthalate	4.7 U	4.7	1.0	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500260
 Date Collected: 1/12/15 0720
 Date Received: 1/13/15
 Date Extracted: 1/14/15
 Date Analyzed: 1/15/15 17:22

Sample Name: 64G-1Q1M-2X-GS
 Lab Code: R1500260-002

Units: µg/L
 Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
 Prep Method: EPA 3510C
 Data File Name: I:\ACQUATA\5973D\Data\011515\BA649.D\

Analysis Lot: 429327
 Extraction Lot: 227257
 Instrument Name: R-MS-54
 Dilution Factor: 1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
117-84-0	Di-n-octyl Phthalate	4.7	U	4.7	1.2	
53-70-3	Dibenz(a,h)anthracene	4.7	U	4.7	1.3	
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	1.0	
118-74-1	Hexachlorobenzene	4.7	U	4.7	1.0	
87-68-3	Hexachlorobutadiene	4.7	U	4.7	1.3	
77-47-4	Hexachlorocyclopentadiene	4.7	U	4.7	1.0	
67-72-1	Hexachloroethane	4.7	U	4.7	1.2	
193-39-5	Indeno(1,2,3-cd)pyrene	4.7	U	4.7	1.2	
78-59-1	Isophorone	4.7	U	4.7	1.0	
621-64-7	N-Nitrosodi-n-propylamine	4.7	U	4.7	1.3	
62-75-9	N-Nitrosodimethylamine	4.7	U	4.7	1.0	
86-30-6	N-Nitrosodiphenylamine	4.7	U	4.7	1.0	
91-20-3	Naphthalene	4.7	U	4.7	1.0	
98-95-3	Nitrobenzene	4.7	U	4.7	1.6	
87-86-5	Pentachlorophenol (PCP)	47	U	47	6.9	
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	109	28-157	1/15/15 17:22	
2-Fluorobiphenyl	83	39-119	1/15/15 17:22	
2-Fluorophenol	46	10-105	1/15/15 17:22	
Nitrobenzene-d5	79	37-117	1/15/15 17:22	
Phenol-d6	31	10-107	1/15/15 17:22	
p-Terphenyl-d14	95	40-133	1/15/15 17:22	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500260
 Date Collected: 1/12/15 0720
 Date Received: 1/13/15
 Date Analyzed: 1/14/15 15:45

Sample Name: TRIP BLANK
 Lab Code: R1500260-003

Units: µg/L
 Basis: NA

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

Analytical Method: 624
 Data File Name: I:\ACQUATA\MSVOA6\DATA\011415\L9836.D\

Analysis Lot: 429040
 Instrument Name: R-MS-06
 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	0.13	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.23	
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.12	
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	0.10	
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.18	
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.15	
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.10	
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15	
110-75-8	2-Chloroethyl Vinyl Ether	10	U	10	0.64	
107-02-8	Acrolein	10	U	10	0.73	
107-13-1	Acrylonitrile	10	U	10	0.37	
71-43-2	Benzene	1.0	U	1.0	0.10	
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15	
75-25-2	Bromoform	1.0	U	1.0	0.16	
74-83-9	Bromomethane	1.0	U	1.0	0.12	
56-23-5	Carbon Tetrachloride	1.0	U	1.0	0.10	
108-90-7	Chlorobenzene	1.0	U	1.0	0.13	
75-00-3	Chloroethane	1.0	U	1.0	0.15	
67-66-3	Chloroform	1.0	U	1.0	0.13	
74-87-3	Chloromethane	1.0	U	1.0	0.16	
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.15	
75-71-8	Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.17	
75-09-2	Methylene Chloride	1.0	U	1.0	0.18	
100-41-4	Ethylbenzene	1.0	U	1.0	0.19	
127-18-4	Tetrachloroethene (PCE)	1.0	U	1.0	0.20	
108-88-3	Toluene	1.0	U	1.0	0.10	
79-01-6	Trichloroethene (TCE)	1.0	U	1.0	0.15	
75-69-4	Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.13	
75-01-4	Vinyl Chloride	1.0	U	1.0	0.14	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.14	
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.15	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.10	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500260
Date Collected: 1/12/15 0720
Date Received: 1/13/15
Date Analyzed: 1/14/15 15:45

Sample Name: TRIP BLANK
Lab Code: R1500260-003

Units: µg/L
Basis: NA

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

Analytical Method: 624
Data File Name: I:\ACQU\DATA\MSVOA6\DATA\011415\L9836.D\

Analysis Lot: 429040
Instrument Name: R-MS-06
Dilution Factor: 1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	95	81-127	1/14/15 15:45	
4-Bromofluorobenzene	96	79-123	1/14/15 15:45	
Toluene-d8	100	83-120	1/14/15 15:45	

Analytical Report

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

Service Request: R1500260
Date Collected: 1/12/15
Date Received: 1/13/15
Date Analyzed: 1/14/15 1545

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

Sample Name: TRIP BLANK
Lab Code: R1500260-003

Units: µg/L
Basis: NA

Analytical Method: 624

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

Comments: _____

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500260
 Date Collected: NA
 Date Received: NA
 Date Analyzed: 1/14/15 13:54

Sample Name: Method Blank
 Lab Code: RQ1500454-04

Units: µg/L
 Basis: NA

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

Analytical Method: 624
 Data File Name: I:\ACQUATA\MSVOA6\DATA\011415\L9833.D\

Analysis Lot: 429040
 Instrument Name: R-MS-06
 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	0.13	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.23	
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.12	
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	0.10	
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.18	
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.15	
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.10	
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15	
110-75-8	2-Chloroethyl Vinyl Ether	10	U	10	0.64	
107-02-8	Acrolein	10	U	10	0.73	
107-13-1	Acrylonitrile	10	U	10	0.37	
71-43-2	Benzene	1.0	U	1.0	0.10	
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15	
75-25-2	Bromoform	1.0	U	1.0	0.16	
74-83-9	Bromomethane	1.0	U	1.0	0.12	
56-23-5	Carbon Tetrachloride	1.0	U	1.0	0.10	
108-90-7	Chlorobenzene	1.0	U	1.0	0.13	
75-00-3	Chloroethane	1.0	U	1.0	0.15	
67-66-3	Chloroform	1.0	U	1.0	0.13	
74-87-3	Chloromethane	1.0	U	1.0	0.16	
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.15	
75-71-8	Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.17	
75-09-2	Methylene Chloride	1.0	U	1.0	0.18	
100-41-4	Ethylbenzene	1.0	U	1.0	0.19	
127-18-4	Tetrachloroethene (PCE)	1.0	U	1.0	0.20	
108-88-3	Toluene	1.0	U	1.0	0.10	
79-01-6	Trichloroethene (TCE)	1.0	U	1.0	0.15	
75-69-4	Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.13	
75-01-4	Vinyl Chloride	1.0	U	1.0	0.14	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.14	
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.15	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.10	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500260
 Date Collected: NA
 Date Received: NA
 Date Analyzed: 1/14/15 13:54

Sample Name: Method Blank
 Lab Code: RQ1500454-04

Units: µg/L
 Basis: NA

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

Analytical Method: 624
 Data File Name: I:\ACQU\DATA\MSVOA6\DATA\011415\L9833.D\

Analysis Lot: 429040
 Instrument Name: R-MS-06
 Dilution Factor: 1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	99	81-127	1/14/15 13:54	
4-Bromofluorobenzene	100	79-123	1/14/15 13:54	
Toluene-d8	99	83-120	1/14/15 13:54	

Analytical Report

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

Service Request: R1500260
Date Collected: NA
Date Received: NA
Date Analyzed: 1/14/15 1354

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

Sample Name: Method Blank
Lab Code: RQ1500454-04

Units: µg/L
Basis: NA

Analytical Method: 624

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

Comments:

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500260
 Date Collected: NA
 Date Received: NA
 Date Extracted: 1/14/15
 Date Analyzed: 1/15/15 15:14

Sample Name: Method Blank
 Lab Code: RQ1500396-01

Units: µg/L
 Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
 Prep Method: EPA 3510C
 Data File Name: I:\ACQUDATA\5973D\Data\011515\BA644.D\

Analysis Lot: 429327
 Extraction Lot: 227257
 Instrument Name: R-MS-54
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
120-82-1	1,2,4-Trichlorobenzene	5.0 U	5.0	1.0	
122-66-7	1,2-Diphenylhydrazine	5.0 U	5.0	1.0	
88-06-2	2,4,6-Trichlorophenol	5.0 U	5.0	1.4	
120-83-2	2,4-Dichlorophenol	5.0 U	5.0	1.3	
105-67-9	2,4-Dimethylphenol	5.0 U	5.0	1.5	
51-28-5	2,4-Dinitrophenol	50 U	50	20	
121-14-2	2,4-Dinitrotoluene	5.0 U	5.0	1.6	
606-20-2	2,6-Dinitrotoluene	5.0 U	5.0	1.8	
91-58-7	2-Chloronaphthalene	5.0 U	5.0	1.0	
95-57-8	2-Chlorophenol	5.0 U	5.0	1.0	
88-75-5	2-Nitrophenol	5.0 U	5.0	1.4	
91-94-1	3,3'-Dichlorobenzidine	5.0 U	5.0	4.5	
534-52-1	4,6-Dinitro-o-cresol	50 U	50	11	
101-55-3	4-Bromophenyl Phenyl Ether	5.0 U	5.0	2.2	
59-50-7	4-Chloro-m-cresol	5.0 U	5.0	1.2	
7005-72-3	4-Chlorophenyl Phenyl Ether	5.0 U	5.0	1.2	
100-02-7	4-Nitrophenol	50 U	50	5.9	
83-32-9	Acenaphthene	5.0 U	5.0	1.0	
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	90	
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	1.0	
108-60-1	Bis(1-chloroisopropyl) Ether	5.0 U	5.0	1.0	
111-91-1	Bis(2-chloroethoxy)methane	5.0 U	5.0	2.2	
111-44-4	Bis(2-chloroethyl) Ether	5.0 U	5.0	1.3	
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	2.4	
218-01-9	Chrysene	5.0 U	5.0	1.0	
84-74-2	Di-n-butyl Phthalate	5.0 U	5.0	1.0	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500260
 Date Collected: NA
 Date Received: NA
 Date Extracted: 1/14/15
 Date Analyzed: 1/15/15 15:14

Sample Name: Method Blank
 Lab Code: RQ1500396-01

Units: µg/L
 Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
 Prep Method: EPA 3510C
 Data File Name: I:\ACQUDATA\5973D\Data\011515\BA644.D\

Analysis Lot: 429327
 Extraction Lot: 227257
 Instrument Name: R-MS-54
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
117-84-0	Di-n-octyl Phthalate	5.0 U	5.0	1.2	
53-70-3	Dibenz(a,h)anthracene	5.0 U	5.0	1.3	
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	1.0	
118-74-1	Hexachlorobenzene	5.0 U	5.0	1.0	
87-68-3	Hexachlorobutadiene	5.0 U	5.0	1.3	
77-47-4	Hexachlorocyclopentadiene	5.0 U	5.0	1.0	
67-72-1	Hexachloroethane	5.0 U	5.0	1.2	
193-39-5	Indeno(1,2,3-cd)pyrene	5.0 U	5.0	1.2	
78-59-1	Isophorone	5.0 U	5.0	1.0	
621-64-7	N-Nitrosodi-n-propylamine	5.0 U	5.0	1.3	
62-75-9	N-Nitrosodimethylamine	5.0 U	5.0	1.0	
86-30-6	N-Nitrosodiphenylamine	5.0 U	5.0	1.0	
91-20-3	Naphthalene	5.0 U	5.0	1.0	
98-95-3	Nitrobenzene	5.0 U	5.0	1.6	
87-86-5	Pentachlorophenol (PCP)	50 U	50	6.9	
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	104	28-157	1/15/15 15:14	
2-Fluorobiphenyl	79	39-119	1/15/15 15:14	
2-Fluorophenol	44	10-105	1/15/15 15:14	
Nitrobenzene-d5	77	37-117	1/15/15 15:14	
Phenol-d6	27	10-107	1/15/15 15:14	
p-Terphenyl-d14	96	40-133	1/15/15 15:14	

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

Service Request: R1500260

Date Analyzed: 1/14/15

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: 429040

Lab Control Sample
 RQ1500454-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	20.0	20.0	100	52 - 162
1,1,2,2-Tetrachloroethane	16.1	20.0	80	46 - 157
1,1,2-Trichloroethane	17.3	20.0	87	52 - 150
1,1-Dichloroethane (1,1-DCA)	19.7	20.0	98	59 - 155
1,1-Dichloroethene (1,1-DCE)	19.8	20.0	99	10 - 234
1,2-Dichlorobenzene	18.3	20.0	91	18 - 190
1,2-Dichloroethane	18.7	20.0	93	49 - 155
1,2-Dichloropropane	17.2	20.0	86	10 - 210
1,3-Dichlorobenzene	18.9	20.0	95	59 - 156
1,4-Dichlorobenzene	18.7	20.0	94	18 - 190
2-Chloroethyl Vinyl Ether	25.4	20.0	127	10 - 305
Acrolein	288	100	288 *	10 - 186
Acrylonitrile	93.5	100	93	84 - 128
Benzene	18.6	20.0	93	37 - 151
Bromodichloromethane	20.1	20.0	100	35 - 155
Bromoform	21.1	20.0	106	45 - 169
Bromomethane	19.5	20.0	98	10 - 242
Carbon Tetrachloride	20.6	20.0	103	70 - 140
Chlorobenzene	18.7	20.0	94	37 - 160
Chloroethane	18.8	20.0	94	14 - 230
Chloroform	21.3	20.0	106	51 - 138
Chloromethane	19.6	20.0	98	10 - 273
Chlorodibromomethane	20.7	20.0	103	53 - 149
Dichlorodifluoromethane (CFC 12)	19.5	20.0	97	64 - 130
Methylene Chloride	20.4	20.0	102	10 - 221
Ethylbenzene	17.5	20.0	88	37 - 162
Tetrachloroethene (PCE)	19.6	20.0	98	64 - 148
Toluene	18.7	20.0	93	47 - 150
Trichloroethene (TCE)	19.6	20.0	98	71 - 157
Trichlorofluoromethane (CFC 11)	21.7	20.0	109	17 - 181
Vinyl Chloride	20.5	20.0	102	10 - 251
cis-1,3-Dichloropropene	17.4	20.0	87	10 - 227
trans-1,2-Dichloroethene	20.9	20.0	104	54 - 156

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: R1500260
 Date Analyzed: 1/14/15

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: 429040

Lab Control Sample
 RQ1500454-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
trans-1,3-Dichloropropene	16.9	20.0	85	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.

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

Service Request: R1500260
 Date Analyzed: 1/15/15

Lab Control Sample Summary
 Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
 Prep Method: EPA 3510C

Units: µg/L
 Basis: NA

Extraction Lot: 227257

Analyte Name	Lab Control Sample RQ1500396-02			Duplicate Lab Control Sample RQ1500396-03			% Rec Limits	RPD	RPD Limit
	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
1,2,4-Trichlorobenzene	66.8	100	67	68.7	100	69	29 - 85	3	30
1,2-Diphenylhydrazine	94.5	100	94	102	100	102	57 - 117	8	30
2,4,6-Trichlorophenol	94.4	100	94	105	100	105	37 - 144	10	30
2,4-Dichlorophenol	89.0	100	89	99.1	100	99	39 - 135	11	30
2,4-Dimethylphenol	89.7	100	90	95.1	100	95	32 - 119	6	30
2,4-Dinitrophenol	106	100	106	99.4	100	99	10 - 191	6	30
2,4-Dinitrotoluene	99.1	100	99	108	100	108	39 - 139	9	30
2,6-Dinitrotoluene	99.1	100	99	107	100	107	50 - 158	7	30
2-Chloronaphthalene	79.1	100	79	87.4	100	87	60 - 118	10	30
2-Chlorophenol	84.6	100	85	92.6	100	93	23 - 134	9	30
2-Nitrophenol	84.5	100	84	93.9	100	94	29 - 182	11	30
3,3'-Dichlorobenzidine	95.4	100	95	100	100	100	10 - 262	5	30
4,6-Dinitro-o-cresol	101	100	101	103	100	103	10 - 181	2	30
4-Bromophenyl Phenyl Ether	91.5	100	92	99.5	100	99	53 - 127	8	30
4-Chloro-m-cresol	99.6	100	100	105	100	105	22 - 147	5	30
4-Chlorophenyl Phenyl Ether	93.7	100	94	101	100	101	25 - 158	7	30
4-Nitrophenol	72.9	100	73	77.8	100	78	10 - 132	7	30
Acenaphthene	85.3	100	85	94.5	100	94	47 - 145	10	30
Acenaphthylene	90.3	100	90	96.8	100	97	33 - 145	7	30
Anthracene	93.3	100	93	99.3	100	99	27 - 133	6	30
Benz(a)anthracene	99.2	100	99	105	100	105	33 - 143	5	30
Benzidine	93.5	100	94	100 U	100	0 *	10 - 169	NC	30
Benzo(a)pyrene	101	100	101	106	100	106	17 - 163	4	30
3,4-Benzofluoranthene	99.1	100	99	104	100	104	24 - 159	5	30
Benzo(g,h,i)perylene	106	100	106	114	100	114	10 - 219	7	30
Benzo(k)fluoranthene	93.2	100	93	96.6	100	97	11 - 162	4	30
Bis(1-chloroisopropyl) Ether	87.9	100	88	101	100	101	36 - 166	14	30
Bis(2-chloroethoxy)methane	86.3	100	86	95.3	100	95	33 - 184	10	30
Bis(2-chloroethyl) Ether	80.1	100	80	87.2	100	87	12 - 158	8	30
Bis(2-ethylhexyl) Phthalate	106	100	106	112	100	112	10 - 158	6	30
Butyl Benzyl Phthalate	106	100	106	110	100	110	10 - 152	3	30
Chrysene	101	100	101	103	100	103	17 - 168	2	30
Di-n-butyl Phthalate	105	100	105	111	100	111	10 - 118	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: R1500260
 Date Analyzed: 1/15/15

Lab Control Sample Summary
 Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
 Prep Method: EPA 3510C

Units: µg/L
 Basis: NA

Extraction Lot: 227257

Analyte Name	Lab Control Sample RQ1500396-02			Duplicate Lab Control Sample RQ1500396-03			% Rec Limits	RPD	RPD Limit
	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
Di-n-octyl Phthalate	108	100	108	114	100	114	10 - 146	5	30
Dibenz(a,h)anthracene	107	100	107	112	100	112	10 - 227	5	30
Diethyl Phthalate	101	100	101	107	100	107	10 - 114	5	30
Dimethyl Phthalate	95.4	100	95	103	100	103	10 - 112	8	30
Fluoranthene	106	100	106	111	100	111	26 - 137	5	30
Fluorene	90.5	100	91	97.9	100	98	59 - 121	8	30
Hexachlorobenzene	95.0	100	95	102	100	102	10 - 152	7	30
Hexachlorobutadiene	64.7	100	65	70.1	100	70	24 - 116	8	30
Hexachlorocyclopentadiene	65.8	100	66	75.3	100	75	28 - 98	13	30
Hexachloroethane	62.3	100	62	71.2	100	71	40 - 113	13	30
Indeno(1,2,3-cd)pyrene	104	100	104	112	100	112	10 - 171	7	30
Isophorone	93.5	100	93	99.8	100	100	21 - 196	7	30
N-Nitrosodi-n-propylamine	89.9	100	90	103	100	103	10 - 230	13	30
N-Nitrosodimethylamine	59.8	100	60	61.1	100	61	33 - 70	2	30
N-Nitrosodiphenylamine	94.4	100	94	102	100	102	50 - 117	8	30
Naphthalene	70.4	100	70	73.6	100	74	21 - 133	4	30
Nitrobenzene	89.6	100	90	96.4	100	96	35 - 180	7	30
Pentachlorophenol (PCP)	98.8	100	99	105	100	105	14 - 176	6	30
Phenanthrene	95.5	100	96	102	100	102	54 - 120	7	30
Phenol	42.3	100	42	46.8	100	47	10 - 112	10	30
Pyrene	103	100	103	108	100	108	52 - 115	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.



Cooler Receipt and Preservation Check Form

R1500260
Veolia Water North America
GE - Pittsfield NPDES

5



Project/Client GE Pittsfield Folder Number R15-260

Cooler received on 1-13-15 by: ME

COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were Custody seals on outside of cooler?	<u>Y</u>	<u>N</u>
2	Custody papers properly completed (ink, signed)?	<u>Y</u>	<u>N</u>
3	Did all bottles arrive in good condition (unbroken)?	<u>Y</u>	<u>N</u>
4	Circle: <u>Wet Ice</u> Dry Ice Gel packs present?	<u>Y</u>	<u>N</u>

5a	Perchlorate samples have required headspace?	<u>Y</u>	<u>N</u>	<u>NA</u>
5b	Did VOA vials, Alk, or Sulfide have sig* bubbles?	<u>Y</u>	<u>N</u>	<u>NA</u>
6	Where did the bottles originate?	<u>ALS/ROC</u>	<u>CLIENT</u>	
7	Soil VOA received as: Bulk Encore 5035set	<u>NA</u>		

8. Temperature Readings Date: 1-13-15 Time: 11:03 ID: IR#3 IR#4 From: Temp Blank Sample Bottle

Observed Temp (°C)	<u>1.3</u>								
Correction Factor (°C)	<u>0</u>								
Corrected Temp (°C)	<u>1.3</u>								
Within 0-6°C?	<u>Y</u>	<u>N</u>	<u>Y</u>	<u>N</u>	<u>Y</u>	<u>N</u>	<u>Y</u>	<u>N</u>	<u>Y</u>

If out of Temperature, note packing/ice condition: Ice melted Poorly Packed Same Day Rule
& Client Approval to Run Samples: Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: R-002 by ME on 1-13-15 at 11:10
5035 samples placed in storage location: _____ by _____ on _____ at _____

PC Secondary Review: [Signature]

Cooler Breakdown: Date: 1/13/15 Time: 12:54 by: DSW

- Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
- Did all bottle labels and tags agree with custody papers? YES NO
- Were correct containers used for the tests indicated? YES NO
- 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 ₂ SO ₄								
<4	NaHSO ₄								
Residual Chlorine (-)	For CN Phenol and 522			If +, contact PM to add Na ₂ S ₂ O ₃ (CN), ascorbic (phenol).					
	Na ₂ S ₂ O ₃	-	-						
	ZnAcetate	-	-						
	HCl	**	**						

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

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

Bottle lot numbers: 4-258-003, 072114-1321
Other Comments: _____

PC Secondary Review: [Signature]

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

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

Form Approved
OMB No. 2040-0004

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

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

MA0003891	D64T-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
01/01/2015	01/31/2015

DMR Mailing ZIP CODE: 01201

MAJOR (SUBR W)
INTERNAL TO 005
Internal Outfall

No Discharge

ATTN: Andrew T. Silfer, Exec Mgr. En

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH 00400 IM 0 Internal Monitoring Point	SAMPLE MEASUREMENT	*****	*****	*****	7.24	*****	7.44	SU	0	2/mo	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM	SU		Twice per Month	GRAB
Solids, total suspended 00530 IM 0 Internal Monitoring Point	SAMPLE MEASUREMENT	0	0	lbs/d	0	*****	0	mg/L	0	2/mo	COMP24
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	mg/L		Twice per Month	COMP24
Oil & Grease 00556 IM 0 Internal Monitoring Point	SAMPLE MEASUREMENT	0	0	lbs/d	*****	*****	0	mg/L	0	2/mo	GRAB
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	*****	*****	15 DAILY MX	mg/L		Twice per Month	GRAB
Polychlorinated biphenyls [PCBs] 39516 IM 0 Internal Monitoring Point	SAMPLE MEASUREMENT	0.000001	0.000003	lbs/d	0.0383	*****	0.0765	ug/L	0	2/mo	COMP24
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	ug/L		Twice per Month	COMP24
Flow, in conduit or thru treatment plant 50050 IM 0 Internal Monitoring Point	SAMPLE MEASUREMENT	0.0037	0.0072	MGD	*****	*****	*****	*****	0	WEEKLY	ESTIMA
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	MGD	*****	*****	*****	*****		Weekly	ESTIMA
Flow, total 82220 IM 0 Internal Monitoring Point	SAMPLE MEASUREMENT	0.0046	0.0048	MGD	*****	*****	*****	*****	0	2/mo	ESTIMA
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	MGD	*****	*****	*****	*****		Weekly	ESTIMA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Andrew T. Silfer, PE Exec. Mgr. Env. Remediation TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Andrew T. Silfer</i>	TELEPHONE	DATE
			(413) 448-5907 AREA Code NUMBER	2/26/2015 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
01/01/15										0.00	0.00
01/02/15										0.00	0.00
01/03/15										0.00	0.00
01/04/15										0.79	0.13
01/05/15										0.34	0.11
01/06/15								0.0072		0.00	0.00
01/07/15	7.24			U4.00	1,G					0.00	0.00
01/08/15										0.00	0.00
01/09/15										0.05	0.03
01/10/15										0.01	0.01
01/11/15		U1.00	1,C			0.0469	C	0.0072	0.0048	0.00	0.00
01/12/15										0.17	0.08
01/13/15										0.27	0.07
01/14/15	7.44			U4.40	1,G					0.00	0.00
01/15/15		U1.00	1,C			0.0765	C		0.0045	0.00	0.00
01/16/15										0.00	0.00
01/17/15										0.00	0.00
01/18/15								0.0001		0.00	0.00
01/19/15										1.30	0.22
01/20/15										0.00	0.00
01/21/15										0.00	0.00
01/22/15										0.00	0.00
01/23/15										0.00	0.00
01/24/15										0.06	0.04
01/25/15										0.10	0.03
01/26/15										0.01	0.01
01/27/15										0.09	0.04
01/28/15								0.0003		0.07	0.03
01/29/15										0.00	0.00
01/30/15										0.08	0.02
01/31/15										0.04	0.01

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


MA0003891	005-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
01/01/2015	01/31/2015

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

No Discharge

ATTN: Andrew T. Silfer, Exec Mgr. En

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	*****	*****	*****	7.92	*****	7.95	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	4.62	6.98	lbs/d	1.80	*****	2.00	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	0.0002	0.0003	lbs/d	0.0419	*****	0.0784	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	0.26	0.34	IN	*****	*****	*****	*****	0	CONT	RECORD
46529 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	*****	*****	*****	*****		Continuous	Recorder (auto)
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.1674	0.5233	MGD	*****	*****	*****	*****	0	CONT	RECORD
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	MGD	*****	*****	*****	*****		Continuous	Record (manual)
Flow, total	SAMPLE MEASUREMENT	0.3293	0.5233	MGD	*****	*****	*****	*****	0	CONT	RECORD
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	MGD	*****	*****	*****	*****		Continuous	Record (manual)

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
ANDREW T. SILFER, PE GREG. MURPHY, ENV. REMEDIATION TYPED OR PRINTED			(413) 448-5702 AREA Code NUMBER	2/26/2015 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
01/01/15								0.1951	NO	0.00	0.00
01/02/15								0.1926	NO	0.00	0.00
01/03/15								0.1745	NO	0.00	0.00
01/04/15								0.1900	NO	0.79	0.13
01/05/15	7.95	1.60	C	U4.10	1,G	0.0784	C	0.5233	NO	0.34	0.11
01/06/15								0.2071	NO	0.00	0.00
01/07/15								0.1795	NO	0.00	0.00
01/08/15								0.1661	NO	0.00	0.00
01/09/15								0.1574	NO	0.05	0.03
01/10/15								0.1347	NO	0.01	0.01
01/11/15								0.1414	NO	0.00	0.00
01/12/15	7.88	2.00	C	U4.00	1,G	0.0054	C	0.1352	NO	0.17	0.08
01/13/15								0.1474	NO	0.27	0.07
01/14/15								0.1236	NO	0.00	0.00
01/15/15								0.1291	NO	0.00	0.00
01/16/15								0.1091	NO	0.00	0.00
01/17/15								0.0905	NO	0.00	0.00
01/18/15								0.0824	NO	0.00	0.00
01/19/15								0.4046	YES	1.30	0.22
01/20/15								0.1836	NO	0.00	0.00
01/21/15								0.1495	NO	0.00	0.00
01/22/15								0.1580	NO	0.00	0.00
01/23/15								0.1615	NO	0.00	0.00
01/24/15								0.1551	NO	0.06	0.04
01/25/15								0.1350	NO	0.10	0.03
01/26/15								0.0767	NO	0.01	0.01
01/27/15								0.1413	NO	0.09	0.04
01/28/15								0.1354	NO	0.07	0.03
01/29/15								0.1499	NO	0.00	0.00
01/30/15								0.1356	NO	0.08	0.02
01/31/15								0.1246	NO	0.04	0.01

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

MAD003891	W005-A
PERMIT NUMBER	DISCHARGE NUMBER


MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
01/01/2015	01/31/2015

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

No Discharge

ATTN: Andrew T. Silfer, Exec Mgr. En

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	*****	*****	*****	NODI(9)	*****	NODI(9)				
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	*****	NODI(9)				
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	mg/L		Three per Quarter	COMPOS
Oil & Grease	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI(9)				
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	*****	NODI(9)				
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	ug/L		Three per Quarter	COMPOS
Rainfall	SAMPLE MEASUREMENT	0.82	1.30	IN	*****	*****	*****	*****	0	CONT	RECORD
46529 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	*****	*****	*****	*****		Continuous	Recorder (auto)
Flow, total	SAMPLE MEASUREMENT	0.4046	0.4046	MGD	*****	*****	*****	*****	0	CONT	RECORD
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	MGD	*****	*****	*****	*****		Continuous	Recorder (auto)

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Andrew T. Silfer, PE Exec Mgr. Env. Remediation TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	TELEPHONE	DATE
			(413) 448-5902 AREA Code NUMBER	2/26/2015 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


MA0003891	D05A-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
01/01/2015	01/31/2015

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

No Discharge

ATTN: Andrew T. Silfer, Exec Mgr. En

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	*****	*****	*****		*****					
00400 Y 0 Effluent Gross (Supplementary)	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM	SU		Twice per Month	GRAB
Solids, total suspended	SAMPLE MEASUREMENT					*****					
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				*****	*****					
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					*****					
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				*****	*****	*****	*****			
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	MGD	*****	*****	*****	*****		Weekly	ESTIMA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
ANDREW T. SILFER, PE EXEC. MGR. ENV. REMEDIATION TYPED OR PRINTED			(413) 448-5902 AREA Code NUMBER	2/26/2015 MM/DD/YYYY

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

TOTAL FLOW SEE FOOTNOTE 4.

NO DISCHARGE

Attachment E - Outfall 05A Dry

Date	pH	TSS MG/L	FN	Oil & Grease MG/L	FN	PCB UG/L	FN	Estimated Flow - MGD (82220 1 0)	Rain/Precip Total - In	Rain/Precip Peak - In	Flooded Condition
01/01/15									0.00	0.00	NO
01/02/15									0.00	0.00	NO
01/03/15									0.00	0.00	NO
01/04/15									0.79	0.13	NO
01/05/15									0.34	0.11	YES
01/06/15									0.00	0.00	YES
01/07/15									0.00	0.00	YES
01/08/15									0.00	0.00	NO
01/09/15									0.05	0.03	NO
01/10/15									0.01	0.01	NO
01/11/15									0.00	0.00	NO
01/12/15									0.17	0.08	NO
01/13/15									0.27	0.07	NO
01/14/15									0.00	0.00	NO
01/15/15									0.00	0.00	NO
01/16/15									0.00	0.00	NO
01/17/15									0.00	0.00	NO
01/18/15									0.00	0.00	NO
01/19/15									1.30	0.22	YES
01/20/15									0.00	0.00	YES
01/21/15									0.00	0.00	NO
01/22/15									0.00	0.00	NO
01/23/15									0.00	0.00	NO
01/24/15									0.06	0.04	NO
01/25/15									0.10	0.03	NO
01/26/15									0.01	0.01	NO
01/27/15									0.09	0.04	NO
01/28/15									0.07	0.03	NO
01/29/15									0.00	0.00	NO
01/30/15									0.08	0.02	NO
01/31/15									0.04	0.01	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

MA0003891	W05A-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
01/01/2015	01/31/2015

DMR Mailing ZIP CODE: 01201

MAJOR (SUBR W)
OUTFALL 05A WET WEATHER
External Outfall

No Discharge

ATTN: Andrew T. Silfer, Exec Mgr. En

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)				
	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM	SU		Quarterly	GRAB
00400 10 Effluent Gross	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	*****	NODI(9)				
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	mg/L		Three per Quarter	COMPOS
Solids, total suspended	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	*****	NODI(9)				
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	mg/L		Quarterly	GRAB
00530 10 Effluent Gross	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	*****	NODI(9)				
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	ug/L		Three per Quarter	COMPOS
Oil & Grease	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	*****	NODI(9)				
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	*****	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls [PCBs]	SAMPLE MEASUREMENT	NODI(9)	NODI(9)		NODI(9)	*****	NODI(9)				
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	ug/L		Three per Quarter	COMPOS
39516 10 Effluent Gross	SAMPLE MEASUREMENT	0.82	1.30	IN	*****	*****	*****	*****	0	DAILY WHEN DISCHARGING	TOTALZ
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	*****		Daily when Discharging	TOTALZ
Rainfall	SAMPLE MEASUREMENT	0.1698	0.5814	MGD	*****	*****	*****	*****	0	CONT	RECORD
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	MGD	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	*****		Continuous	Recorder (auto)
50050 10 Effluent Gross	SAMPLE MEASUREMENT	5	*****	#	*****	*****	*****	*****	0	DAILY WHEN DISCHARGING	VISUAL
	PERMIT REQUIREMENT	Req. Mon. TOTAL	*****	#	Req. Mon. TOTAL	*****	*****	*****		Daily when Discharging	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Andrew T. Silfer, PE Exec Mgr. Env. Remediation TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Andrew T. Silfer</i>	TELEPHONE		DATE
			(413) 448-5902		2/6/2015
			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.

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

MA0003891	W05A-A
PERMIT NUMBER	DISCHARGE NUMBER


MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
01/01/2015	01/31/2015

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

No Discharge

ATTN: Andrew T. Silfer, Exec Mgr. En

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	0.4210	0.5814	MGD	*****	*****	*****	*****	0	CONT	RCODW
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	MGD	*****	*****	*****	*****		Continuous	Recorder (auto)

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

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
01/01/15									NO	0.00	0.00
01/02/15									NO	0.00	0.00
01/03/15									NO	0.00	0.00
01/04/15	7.83	23.50	C	U4.10	1,G	0.2050	C	0.0007	NO	0.79	0.13
01/05/15								0.2606	YES	0.34	0.11
01/06/15									YES	0.00	0.00
01/07/15									YES	0.00	0.00
01/08/15									NO	0.00	0.00
01/09/15									NO	0.05	0.03
01/10/15									NO	0.01	0.01
01/11/15									NO	0.00	0.00
01/12/15									NO	0.17	0.08
01/13/15								0.0024	NO	0.27	0.07
01/14/15									NO	0.00	0.00
01/15/15									NO	0.00	0.00
01/16/15									NO	0.00	0.00
01/17/15									NO	0.00	0.00
01/18/15		30.80	C			0.2746	C		NO	0.00	0.00
01/19/15								0.5814	YES	1.30	0.22
01/20/15								0.0042	YES	0.00	0.00
01/21/15									NO	0.00	0.00
01/22/15									NO	0.00	0.00
01/23/15									NO	0.00	0.00
01/24/15									NO	0.06	0.04
01/25/15									NO	0.10	0.03
01/26/15									NO	0.01	0.01
01/27/15									NO	0.09	0.04
01/28/15									NO	0.07	0.03
01/29/15									NO	0.00	0.00
01/30/15									NO	0.08	0.02
01/31/15									NO	0.04	0.01

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

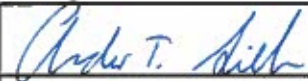
MA0003891	W05B-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
01/01/2015	01/31/2015

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

No Discharge

ATTN: Andrew T. Silfer, Exec Mgr. En

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Andrew T. Silfer, PE Exec. Mgr., Env. Remediation TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violators.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
			(413) 448-5902 AREA Code NUMBER	2/26/2015 MM/DD/YYYY

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

NO DISCHARGE

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

MA0003891	W05B-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
01/01/2015	01/31/2015

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

No Discharge

ATTN: Andrew T. Silfer, Exec Mgr. En

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Flow, total	SAMPLE MEASUREMENT				*****	*****	*****	*****			
82220 10 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	MGD	*****	*****	*****	*****		Continuous	Recorder (auto)

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Andrew T. Silfer, PE Exec. Mgr., Environmental Remediation TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violators.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Andrew T. Silfer</i>	TELEPHONE	DATE
			(413) 448-5902 AREA Code NUMBER	2/26/2015 MM/DD/YYYY

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

NO DISCHARGE

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
01/01/15									0.00	0.00
01/02/15									0.00	0.00
01/03/15									0.00	0.00
01/04/15									0.79	0.13
01/05/15									0.34	0.11
01/06/15									0.00	0.00
01/07/15									0.00	0.00
01/08/15									0.00	0.00
01/09/15									0.05	0.03
01/10/15									0.01	0.01
01/11/15									0.00	0.00
01/12/15									0.17	0.08
01/13/15									0.27	0.07
01/14/15									0.00	0.00
01/15/15									0.00	0.00
01/16/15									0.00	0.00
01/17/15									0.00	0.00
01/18/15									0.00	0.00
01/19/15									1.30	0.22
01/20/15									0.00	0.00
01/21/15									0.00	0.00
01/22/15									0.00	0.00
01/23/15									0.00	0.00
01/24/15									0.06	0.04
01/25/15									0.10	0.03
01/26/15									0.01	0.01
01/27/15									0.09	0.04
01/28/15									0.07	0.03
01/29/15									0.00	0.00
01/30/15									0.08	0.02
01/31/15									0.04	0.01

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

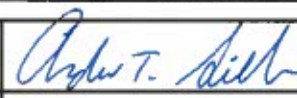
MA0003891	D006-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
01/01/2015	01/31/2015

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

No Discharge

ATTN: Andrew T. Silber, Exec Mgr. En

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	*****	*****	*****	7.52	7.83	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	0.03	0.03	lbs/d	12.35	13.70	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 per 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 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	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	Req. Mon. DAILY MX	ug/L		Twice per Month	COMP24	
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.0002	0.0003	MGD	*****	*****	*****	0	WEEKLY	ESTIMA	
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	MGD	*****	*****	*****		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 per Month	GRAB	
Volatile fraction organics [EPA 624]	SAMPLE MEASUREMENT	*****	*****	*****	1.935	2.910	ug/L	0	2/mo	GRAB	
78733 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	ug/L		Twice per Month	GRAB	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Andrew T. Silber, PE Exec Mgr. Env. Remediation TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violators.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
			(413) 448-5902 AREA Code NUMBER	2/26/2015 MM/DD/YYYY

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

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

Form Approved
OMB No. 2040-0004

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

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


MA0003891	D006-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
01/01/2015	01/31/2015

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

No Discharge

ATTN: Andrew T. Silfer, Exec Mgr. En

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	0.0003	0.0003	MGD	*****	*****	*****	*****	0	a/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 Andrew T. Silfer, PE Exec Mgr. Env. Remediation TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	TELEPHONE	DATE
			(413) 448-5902 AREA Code NUMBER	2/26/2015 MM/DD/YYYY

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

Attachment E - Outfall 006 Dry

Date	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
01/01/15														0.00	0.00
01/02/15														0.00	0.00
01/03/15														0.00	0.00
01/04/15														0.79	0.13
01/05/15												0.0003		0.34	0.11
01/06/15														0.00	0.00
01/07/15	7.83	U4.10	1,G					0.960	G		0	G		0.00	0.00
01/08/15														0.00	0.00
01/09/15														0.05	0.03
01/10/15												0.0003		0.01	0.01
01/11/15				13.70	C	0.0545	C						0.0003	0.00	0.00
01/12/15														0.17	0.08
01/13/15														0.27	0.07
01/14/15	7.52	U4.00	1,G					2.910	G		0	G		0.00	0.00
01/15/15				11.00	C	0.0098	C						0.0003	0.00	0.00
01/16/15														0.00	0.00
01/17/15												0.0001		0.00	0.00
01/18/15														0.00	0.00
01/19/15														1.30	0.22
01/20/15														0.00	0.00
01/21/15														0.00	0.00
01/22/15														0.00	0.00
01/23/15														0.00	0.00
01/24/15														0.06	0.04
01/25/15														0.10	0.03
01/26/15														0.01	0.01
01/27/15														0.09	0.04
01/28/15												0.0001		0.07	0.03
01/29/15														0.00	0.00
01/30/15														0.08	0.02
01/31/15														0.04	0.01

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



ALS Environmental
ALS Group USA, Corp
1565 Jefferson Rd, Building 300, Suite 360
Rochester, NY 14623
T: 585-288-5380
F: 585-288-8475
www.alsglobal.com

January 15, 2015

Analytical Report for Service Request No: R1500150

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 January 8, 2015. For your reference, these analyses have been assigned our service request number R1500150.

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 ALS Environmental is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7473. You may also contact me via email at Deb.Patton@alsglobal.com.

Respectfully submitted,

ALS Group USA Corp. dba ALS Environmental

Deb Patton
Project Manager

Page 1 of 23

ALS Environmental

Client: General Electric
Service Request No.: R1500150
Project: GE-Pittsfield NPDES
Date Received: 1/8/15
Sample Matrix: Water
Project/Case No.:

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. 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 ALS Environmental on 1/8/15. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were received within the 0-6°C temperature guidelines. The samples were stored in a refrigerator between 1°C and 6°C upon receipt at the laboratory.

Volatile Organics

All samples were analyzed within the 3 day holding time for Acrolein.

All surrogate standard recoveries were within acceptance limits for the samples.

The Laboratory Control Sample (LCS) was outside of the control limits for Acrolein and has been flagged with a "**". The high bias allows for appropriate sensitivity. There were not hits for this compound and no data was affected.

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

Extractable Organics

The initial and continuing calibration criteria were met.

Surrogate standard recoveries were within acceptance limits for the samples.

The Method Blank was free of contamination.

The Duplicate Laboratory Control Sample (LCSD) for Benzidine was outside of the control limits and has been flagged with a "**". The Laboratory Control Limit recovered below the MRL. There were no hits in the sample for this compound but there may be a low bias.

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

Approved by

R. Fast

Date

1/15/15

00002

CASE NARRATIVE

This report contains analytical results for the following samples:
Service Request Number: R1500150

<u>Lab ID</u>	<u>Client ID</u>
R1500150-001	006D-1Q1M-1X-GV
R1500150-002	006D-1Q1M-1X-GS
R1500150-003	Trip Blank

00003



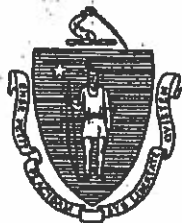
REPORT QUALIFIERS AND DEFINITIONS

- U Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
- J Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Aroclors).
- B Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
- E Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
- E Organics- Concentration has exceeded the calibration range for that specific analysis.
- D Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
- * Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
- H Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
- # Spike was diluted out.
- + Correlation coefficient for MSA is <0.995.
- N Inorganics- Matrix spike recovery was outside laboratory limits.
- N Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
- S Concentration has been determined using Method of Standard Additions (MSA).
- W Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
- P Concentration >40% (25% for CLP) difference between the two GC columns.
- C Confirmed by GC/MS
- Q DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
- X See Case Narrative for discussion.
- MRL Method Reporting Limit. Also known as:
- LOQ Limit of Quantitation (LOQ)
The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
- MDL Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
- LOD Limit of Detection. A value at or above the MDL which has been verified to be detectable.
- ND Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

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

ALS ENVIRONMENTAL ROCHESTER
1565 JEFFERSON RD
BUILDING 300, SUITE 360
ROCHESTER, NY 14623-0000

Laboratory Director: LARRY LEWIS

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.

Jacques E. Jacobs

Director, Division of Environmental Analysis

Issued: 01 JUL 2014

Expires: 30 JUN 2015

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 01 JUL 2014

M-NY032

ALS ENVIRONMENTAL ROCHESTER
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY)

Effective
Date

01 JUL 2014

Expiration 30 JUN 2015
Date

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
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
ALKALINITY, TOTAL	SM 2320B

June 26, 2014

*= Provisional Certification

Page 1 of 2

00006

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 01 JUL 2014

M-NY032

ALS ENVIRONMENTAL ROCHESTER
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY)

Effective
Date

01 JUL 2014

Expiration
Date 30 JUN 2015

Analytes

CHLORIDE
CHLORIDE
FLUORIDE
SULFATE
AMMONIA-N
NITRATE-N
NITRATE-N
KJELDAHL-N
ORTHOPHOSPHATE
PHOSPHORUS, TOTAL
CHEMICAL OXYGEN DEMAND
BIOCHEMICAL OXYGEN DEMAND
TOTAL ORGANIC CARBON
CYANIDE, TOTAL
NON-FILTERABLE RESIDUE
OIL AND GREASE
PHENOLICS, TOTAL
VOLATILE HALOCARBONS
VOLATILE HALOCARBONS
VOLATILE AROMATICS
VOLATILE AROMATICS
SVOC-ACID EXTRACTABLES
SVOC-BASE/NEUTRAL EXTRACTABLES
POLYCHLORINATED BIPHENYLS (WATEF

Methods

SM 4600-CL-E
EPA 300.0
EPA 300.0
EPA 300.0
EPA 350.1
EPA 300.0
EPA 353.2
EPA 351.2
EPA 365.1
EPA 365.1
EPA 410.4
SM 5210B
SM 5310C
EPA 335.4
SM 2540D
EPA 1684
EPA 420.4
EPA 601
EPA 624
EPA 602
EPA 624
EPA 625
EPA 625
EPA 608

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500150
 Date Collected: 1/ 7/15 1315
 Date Received: 1/ 8/15
 Date Analyzed: 1/8/15 16:42

Sample Name: 006D-1Q1M-1X-GV
 Lab Code: R1500150-001

Units: µg/L
 Basis: NA

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

Analytical Method: 624
 Data File Name: I:\ACQUDATA\MSVOA6\DATA\010815\L9749.D\

Analysis Lot: 428413
 Instrument Name: R-MS-06
 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	0.13	
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.23	
79-00-5	1,1,2-Trichloroethane	1.0 U	1.0	0.12	
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	0.10	
107-06-2	1,2-Dichloroethane	1.0 U	1.0	0.18	
78-87-5	1,2-Dichloropropane	1.0 U	1.0	0.15	
541-73-1	1,3-Dichlorobenzene	1.0 U	1.0	0.10	
106-46-7	1,4-Dichlorobenzene	0.48 J	1.0	0.15	
110-75-8	2-Chloroethyl Vinyl Ether	10 U	10	0.64	
107-02-8	Acrolein	10 U	10	0.73	
107-13-1	Acrylonitrile	10 U	10	0.37	
71-43-2	Benzene	1.0 U	1.0	0.10	
75-27-4	Bromodichloromethane	1.0 U	1.0	0.15	
75-25-2	Bromoform	1.0 U	1.0	0.16	
74-83-9	Bromomethane	1.0 U	1.0	0.12	
56-23-5	Carbon Tetrachloride	1.0 U	1.0	0.10	
108-90-7	Chlorobenzene	1.0 U	1.0	0.13	
75-00-3	Chloroethane	1.0 U	1.0	0.15	
67-66-3	Chloroform	1.0 U	1.0	0.13	
74-87-3	Chloromethane	1.0 U	1.0	0.16	
124-48-1	Chlorodibromomethane	1.0 U	1.0	0.15	
75-71-8	Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.17	
75-09-2	Methylene Chloride	1.0 U	1.0	0.18	
100-41-4	Ethylbenzene	1.0 U	1.0	0.19	
127-18-4	Tetrachloroethene (PCE)	1.0 U	1.0	0.20	
108-88-3	Toluene	0.48 J	1.0	0.10	
79-01-6	Trichloroethene (TCE)	1.0 U	1.0	0.15	
75-69-4	Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.13	
75-01-4	Vinyl Chloride	1.0 U	1.0	0.14	
10061-01-5	cis-1,3-Dichloropropene	1.0 U	1.0	0.14	
156-60-5	trans-1,2-Dichloroethene	1.0 U	1.0	0.15	
10061-02-6	trans-1,3-Dichloropropene	1.0 U	1.0	0.10	



ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500150
 Date Collected: 1/ 7/15 1315
 Date Received: 1/ 8/15
 Date Analyzed: 1/8/15 16:42

Sample Name: 006D-1Q1M-1X-GV
 Lab Code: R1500150-001

Units: µg/L
 Basis: NA

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

Analytical Method: 624
 Data File Name: I:\ACQUDATA\MSVOA6\DATA\010815\L9749.D\

Analysis Lot: 428413
 Instrument Name: R-MS-06
 Dilution Factor: 1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	99	81-127	1/8/15 16:42	
4-Bromofluorobenzene	96	79-123	1/8/15 16:42	
Toluene-d8	99	83-120	1/8/15 16:42	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500150
 Date Collected: 1/ 7/15 1315
 Date Received: 1/ 8/15
 Date Extracted: 1/9/15
 Date Analyzed: 1/12/15 17:48

Sample Name: 006D-1Q1M-1X-GS
 Lab Code: R1500150-002

Units: µg/L
 Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
 Prep Method: EPA 3510C
 Data File Name: I:\ACQUDATA\5973D\Data\011215\BA631.D\

Analysis Lot: 428867
 Extraction Lot: 227018
 Instrument Name: R-MS-54
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
120-82-1	1,2,4-Trichlorobenzene	4.7 U	4.7	1.0	
122-66-7	1,2-Diphenylhydrazine	4.7 U	4.7	1.0	
88-06-2	2,4,6-Trichlorophenol	4.7 U	4.7	1.4	
120-83-2	2,4-Dichlorophenol	4.7 U	4.7	1.3	
105-67-9	2,4-Dimethylphenol	4.7 U	4.7	1.5	
51-28-5	2,4-Dinitrophenol	47 U	47	20	
121-14-2	2,4-Dinitrotoluene	4.7 U	4.7	1.6	
606-20-2	2,6-Dinitrotoluene	4.7 U	4.7	1.8	
91-58-7	2-Chloronaphthalene	4.7 U	4.7	1.0	
95-57-8	2-Chlorophenol	4.7 U	4.7	1.0	
88-75-5	2-Nitrophenol	4.7 U	4.7	1.4	
91-94-1	3,3'-Dichlorobenzidine	4.7 U	4.7	4.5	
534-52-1	4,6-Dinitro-o-cresol	47 U	47	11	
101-55-3	4-Bromophenyl Phenyl Ether	4.7 U	4.7	2.2	
59-50-7	4-Chloro-m-cresol	4.7 U	4.7	1.2	
7005-72-3	4-Chlorophenyl Phenyl Ether	4.7 U	4.7	1.2	
100-02-7	4-Nitrophenol	47 U	47	5.9	
83-32-9	Acenaphthene	4.7 U	4.7	1.0	
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	90	
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	1.0	
108-60-1	Bis(1-chloroisopropyl) Ether	4.7 U	4.7	1.0	
111-91-1	Bis(2-chloroethoxy)methane	4.7 U	4.7	2.2	
111-44-4	Bis(2-chloroethyl) Ether	4.7 U	4.7	1.3	
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	2.4	
218-01-9	Chrysene	4.7 U	4.7	1.0	
84-74-2	Di-n-butyl Phthalate	4.7 U	4.7	1.0	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500150
 Date Collected: 1/7/15 1315
 Date Received: 1/8/15
 Date Extracted: 1/9/15
 Date Analyzed: 1/12/15 17:48

Sample Name: 006D-1Q1M-1X-GS
 Lab Code: R1500150-002

Units: µg/L
 Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
 Prep Method: EPA 3510C
 Data File Name: I:\ACQUDATA\5973D\Data\011215\BA631.D\

Analysis Lot: 428867
 Extraction Lot: 227018
 Instrument Name: R-MS-54
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
117-84-0	Di-n-octyl Phthalate	4.7 U	4.7	1.2	
53-70-3	Dibenz(a,h)anthracene	4.7 U	4.7	1.3	
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	1.0	
118-74-1	Hexachlorobenzene	4.7 U	4.7	1.0	
87-68-3	Hexachlorobutadiene	4.7 U	4.7	1.3	
77-47-4	Hexachlorocyclopentadiene	4.7 U	4.7	1.0	
67-72-1	Hexachloroethane	4.7 U	4.7	1.2	
193-39-5	Indeno(1,2,3-cd)pyrene	4.7 U	4.7	1.2	
78-59-1	Isophorone	4.7 U	4.7	1.0	
621-64-7	N-Nitrosodi-n-propylamine	4.7 U	4.7	1.3	
62-75-9	N-Nitrosodimethylamine	4.7 U	4.7	1.0	
86-30-6	N-Nitrosodiphenylamine	4.7 U	4.7	1.0	
91-20-3	Naphthalene	4.7 U	4.7	1.0	
98-95-3	Nitrobenzene	4.7 U	4.7	1.6	
87-86-5	Pentachlorophenol (PCP)	47 U	47	6.9	
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	110	28-157	1/12/15 17:48	
2-Fluorobiphenyl	85	39-119	1/12/15 17:48	
2-Fluorophenol	47	10-105	1/12/15 17:48	
Nitrobenzene-d5	89	37-117	1/12/15 17:48	
Phenol-d6	31	10-107	1/12/15 17:48	
o-Terphenyl-d14	99	40-133	1/12/15 17:48	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500150
 Date Collected: 1/7/15 1315
 Date Received: 1/8/15
 Date Analyzed: 1/8/15 16:10

Sample Name: Trip Blank
 Lab Code: R1500150-003

Units: µg/L
 Basis: NA

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

Analytical Method: 624
 Data File Name: I:\ACQDATA\MSVOA6\DATA\010815\L9748.D\

Analysis Lot: 428413
 Instrument Name: R-MS-06
 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	0.13	
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.23	
79-00-5	1,1,2-Trichloroethane	1.0 U	1.0	0.12	
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	0.10	
107-06-2	1,2-Dichloroethane	1.0 U	1.0	0.18	
78-87-5	1,2-Dichloropropane	1.0 U	1.0	0.15	
541-73-1	1,3-Dichlorobenzene	1.0 U	1.0	0.10	
106-46-7	1,4-Dichlorobenzene	1.0 U	1.0	0.15	
110-75-8	2-Chloroethyl Vinyl Ether	10 U	10	0.64	
107-02-8	Acrolein	10 U	10	0.73	
107-13-1	Acrylonitrile	10 U	10	0.37	
71-43-2	Benzene	1.0 U	1.0	0.10	
75-27-4	Bromodichloromethane	1.0 U	1.0	0.15	
75-25-2	Bromoform	1.0 U	1.0	0.16	
74-83-9	Bromomethane	1.0 U	1.0	0.12	
56-23-5	Carbon Tetrachloride	1.0 U	1.0	0.10	
108-90-7	Chlorobenzene	1.0 U	1.0	0.13	
75-00-3	Chloroethane	1.0 U	1.0	0.15	
67-66-3	Chloroform	1.0 U	1.0	0.13	
74-87-3	Chloromethane	1.0 U	1.0	0.16	
124-48-1	Chlorodibromomethane	1.0 U	1.0	0.15	
75-71-8	Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.17	
75-09-2	Methylene Chloride	1.0 U	1.0	0.18	
100-41-4	Ethylbenzene	1.0 U	1.0	0.19	
127-18-4	Tetrachloroethene (PCE)	1.0 U	1.0	0.20	
108-88-3	Toluene	1.0 U	1.0	0.10	
79-01-6	Trichloroethene (TCE)	1.0 U	1.0	0.15	
75-69-4	Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.13	
75-01-4	Vinyl Chloride	1.0 U	1.0	0.14	
10061-01-5	cis-1,3-Dichloropropene	1.0 U	1.0	0.14	
156-60-5	trans-1,2-Dichloroethene	1.0 U	1.0	0.15	
10061-02-6	trans-1,3-Dichloropropene	1.0 U	1.0	0.10	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500150
 Date Collected: 1/ 7/15 1315
 Date Received: 1/ 8/15
 Date Analyzed: 1/8/15 16:10

Sample Name: Trip Blank
 Lab Code: R1500150-003

Units: µg/L
 Basis: NA

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

Analytical Method: 624
 Data File Name: I:\ACQUDATA\MSVOA6\DATA\010815\L9748.D\

Analysis Lot: 428413
 Instrument Name: R-MS-06
 Dilution Factor: 1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	100	81-127	1/8/15 16:10	
4-Bromofluorobenzene	97	79-123	1/8/15 16:10	
Toluene-d8	100	83-120	1/8/15 16:10	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500150
 Date Collected: NA
 Date Received: NA
 Date Analyzed: 1/8/15 12:19

Sample Name: Method Blank
 Lab Code: RQ1500318-14

Units: µg/L
 Basis: NA

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

Analytical Method: 624
 Data File Name: I:\ACQUDATA\MSVOA6\DATA\010815\L9741.D\

Analysis Lot: 428413
 Instrument Name: R-MS-06
 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	0.13	
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.23	
79-00-5	1,1,2-Trichloroethane	1.0 U	1.0	0.12	
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	0.10	
107-06-2	1,2-Dichloroethane	1.0 U	1.0	0.18	
78-87-5	1,2-Dichloropropane	1.0 U	1.0	0.15	
541-73-1	1,3-Dichlorobenzene	1.0 U	1.0	0.10	
106-46-7	1,4-Dichlorobenzene	1.0 U	1.0	0.15	
110-75-8	2-Chloroethyl Vinyl Ether	10 U	10	0.64	
107-02-8	Acrolein	10 U	10	0.73	
107-13-1	Acrylonitrile	10 U	10	0.37	
71-43-2	Benzene	1.0 U	1.0	0.10	
75-27-4	Bromodichloromethane	1.0 U	1.0	0.15	
75-25-2	Bromoform	1.0 U	1.0	0.16	
74-83-9	Bromomethane	1.0 U	1.0	0.12	
56-23-5	Carbon Tetrachloride	1.0 U	1.0	0.10	
108-90-7	Chlorobenzene	1.0 U	1.0	0.13	
75-00-3	Chloroethane	1.0 U	1.0	0.15	
67-66-3	Chloroform	1.0 U	1.0	0.13	
74-87-3	Chloromethane	1.0 U	1.0	0.16	
124-48-1	Chlorodibromomethane	1.0 U	1.0	0.15	
75-71-8	Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.17	
75-09-2	Methylene Chloride	1.0 U	1.0	0.18	
100-41-4	Ethylbenzene	1.0 U	1.0	0.19	
127-18-4	Tetrachloroethene (PCE)	1.0 U	1.0	0.20	
108-88-3	Toluene	1.0 U	1.0	0.10	
79-01-6	Trichloroethene (TCE)	1.0 U	1.0	0.15	
75-69-4	Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.13	
75-01-4	Vinyl Chloride	1.0 U	1.0	0.14	
10061-01-5	cis-1,3-Dichloropropene	1.0 U	1.0	0.14	
156-60-5	trans-1,2-Dichloroethene	1.0 U	1.0	0.15	
10061-02-6	trans-1,3-Dichloropropene	1.0 U	1.0	0.10	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500150
 Date Collected: NA
 Date Received: NA
 Date Analyzed: 1/8/15 12:19

Sample Name: Method Blank
 Lab Code: RQ1500318-14

Units: µg/L
 Basis: NA

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

Analytical Method: 624
 Data File Name: I:\ACQUDATA\MSVOA6\DATA\010815\L9741.D\

Analysis Lot: 428413
 Instrument Name: R-MS-06
 Dilution Factor: 1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	98	81-127	1/8/15 12:19	
4-Bromofluorobenzene	100	79-123	1/8/15 12:19	
Toluene-d8	100	83-120	1/8/15 12:19	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500150
 Date Collected: NA
 Date Received: NA
 Date Extracted: 1/9/15
 Date Analyzed: 1/12/15 13:55

Sample Name: Method Blank
 Lab Code: RQ1500266-01

Units: µg/L
 Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
 Prep Method: EPA 3510C
 Data File Name: I:\ACQUDATA\5973D\Data\011215\BA622.D\

Analysis Lot: 428867
 Extraction Lot: 227018
 Instrument Name: R-MS-54
 Dilution Factor: 1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	1.0	
122-66-7	1,2-Diphenylhydrazine	5.0	U	5.0	1.0	
88-06-2	2,4,6-Trichlorophenol	5.0	U	5.0	1.4	
120-83-2	2,4-Dichlorophenol	5.0	U	5.0	1.3	
105-67-9	2,4-Dimethylphenol	5.0	U	5.0	1.5	
51-28-5	2,4-Dinitrophenol	50	U	50	20	
121-14-2	2,4-Dinitrotoluene	5.0	U	5.0	1.6	
606-20-2	2,6-Dinitrotoluene	5.0	U	5.0	1.8	
91-58-7	2-Chloronaphthalene	5.0	U	5.0	1.0	
95-57-8	2-Chlorophenol	5.0	U	5.0	1.0	
88-75-5	2-Nitrophenol	5.0	U	5.0	1.4	
91-94-1	3,3'-Dichlorobenzidine	5.0	U	5.0	4.5	
534-52-1	4,6-Dinitro-o-cresol	50	U	50	11	
101-55-3	4-Bromophenyl Phenyl Ether	5.0	U	5.0	2.2	
59-50-7	4-Chloro-m-cresol	5.0	U	5.0	1.2	
7005-72-3	4-Chlorophenyl Phenyl Ether	5.0	U	5.0	1.2	
100-02-7	4-Nitrophenol	50	U	50	5.9	
83-32-9	Acenaphthene	5.0	U	5.0	1.0	
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	90	
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	1.0	
108-60-1	Bis(1-chloroisopropyl) Ether	5.0	U	5.0	1.0	
111-91-1	Bis(2-chloroethoxy)methane	5.0	U	5.0	2.2	
111-44-4	Bis(2-chloroethyl) Ether	5.0	U	5.0	1.3	
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	2.4	
218-01-9	Chrysene	5.0	U	5.0	1.0	
84-74-2	Di-n-butyl Phthalate	5.0	U	5.0	1.0	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500150
 Date Collected: NA
 Date Received: NA
 Date Extracted: 1/9/15
 Date Analyzed: 1/12/15 13:55

Sample Name: Method Blank
 Lab Code: RQ1500266-01

Units: µg/L
 Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
 Prep Method: EPA 3510C
 Data File Name: I:\ACQUDATA\5973D\Data\011215\BA622.D\

Analysis Lot: 428867
 Extraction Lot: 227018
 Instrument Name: R-MS-54
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
117-84-0	Di-n-octyl Phthalate	5.0 U	5.0	1.2	
53-70-3	Dibenz(a,h)anthracene	5.0 U	5.0	1.3	
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	1.0	
118-74-1	Hexachlorobenzene	5.0 U	5.0	1.0	
87-68-3	Hexachlorobutadiene	5.0 U	5.0	1.3	
77-47-4	Hexachlorocyclopentadiene	5.0 U	5.0	1.0	
67-72-1	Hexachloroethane	5.0 U	5.0	1.2	
193-39-5	Indeno(1,2,3-cd)pyrene	5.0 U	5.0	1.2	
78-59-1	Isophorone	5.0 U	5.0	1.0	
621-64-7	N-Nitrosodi-n-propylamine	5.0 U	5.0	1.3	
62-75-9	N-Nitrosodimethylamine	5.0 U	5.0	1.0	
86-30-6	N-Nitrosodiphenylamine	5.0 U	5.0	1.0	
91-20-3	Naphthalene	5.0 U	5.0	1.0	
98-95-3	Nitrobenzene	5.0 U	5.0	1.6	
87-86-5	Pentachlorophenol (PCP)	50 U	50	6.9	
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	111	28-157	1/12/15 13:55	
2-Fluorobiphenyl	90	39-119	1/12/15 13:55	
2-Fluorophenol	50	10-105	1/12/15 13:55	
Nitrobenzene-d5	87	37-117	1/12/15 13:55	
Phenol-d6	32	10-107	1/12/15 13:55	
p-Terphenyl-d14	107	40-133	1/12/15 13:55	

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

Service Request: R1500150

Date Analyzed: 1/8/15

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: 428413

Lab Control Sample
 RQ1500318-13

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	16.9	20.0	85	52 - 162
1,1,2,2-Tetrachloroethane	18.3	20.0	91	46 - 157
1,1,2-Trichloroethane	19.1	20.0	96	52 - 150
1,1-Dichloroethane (1,1-DCA)	19.6	20.0	98	59 - 155
1,1-Dichloroethene (1,1-DCE)	20.1	20.0	101	10 - 234
1,2-Dichlorobenzene	19.6	20.0	98	18 - 190
1,2-Dichloroethane	19.4	20.0	97	49 - 155
1,2-Dichloropropane	18.4	20.0	92	10 - 210
1,3-Dichlorobenzene	20.1	20.0	101	59 - 156
1,4-Dichlorobenzene	19.9	20.0	99	18 - 190
2-Chloroethyl Vinyl Ether	27.3	20.0	137	10 - 305
Acrolein	303	100	303 *	10 - 186
Acrylonitrile	102	100	102	84 - 128
Benzene	20.7	20.0	104	37 - 151
Bromodichloromethane	20.4	20.0	102	35 - 155
Bromoform	19.6	20.0	98	45 - 169
Bromomethane	18.3	20.0	92	10 - 242
Carbon Tetrachloride	19.0	20.0	95	70 - 140
Chlorobenzene	19.7	20.0	98	37 - 160
Chloroethane	18.7	20.0	94	14 - 230
Chloroform	21.3	20.0	107	51 - 138
Chloromethane	20.2	20.0	101	10 - 273
Chlorodibromomethane	20.8	20.0	104	53 - 149
Dichlorodifluoromethane (CFC 12)	20.9	20.0	104	64 - 130
Methylene Chloride	20.5	20.0	103	10 - 221
Ethylbenzene	19.8	20.0	99	37 - 162
Tetrachloroethene (PCE)	20.7	20.0	104	64 - 148
Toluene	20.5	20.0	103	47 - 150
Trichloroethene (TCE)	20.1	20.0	101	71 - 157
Trichlorofluoromethane (CFC 11)	21.2	20.0	106	17 - 181
Vinyl Chloride	21.0	20.0	105	10 - 251
cis-1,3-Dichloropropene	16.1	20.0	81	10 - 227
trans-1,2-Dichloroethene	21.3	20.0	107	54 - 156

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: R1500150
 Date Analyzed: 1/8/15

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: 428413

Analyte Name	Lab Control Sample RQ1500318-13			% Rec Limits
	Result	Spike Amount	% Rec	
trans-1,3-Dichloropropene	13.2	20.0	66	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.

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

Service Request: R1500150
 Date Analyzed: 1/12/15

Lab Control Sample Summary
 Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
 Prep Method: EPA 3510C

Units: µg/L
 Basis: NA

Extraction Lot: 227018

Analyte Name	Lab Control Sample RQ1500266-02			Duplicate Lab Control Sample RQ1500266-03			% Rec Limits	RPD	RPD Limit
	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
1,2,4-Trichlorobenzene	61.7	100	62	67.4	100	67	29 - 85	9	30
1,2-Diphenylhydrazine	99.1	100	99	103	100	103	57 - 117	4	30
2,4,6-Trichlorophenol	95.5	100	95	104	100	104	37 - 144	8	30
2,4-Dichlorophenol	93.3	100	93	97.6	100	98	39 - 135	4	30
2,4-Dimethylphenol	96.0	100	96	99.2	100	99	32 - 119	3	30
2,4-Dinitrophenol	91.7	100	92	92.5	100	93	10 - 191	<1	30
2,4-Dinitrotoluene	97.0	100	97	103	100	103	39 - 139	6	30
2,6-Dinitrotoluene	95.6	100	96	107	100	107	50 - 158	11	30
2-Chloronaphthalene	79.3	100	79	86.8	100	87	60 - 118	9	30
2-Chlorophenol	80.2	100	80	89.5	100	89	23 - 134	11	30
2-Nitrophenol	89.4	100	89	95.4	100	95	29 - 182	7	30
3,3'-Dichlorobenzidine	105	100	105	108	100	108	10 - 262	3	30
4,6-Dinitro-o-cresol	96.0	100	96	97.5	100	97	10 - 181	1	30
4-Bromophenyl Phenyl Ether	96.7	100	97	101	100	101	53 - 127	4	30
4-Chloro-m-cresol	97.2	100	97	103	100	103	22 - 147	5	30
4-Chlorophenyl Phenyl Ether	91.9	100	92	98.3	100	98	25 - 158	7	30
4-Nitrophenol	63.9	100	64	67.0	100	67	10 - 132	5	30
Acenaphthene	85.4	100	85	92.3	100	92	47 - 145	8	30
Acenaphthylene	88.1	100	88	94.9	100	95	33 - 145	7	30
Anthracene	94.3	100	94	98.0	100	98	27 - 133	4	30
Benz(a)anthracene	101	100	101	103	100	103	33 - 143	3	30
Benzidine	137	100	137	100 U	100	0 *	10 - 169	NC	30
Benzo(a)pyrene	99.1	100	99	104	100	104	17 - 163	4	30
3,4-Benzofluoranthene	99.3	100	99	102	100	102	24 - 159	2	30
Benzo(g,h,i)perylene	104	100	104	106	100	106	10 - 219	2	30
Benzo(k)fluoranthene	89.4	100	89	94.8	100	95	11 - 162	6	30
Bis(1-chloroisopropyl) Ether	86.9	100	87	97.1	100	97	36 - 166	11	30
Bis(2-chloroethoxy)methane	91.4	100	91	94.0	100	94	33 - 184	3	30
Bis(2-chloroethyl) Ether	73.3	100	73	84.8	100	85	12 - 158	14	30
Bis(2-ethylhexyl) Phthalate	111	100	111	115	100	115	10 - 158	4	30
Butyl Benzyl Phthalate	112	100	112	117	100	117	10 - 152	4	30
Chrysene	102	100	102	104	100	104	17 - 168	2	30
Di-n-butyl Phthalate	108	100	108	111	100	111	10 - 118	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: R1500150
 Date Analyzed: 1/12/15

Lab Control Sample Summary
 Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
 Prep Method: EPA 3510C

Units: µg/L
 Basis: NA

Extraction Lot: 227018

Analyte Name	Lab Control Sample RQ1500266-02			Duplicate Lab Control Sample RQ1500266-03			% Rec Limits	RPD	RPD Limit
	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
Di-n-octyl Phthalate	110	100	110	118	100	118	10 - 146	7	30
Dibenz(a,h)anthracene	104	100	104	106	100	106	10 - 227	2	30
Diethyl Phthalate	99.3	100	99	105	100	105	10 - 114	5	30
Dimethyl Phthalate	94.3	100	94	99.0	100	99	10 - 112	5	30
Fluoranthene	105	100	105	105	100	105	26 - 137	<1	30
Fluorene	89.5	100	90	94.3	100	94	59 - 121	5	30
Hexachlorobenzene	93.2	100	93	99.0	100	99	10 - 152	6	30
Hexachlorobutadiene	62.6	100	63	66.7	100	67	24 - 116	6	30
Hexachlorocyclopentadiene	69.1	100	69	81.3	100	81	28 - 98	16	30
Hexachloroethane	53.1	100	53	62.4	100	62	40 - 113	16	30
Indeno(1,2,3-cd)pyrene	103	100	103	105	100	105	10 - 171	2	30
Isophorone	93.2	100	93	100	100	100	21 - 196	7	30
N-Nitrosodi-n-propylamine	83.8	100	84	96.7	100	97	10 - 230	14	30
N-Nitrosodimethylamine	53.4	100	53	58.4	100	58	33 - 70	9	30
N-Nitrosodiphenylamine	95.0	100	95	99.3	100	99	50 - 117	4	30
Naphthalene	68.3	100	68	72.1	100	72	21 - 133	6	30
Nitrobenzene	92.3	100	92	93.5	100	94	35 - 180	1	30
Pentachlorophenol (PCP)	99.8	100	100	104	100	104	14 - 176	4	30
Phenanthrene	97.0	100	97	100	100	100	54 - 120	3	30
Phenol	36.6	100	37	41.7	100	42	10 - 112	13	30
Pyrene	108	100	108	112	100	112	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.



Cooler Receipt and Preservation Check Form

R1500150
Veolia Water North America
GE -Pittsfield NPDES

5



Project/Client A/E Pitts Folder Number 215-150

Cooler received on 1/8/15 by: @

COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were Custody seals on outside of cooler?	<input checked="" type="radio"/> Y <input type="radio"/> N
2	Custody papers properly completed (ink, signed)?	<input type="radio"/> Y <input checked="" type="radio"/> N
3	Did all bottles arrive in good condition (unbroken)?	<input type="radio"/> Y <input checked="" type="radio"/> N
4	Circle: <u>Wet Ice</u> Dry Ice Gel packs present?	<input type="radio"/> Y <input checked="" type="radio"/> N

5a	Perchlorate samples have required headspace?	Y N <u>NA</u>
5b	Did VOA vials, Alk, or Sulfide have sig* bubbles?	Y <input checked="" type="radio"/> N NA
6	Where did the bottles originate?	<u>ALS/ROS</u> CLIENT
7	Soil VOA received as: Bulk Encore 5035set	<u>NA</u>

8. Temperature Readings Date: 1/8/15 Time: 1035 ID: IR#3 IR#4 From: Temp Blank Sample Bottle

Observed Temp (°C)	<u>1.0</u>						
Correction Factor (°C)	<u>-0.1</u>						
Corrected Temp (°C)	<u>0.9°</u>						
Within 0-6°C?	<input checked="" type="radio"/> Y <input type="radio"/> N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted _____ Poorly Packed _____ Same Day Rule _____

& Client Approval to Run Samples: _____ Standing Approval _____ Client aware at drop-off _____ Client notified by: _____

All samples held in storage location: R-002 by @ on 1/8/15 at 103L
5035 samples placed in storage location: _____ by _____ on _____ at _____

PC Secondary Review: [Signature]

Cooler Breakdown: Date: 1/8/15 Time: 1225 by: @

- Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
- Did all bottle labels and tags agree with custody papers? YES NO
- Were correct containers used for the tests indicated? YES NO
- 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 ₂ SO ₄								
<4	NaHSO ₄								
Residual Chlorine (-)	For CN Phenol and 522			If +, contact PM to add Na ₂ S ₂ O ₃ (CN), ascorbic (phenol).					
	Na ₂ S ₂ O ₃	-	-						
	ZnAcetate	-	-						
	HCl	**	**						

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

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

Bottle lot numbers: 4-258-003, 050514-18LT
Other Comments: _____

PC Secondary Review: [Signature]

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



ALS Environmental
ALS Group USA, Corp
1565 Jefferson Rd, Building 300, Suite 360
Rochester, NY 14623
T: 585-288-5380
F: 585-288-8475
www.alsglobal.com

January 22, 2015

Analytical Report for Service Request No: R1500330

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

Laboratory Results for: GE -Pittsfield NPDES

Dear Mr. Coyle:

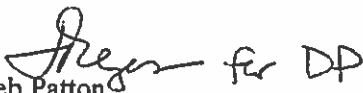
Enclosed are the results of the sample(s) submitted to our laboratory on January 15, 2015. For your reference, these analyses have been assigned our service request number R1500330.

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 ALS Environmental is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7473. You may also contact me via email at Deb.Patton@alsglobal.com.

Respectfully submitted,

ALS Group USA Corp. dba ALS Environmental


Deb Patton
Project Manager

Page 1 of 26

CASE NARRATIVE

This report contains analytical results for the following samples:
Service Request Number: R1500330

<u>Lab ID</u>	<u>Client ID</u>
R1500330-001	006D-1Q1M-2X-GV
R1500330-002	006D-1Q1M-2X-GS
R1500330-003	Trip Blank

00002

CASE NARRATIVE

Client: Veolia
Project: Pittsfield NPDES
Sample Matrix: Water

Service Request: R1500330
Date Received: 1/15/15

All analyses were performed consistent with the quality assurance program of ALS. This report contains analytical results for samples designated for Tier II deliverables. When appropriate to the method, method blank and LCS results have been reported with each analytical test.

Sample Receipt

Two samples and one trip blank were received at ALS on 1/15/15 in good condition except as noted on the cooler receipt and preservation check form. The samples were stored in a refrigerator at 1 - 6 °C upon receipt at the laboratory.

Volatile Organics by 624

The samples were analyzed within method required holding time.

All the initial and continuing calibration criteria were met.

All surrogate recoveries were acceptable.

The Method Blank was free of contamination.

The Laboratory Control Sample (LCS) recoveries were acceptable, with the exception of two compounds demonstrating a high bias. Associated sample results were non-detected.

No other analytical or QC problems were encountered.

Semi-Volatile Organics by 625

The sample was extracted and analyzed within method required holding time.

All the initial and continuing calibration criteria were met.

All surrogate recoveries were acceptable.

The Method Blank was free of contamination.

The Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) accuracy and precision were acceptable, with the exception of benzidine demonstrating zero recovery. The outliers have been qualified with an "**".

No other analytical or QC problems were encountered.

REPORT QUALIFIERS AND DEFINITIONS

- | | |
|---|--|
| <p>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.</p> <p>J Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Aroclors).</p> <p>B Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.</p> <p>E Inorganics- Concentration is estimated due to the serial dilution was outside control limits.</p> <p>E Organics- Concentration has exceeded the calibration range for that specific analysis.</p> <p>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.</p> <p>* 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.</p> <p>H Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.</p> <p># Spike was diluted out.</p> | <p>+ Correlation coefficient for MSA is <0.995.</p> <p>N Inorganics- Matrix spike recovery was outside laboratory limits.</p> <p>N Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.</p> <p>S Concentration has been determined using Method of Standard Additions (MSA).</p> <p>W Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.</p> <p>P Concentration >40% (25% for CLP) difference between the two GC columns.</p> <p>C Confirmed by GC/MS</p> <p>Q DoD reports: indicates a pesticide/Aroclor is not confirmed ($\geq 100\%$ Difference between two GC columns).</p> <p>X See Case Narrative for discussion.</p> <p>MRL Method Reporting Limit. Also known as:</p> <p>LOQ Limit of Quantitation (LOQ)
The lowest concentration at which the method analyte may be reliably quantified under the method conditions.</p> <p>MDL Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).</p> <p>LOD Limit of Detection. A value at or above the MDL which has been verified to be detectable.</p> <p>ND Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.</p> |
|---|--|

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

ALS ENVIRONMENTAL ROCHESTER
1565 JEFFERSON RD
BUILDING 300, SUITE 360
ROCHESTER, NY 14623-0000

Laboratory Director: LARRY LEWIS

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.

Jacques C. Parcarolo

Director, Division of Environmental Analysis

Issued: 01 JUL 2014

Expires: 30 JUN 2015

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 01 JUL 2014

M-NY032

ALS ENVIRONMENTAL ROCHESTER
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY)

Effective
Date

01 JUL 2014

Expiration 30 JUN 2015
Date

<u>Analytes</u>	<u>Methods</u>
ALUMINUM	EPA 200.7
ANTIMONY	EPA 200.7
ANTIMONY	EPA 200.8
ARSENIC	EPA 200.7
ARSENIC	EPA 200.8
BERYLLIUM	EPA 200.7
BERYLLIUM	EPA 200.8
CADMIUM	EPA 200.7
CADMIUM	EPA 200.8
CHROMIUM	EPA 200.7
CHROMIUM	EPA 200.8
COBALT	EPA 200.7
COBALT	EPA 200.8
COPPER	EPA 200.7
COPPER	EPA 200.8
IRON	EPA 200.7
LEAD	EPA 200.7
LEAD	EPA 200.8
MANGANESE	EPA 200.7
MANGANESE	EPA 200.8
MERCURY	EPA 245.1
MOLYBDENUM	EPA 200.7
MOLYBDENUM	EPA 200.8
NICKEL	EPA 200.7
NICKEL	EPA 200.8
SELENIUM	EPA 200.7
SELENIUM	EPA 200.8
SILVER	EPA 200.7
SILVER	EPA 200.8
THALLIUM	EPA 200.7
THALLIUM	EPA 200.8
VANADIUM	EPA 200.7
VANADIUM	EPA 200.8
ZINC	EPA 200.7
ZINC	EPA 200.8
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
ALKALINITY, TOTAL	SM 2320B

June 26, 2014

*= Provisional Certification

Page 1 of 2

00006

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 01 JUL 2014

M-NY032 ALS ENVIRONMENTAL ROCHESTER
ROCHESTER NY

NON POTABLE WATER (CHEMISTRY)

Effective Date 01 JUL 2014

Expiration Date 30 JUN 2015

<u>Analytes</u>	<u>Methods</u>
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 (WATER)	EPA 608

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500330
 Date Collected: 1/14/15 1320
 Date Received: 1/15/15
 Date Analyzed: 1/16/15 14:43

Sample Name: 006D-1Q1M-2X-GV
 Lab Code: R1500330-001

Units: µg/L
 Basis: NA

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

Analytical Method: 624
 Data File Name: I:\ACQUATA\MSVOA6\DATA\011615\L9858.D\

Analysis Lot: 429372
 Instrument Name: R-MS-06
 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	0.13	
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.23	
79-00-5	1,1,2-Trichloroethane	1.0 U	1.0	0.12	
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	0.10	
107-06-2	1,2-Dichloroethane	1.0 U	1.0	0.18	
78-87-5	1,2-Dichloropropane	1.0 U	1.0	0.15	
541-73-1	1,3-Dichlorobenzene	0.12 J	1.0	0.10	
106-46-7	1,4-Dichlorobenzene	0.84 J	1.0	0.15	
110-75-8	2-Chloroethyl Vinyl Ether	10 U	10	0.64	
107-02-8	Acrolein	10 U	10	0.73	
107-13-1	Acrylonitrile	10 U	10	0.37	
71-43-2	Benzene	1.0 U	1.0	0.10	
75-27-4	Bromodichloromethane	1.0 U	1.0	0.15	
75-25-2	Bromoform	1.0 U	1.0	0.16	
74-83-9	Bromomethane	1.0 U	1.0	0.12	
56-23-5	Carbon Tetrachloride	1.0 U	1.0	0.10	
108-90-7	Chlorobenzene	0.14 J	1.0	0.13	
75-00-3	Chloroethane	1.0 U	1.0	0.15	
67-66-3	Chloroform	1.0 U	1.0	0.13	
74-87-3	Chloromethane	1.0 U	1.0	0.16	
124-48-1	Chlorodibromomethane	1.0 U	1.0	0.15	
75-71-8	Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.17	
75-09-2	Methylene Chloride	0.48 J	1.0	0.18	
100-41-4	Ethylbenzene	1.0 U	1.0	0.19	
127-18-4	Tetrachloroethene (PCE)	1.0 U	1.0	0.20	
108-88-3	Toluene	1.2	1.0	0.10	
79-01-6	Trichloroethene (TCE)	1.0 U	1.0	0.15	
75-69-4	Trichlorofluoromethane (CFC 11)	0.13 J	1.0	0.13	
75-01-4	Vinyl Chloride	1.0 U	1.0	0.14	
10061-01-5	cis-1,3-Dichloropropene	1.0 U	1.0	0.14	
156-60-5	trans-1,2-Dichloroethene	1.0 U	1.0	0.15	
10061-02-6	trans-1,3-Dichloropropene	1.0 U	1.0	0.10	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500330
 Date Collected: 1/14/15 1320
 Date Received: 1/15/15
 Date Analyzed: 1/16/15 14:43

Sample Name: 006D-1Q1M-2X-GV
 Lab Code: R1500330-001

Units: µg/L
 Basis: NA

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

Analytical Method: 624
 Data File Name: I:\ACQU\DATA\MSVOA6\DATA\011615\L9858.D\

Analysis Lot: 429372
 Instrument Name: R-MS-06
 Dilution Factor: 1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	99	81-127	1/16/15 14:43	
4-Bromofluorobenzene	99	79-123	1/16/15 14:43	
Toluene-d8	99	83-120	1/16/15 14:43	



Analytical Report

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

Service Request: R1500330
Date Collected: 1/14/15
Date Received: 1/15/15
Date Analyzed: 1/16/15 1443

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

Sample Name: 006D-1Q1M-2X-GV
Lab Code: R1500330-001

Units: µg/L
Basis: NA

Analytical Method: 624

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

Comments: _____

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500330
 Date Collected: 1/14/15 1320
 Date Received: 1/15/15
 Date Extracted: 1/16/15
 Date Analyzed: 1/16/15 18:33

Sample Name: 006D-1Q1M-2X-GS
 Lab Code: R1500330-002

Units: µg/L
 Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
 Prep Method: EPA 3510C
 Data File Name: I:\ACQUDATA\5973D\Data\011615\BA670.D\

Analysis Lot: 429482
 Extraction Lot: 227439
 Instrument Name: R-MS-54
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
120-82-1	1,2,4-Trichlorobenzene	4.7 U	4.7	1.0	
122-66-7	1,2-Diphenylhydrazine	4.7 U	4.7	1.0	
88-06-2	2,4,6-Trichlorophenol	4.7 U	4.7	1.4	
120-83-2	2,4-Dichlorophenol	4.7 U	4.7	1.3	
105-67-9	2,4-Dimethylphenol	4.7 U	4.7	1.5	
51-28-5	2,4-Dinitrophenol	47 U	47	20	
121-14-2	2,4-Dinitrotoluene	4.7 U	4.7	1.6	
606-20-2	2,6-Dinitrotoluene	4.7 U	4.7	1.8	
91-58-7	2-Chloronaphthalene	4.7 U	4.7	1.0	
95-57-8	2-Chlorophenol	4.7 U	4.7	1.0	
88-75-5	2-Nitrophenol	4.7 U	4.7	1.4	
91-94-1	3,3'-Dichlorobenzidine	4.7 U	4.7	4.5	
534-52-1	4,6-Dinitro-o-cresol	47 U	47	11	
101-55-3	4-Bromophenyl Phenyl Ether	4.7 U	4.7	2.2	
59-50-7	4-Chloro-m-cresol	4.7 U	4.7	1.2	
7005-72-3	4-Chlorophenyl Phenyl Ether	4.7 U	4.7	1.2	
100-02-7	4-Nitrophenol	47 U	47	5.9	
83-32-9	Acenaphthene	4.7 U	4.7	1.0	
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	90	
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	1.0	
108-60-1	Bis(1-chloroisopropyl) Ether	4.7 U	4.7	1.0	
111-91-1	Bis(2-chloroethoxy)methane	4.7 U	4.7	2.2	
111-44-4	Bis(2-chloroethyl) Ether	4.7 U	4.7	1.3	
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	2.4	
218-01-9	Chrysene	4.7 U	4.7	1.0	
84-74-2	Di-n-butyl Phthalate	4.7 U	4.7	1.0	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500330
 Date Collected: 1/14/15 1320
 Date Received: 1/15/15
 Date Extracted: 1/16/15
 Date Analyzed: 1/16/15 18:33

Sample Name: 006D-1Q1M-2X-GS
 Lab Code: R1500330-002

Units: µg/L
 Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
 Prep Method: EPA 3510C
 Data File Name: I:\ACQUDATA\5973D\Data\011615\BA670.D\

Analysis Lot: 429482
 Extraction Lot: 227439
 Instrument Name: R-MS-54
 Dilution Factor: 1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
117-84-0	Di-n-octyl Phthalate	4.7	U	4.7	1.2	
53-70-3	Dibenz(a,h)anthracene	4.7	U	4.7	1.3	
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	1.0	
118-74-1	Hexachlorobenzene	4.7	U	4.7	1.0	
87-68-3	Hexachlorobutadiene	4.7	U	4.7	1.3	
77-47-4	Hexachlorocyclopentadiene	4.7	U	4.7	1.0	
67-72-1	Hexachloroethane	4.7	U	4.7	1.2	
193-39-5	Indeno(1,2,3-cd)pyrene	4.7	U	4.7	1.2	
78-59-1	Isophorone	4.7	U	4.7	1.0	
621-64-7	N-Nitrosodi-n-propylamine	4.7	U	4.7	1.3	
62-75-9	N-Nitrosodimethylamine	4.7	U	4.7	1.0	
86-30-6	N-Nitrosodiphenylamine	4.7	U	4.7	1.0	
91-20-3	Naphthalene	4.7	U	4.7	1.0	
98-95-3	Nitrobenzene	4.7	U	4.7	1.6	
87-86-5	Pentachlorophenol (PCP)	47	U	47	6.9	
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	100	28-157	1/16/15 18:33	
2-Fluorobiphenyl	79	39-119	1/16/15 18:33	
2-Fluorophenol	40	10-105	1/16/15 18:33	
Nitrobenzene-d5	79	37-117	1/16/15 18:33	
Phenol-d6	26	10-107	1/16/15 18:33	
p-Terphenyl-d14	78	40-133	1/16/15 18:33	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500330
 Date Collected: 1/14/15 1320
 Date Received: 1/15/15
 Date Analyzed: 1/16/15 14:12

Sample Name: Trip Blank
 Lab Code: R1500330-003

Units: µg/L
 Basis: NA

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

Analytical Method: 624
 Data File Name: I:\ACQUATA\MSVOA6\DATA\011615\L9857.D\

Analysis Lot: 429372
 Instrument Name: R-MS-06
 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	0.13	
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.23	
79-00-5	1,1,2-Trichloroethane	1.0 U	1.0	0.12	
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	0.10	
107-06-2	1,2-Dichloroethane	1.0 U	1.0	0.18	
78-87-5	1,2-Dichloropropane	1.0 U	1.0	0.15	
541-73-1	1,3-Dichlorobenzene	1.0 U	1.0	0.10	
106-46-7	1,4-Dichlorobenzene	1.0 U	1.0	0.15	
110-75-8	2-Chloroethyl Vinyl Ether	10 U	10	0.64	
107-02-8	Acrolein	10 U	10	0.73	
107-13-1	Acrylonitrile	10 U	10	0.37	
71-43-2	Benzene	1.0 U	1.0	0.10	
75-27-4	Bromodichloromethane	1.0 U	1.0	0.15	
75-25-2	Bromoform	1.0 U	1.0	0.16	
74-83-9	Bromomethane	1.0 U	1.0	0.12	
56-23-5	Carbon Tetrachloride	1.0 U	1.0	0.10	
108-90-7	Chlorobenzene	1.0 U	1.0	0.13	
75-00-3	Chloroethane	1.0 U	1.0	0.15	
67-66-3	Chloroform	1.0 U	1.0	0.13	
74-87-3	Chloromethane	1.0 U	1.0	0.16	
124-48-1	Chlorodibromomethane	1.0 U	1.0	0.15	
75-71-8	Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.17	
75-09-2	Methylene Chloride	1.0 U	1.0	0.18	
100-41-4	Ethylbenzene	1.0 U	1.0	0.19	
127-18-4	Tetrachloroethene (PCE)	1.0 U	1.0	0.20	
108-88-3	Toluene	1.0 U	1.0	0.10	
79-01-6	Trichloroethene (TCE)	1.0 U	1.0	0.15	
75-69-4	Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.13	
75-01-4	Vinyl Chloride	1.0 U	1.0	0.14	
10061-01-5	cis-1,3-Dichloropropene	1.0 U	1.0	0.14	
156-60-5	trans-1,2-Dichloroethene	1.0 U	1.0	0.15	
10061-02-6	trans-1,3-Dichloropropene	1.0 U	1.0	0.10	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500330
 Date Collected: 1/14/15 1320
 Date Received: 1/15/15
 Date Analyzed: 1/16/15 14:12

Sample Name: Trip Blank
 Lab Code: R1500330-003

Units: µg/L
 Basis: NA

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

Analytical Method: 624
 Data File Name: I:\ACQU\DATA\MSVOA6\DATA\011615\L9857.D\

Analysis Lot: 429372
 Instrument Name: R-MS-06
 Dilution Factor: 1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	100	81-127	1/16/15 14:12	
4-Bromofluorobenzene	97	79-123	1/16/15 14:12	
Toluene-d8	101	83-120	1/16/15 14:12	

Analytical Report

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

Service Request: R1500330
Date Collected: 1/14/15
Date Received: 1/15/15
Date Analyzed: 1/16/15 1412

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

Sample Name: Trip Blank
Lab Code: R1500330-003

Units: µg/L
Basis: NA

Analytical Method: 624

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

Comments: _____

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500330
 Date Collected: NA
 Date Received: NA
 Date Analyzed: 1/16/15 13:40

Sample Name: Method Blank
 Lab Code: RQ1500554-04

Units: µg/L
 Basis: NA

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

Analytical Method: 624
 Data File Name: I:\ACQUDATA\MSVOA6\DATA\011615\L9856.D

Analysis Lot: 429372
 Instrument Name: R-MS-06
 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	0.13	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.23	
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.12	
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	0.10	
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.18	
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.15	
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.10	
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15	
110-75-8	2-Chloroethyl Vinyl Ether	10	U	10	0.64	
107-02-8	Acrolein	10	U	10	0.73	
107-13-1	Acrylonitrile	10	U	10	0.37	
71-43-2	Benzene	1.0	U	1.0	0.10	
75-27-4	Bromodichloromethane	1.0	U	1.0	0.15	
75-25-2	Bromoform	1.0	U	1.0	0.16	
74-83-9	Bromomethane	1.0	U	1.0	0.12	
56-23-5	Carbon Tetrachloride	1.0	U	1.0	0.10	
108-90-7	Chlorobenzene	1.0	U	1.0	0.13	
75-00-3	Chloroethane	1.0	U	1.0	0.15	
67-66-3	Chloroform	1.0	U	1.0	0.13	
74-87-3	Chloromethane	1.0	U	1.0	0.16	
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.15	
75-71-8	Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.17	
75-09-2	Methylene Chloride	1.0	U	1.0	0.18	
100-41-4	Ethylbenzene	1.0	U	1.0	0.19	
127-18-4	Tetrachloroethene (PCE)	1.0	U	1.0	0.20	
108-88-3	Toluene	1.0	U	1.0	0.10	
79-01-6	Trichloroethene (TCE)	1.0	U	1.0	0.15	
75-69-4	Trichlorofluoromethane (CFC 11)	1.0	U	1.0	0.13	
75-01-4	Vinyl Chloride	1.0	U	1.0	0.14	
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.14	
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.15	
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.10	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500330
Date Collected: NA
Date Received: NA
Date Analyzed: 1/16/15 13:40

Sample Name: Method Blank
Lab Code: RQ1500554-04

Units: µg/L
Basis: NA

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

Analytical Method: 624
Data File Name: I:\ACQU\DATA\MSVOA6\DATA\011615\L9856.D\

Analysis Lot: 429372
Instrument Name: R-MS-06
Dilution Factor: 1

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
1,2-Dichloroethane-d4	99	81-127	1/16/15 13:40	
4-Bromofluorobenzene	100	79-123	1/16/15 13:40	
Toluene-d8	96	83-120	1/16/15 13:40	

Analytical Report

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

Service Request: R1500330
Date Collected: NA
Date Received: NA
Date Analyzed: 1/16/15 1340

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

Sample Name: Method Blank
Lab Code: RQ1500554-04

Units: µg/L
Basis: NA

Analytical Method: 624

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

Comments: _____

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500330
 Date Collected: NA
 Date Received: NA
 Date Extracted: 1/16/15
 Date Analyzed: 1/16/15 15:06

Sample Name: Method Blank
 Lab Code: RQ1500517-01

Units: µg/L
 Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
 Prep Method: EPA 3510C
 Data File Name: I:\ACQUATA\5973D\Data\011615\BA662.D\

Analysis Lot: 429482
 Extraction Lot: 227439
 Instrument Name: R-MS-54
 Dilution Factor: 1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	1.0	
122-66-7	1,2-Diphenylhydrazine	5.0	U	5.0	1.0	
88-06-2	2,4,6-Trichlorophenol	5.0	U	5.0	1.4	
120-83-2	2,4-Dichlorophenol	5.0	U	5.0	1.3	
105-67-9	2,4-Dimethylphenol	5.0	U	5.0	1.5	
51-28-5	2,4-Dinitrophenol	50	U	50	20	
121-14-2	2,4-Dinitrotoluene	5.0	U	5.0	1.6	
606-20-2	2,6-Dinitrotoluene	5.0	U	5.0	1.8	
91-58-7	2-Chloronaphthalene	5.0	U	5.0	1.0	
95-57-8	2-Chlorophenol	5.0	U	5.0	1.0	
88-75-5	2-Nitrophenol	5.0	U	5.0	1.4	
91-94-1	3,3'-Dichlorobenzidine	5.0	U	5.0	4.5	
534-52-1	4,6-Dinitro-o-cresol	50	U	50	11	
101-55-3	4-Bromophenyl Phenyl Ether	5.0	U	5.0	2.2	
59-50-7	4-Chloro-m-cresol	5.0	U	5.0	1.2	
7005-72-3	4-Chlorophenyl Phenyl Ether	5.0	U	5.0	1.2	
100-02-7	4-Nitrophenol	50	U	50	5.9	
83-32-9	Acenaphthene	5.0	U	5.0	1.0	
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	90	
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	1.0	
108-60-1	Bis(1-chloroisopropyl) Ether	5.0	U	5.0	1.0	
111-91-1	Bis(2-chloroethoxy)methane	5.0	U	5.0	2.2	
111-44-4	Bis(2-chloroethyl) Ether	5.0	U	5.0	1.3	
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	2.4	
218-01-9	Chrysene	5.0	U	5.0	1.0	
84-74-2	Di-n-butyl Phthalate	5.0	U	5.0	1.0	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

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

Service Request: R1500330
 Date Collected: NA
 Date Received: NA
 Date Extracted: 1/16/15
 Date Analyzed: 1/16/15 15:06

Sample Name: Method Blank
 Lab Code: RQ1500517-01

Units: µg/L
 Basis: NA

Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
 Prep Method: EPA 3510C
 Data File Name: I:\ACQUDATA\5973D\Data\011615\BA662.D\

Analysis Lot: 429482
 Extraction Lot: 227439
 Instrument Name: R-MS-54
 Dilution Factor: 1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
117-84-0	Di-n-octyl Phthalate	5.0	U	5.0	1.2	
53-70-3	Dibenz(a,h)anthracene	5.0	U	5.0	1.3	
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	1.0	
118-74-1	Hexachlorobenzene	5.0	U	5.0	1.0	
87-68-3	Hexachlorobutadiene	5.0	U	5.0	1.3	
77-47-4	Hexachlorocyclopentadiene	5.0	U	5.0	1.0	
67-72-1	Hexachloroethane	5.0	U	5.0	1.2	
193-39-5	Indeno(1,2,3-cd)pyrene	5.0	U	5.0	1.2	
78-59-1	Isophorone	5.0	U	5.0	1.0	
621-64-7	N-Nitrosodi-n-propylamine	5.0	U	5.0	1.3	
62-75-9	N-Nitrosodimethylamine	5.0	U	5.0	1.0	
86-30-6	N-Nitrosodiphenylamine	5.0	U	5.0	1.0	
91-20-3	Naphthalene	5.0	U	5.0	1.0	
98-95-3	Nitrobenzene	5.0	U	5.0	1.6	
87-86-5	Pentachlorophenol (PCP)	50	U	50	6.9	
85-01-8	Phenanthrene	5.0	U	5.0	1.0	
108-95-2	Phenol	5.0	U	5.0	1.0	
129-00-0	Pyrene	5.0	U	5.0	1.0	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	75	28-157	1/16/15 15:06	
2-Fluorobiphenyl	58	39-119	1/16/15 15:06	
2-Fluorophenol	39	10-105	1/16/15 15:06	
Nitrobenzene-d5	63	37-117	1/16/15 15:06	
Phenol-d6	24	10-107	1/16/15 15:06	
p-Terphenyl-d14	68	40-133	1/16/15 15:06	

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

Service Request: R1500330
 Date Analyzed: 1/16/15

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: 429372

Lab Control Sample
 RQ1500554-03

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	15.7	20.0	78	46 - 157
1,1,2-Trichloroethane	18.1	20.0	91	52 - 150
1,1-Dichloroethane (1,1-DCA)	20.4	20.0	102	59 - 155
1,1-Dichloroethene (1,1-DCE)	21.6	20.0	108	10 - 234
1,2-Dichlorobenzene	18.6	20.0	93	18 - 190
1,2-Dichloroethane	19.1	20.0	96	49 - 155
1,2-Dichloropropane	17.8	20.0	89	10 - 210
1,3-Dichlorobenzene	19.8	20.0	99	59 - 156
1,4-Dichlorobenzene	19.5	20.0	97	18 - 190
2-Chloroethyl Vinyl Ether	24.3	20.0	121	10 - 305
Acrolein	263	100	263 *	10 - 186
Acrylonitrile	89.7	100	90	84 - 128
Benzene	20.1	20.0	101	37 - 151
Bromodichloromethane	21.1	20.0	105	35 - 155
Bromoform	21.7	20.0	109	45 - 169
Bromomethane	22.7	20.0	114	10 - 242
Carbon Tetrachloride	22.5	20.0	112	70 - 140
Chlorobenzene	19.2	20.0	96	37 - 160
Chloroethane	20.9	20.0	105	14 - 230
Chloroform	21.9	20.0	109	51 - 138
Chloromethane	23.0	20.0	115	10 - 273
Chlorodibromomethane	22.1	20.0	110	53 - 149
Dichlorodifluoromethane (CFC 12)	28.3	20.0	141 *	64 - 130
Methylene Chloride	21.2	20.0	106	10 - 221
Ethylbenzene	19.1	20.0	95	37 - 162
Tetrachloroethene (PCE)	21.5	20.0	107	64 - 148
Toluene	20.2	20.0	101	47 - 150
Trichloroethene (TCE)	21.0	20.0	105	71 - 157
Trichlorofluoromethane (CFC 11)	23.7	20.0	118	17 - 181
Vinyl Chloride	23.8	20.0	119	10 - 251
cis-1,3-Dichloropropene	18.8	20.0	94	10 - 227
trans-1,2-Dichloroethene	22.0	20.0	110	54 - 156

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.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

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

Service Request: R1500330
Date Analyzed: 1/16/15

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: 429372

Lab Control Sample
RQ1500554-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
trans-1,3-Dichloropropene	17.9	20.0	90	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.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

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

Service Request: R1500330
 Date Analyzed: 1/16/15

Lab Control Sample Summary
 Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
 Prep Method: EPA 3510C

Units: µg/L
 Basis: NA

Extraction Lot: 227439

Analyte Name	Lab Control Sample RQ1500517-02			Duplicate Lab Control Sample RQ1500517-03			% Rec Limits	RPD	RPD Limit
	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
1,2,4-Trichlorobenzene	66.9	100	67	60.4	100	60	29 - 85	10	30
1,2-Diphenylhydrazine	99.4	100	99	91.3	100	91	57 - 117	8	30
2,4,6-Trichlorophenol	95.8	100	96	88.7	100	89	37 - 144	8	30
2,4-Dichlorophenol	93.8	100	94	89.2	100	89	39 - 135	5	30
2,4-Dimethylphenol	96.1	100	96	85.7	100	86	32 - 119	11	30
2,4-Dinitrophenol	98.1	100	98	94.6	100	95	10 - 191	4	30
2,4-Dinitrotoluene	102	100	102	100	100	100	39 - 139	2	30
2,6-Dinitrotoluene	101	100	101	98.8	100	99	50 - 158	2	30
2-Chloronaphthalene	81.0	100	81	76.6	100	77	60 - 118	6	30
2-Chlorophenol	83.1	100	83	76.7	100	77	23 - 134	8	30
2-Nitrophenol	89.7	100	90	87.1	100	87	29 - 182	3	30
3,3'-Dichlorobenzidine	100	100	100	87.3	100	87	10 - 262	14	30
4,6-Dinitro-o-cresol	104	100	104	98.5	100	98	10 - 181	5	30
4-Bromophenyl Phenyl Ether	93.9	100	94	87.0	100	87	53 - 127	8	30
4-Chloro-m-cresol	103	100	103	97.1	100	97	22 - 147	6	30
4-Chlorophenyl Phenyl Ether	93.2	100	93	92.0	100	92	25 - 158	1	30
4-Nitrophenol	68.4	100	68	62.9	100	63	10 - 132	8	30
Acenaphthene	87.3	100	87	82.9	100	83	47 - 145	5	30
Acenaphthylene	89.9	100	90	86.9	100	87	33 - 145	3	30
Anthracene	95.3	100	95	88.4	100	88	27 - 133	8	30
Benz(a)anthracene	98.9	100	99	91.5	100	91	33 - 143	8	30
Benzidine	100 U	100	0 *	100 U	100	0 *	10 - 169	NC	30
Benzo(a)pyrene	99.1	100	99	91.5	100	91	17 - 163	8	30
3,4-Benzofluoranthene	96.5	100	97	91.5	100	91	24 - 159	5	30
Benzo(g,h,i)perylene	104	100	104	97.4	100	97	10 - 219	6	30
Benzo(k)fluoranthene	89.9	100	90	84.3	100	84	11 - 162	6	30
Bis(1-chloroisopropyl) Ether	91.7	100	92	83.3	100	83	36 - 166	10	30
Bis(2-chloroethoxy)methane	93.7	100	94	85.8	100	86	33 - 184	9	30
Bis(2-chloroethyl) Ether	76.5	100	76	70.1	100	70	12 - 158	9	30
Bis(2-ethylhexyl) Phthalate	106	100	106	96.4	100	96	10 - 158	10	30
Butyl Benzyl Phthalate	107	100	107	98.9	100	99	10 - 152	8	30
Chrysene	99.6	100	100	93.6	100	94	17 - 168	6	30
Di-n-butyl Phthalate	108	100	108	101	100	101	10 - 118	7	30

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

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ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

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

Service Request: R1500330
 Date Analyzed: 1/16/15

Lab Control Sample Summary
 Semivolatile Organic Compounds by GC/MS

Analytical Method: 625
 Prep Method: EPA 3510C

Units: µg/L
 Basis: NA

Extraction Lot: 227439

Analyte Name	Lab Control Sample RQ1500517-02			Duplicate Lab Control Sample RQ1500517-03			% Rec Limits	RPD	RPD Limit
	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
Di-n-octyl Phthalate	106	100	106	97.1	100	97	10 - 146	9	30
Dibenz(a,h)anthracene	103	100	103	96.1	100	96	10 - 227	7	30
Diethyl Phthalate	103	100	103	98.7	100	99	10 - 114	4	30
Dimethyl Phthalate	97.9	100	98	94.6	100	95	10 - 112	3	30
Fluoranthene	108	100	108	101	100	101	26 - 137	7	30
Fluorene	92.9	100	93	89.1	100	89	59 - 121	4	30
Hexachlorobenzene	95.6	100	96	87.1	100	87	10 - 152	9	30
Hexachlorobutadiene	62.9	100	63	59.4	100	59	24 - 116	6	30
Hexachlorocyclopentadiene	66.0	100	66	64.3	100	64	28 - 98	3	30
Hexachloroethane	57.1	100	57	51.2	100	51	40 - 113	11	30
Indeno(1,2,3-cd)pyrene	103	100	102	95.0	100	95	10 - 171	8	30
Isophorone	97.7	100	98	92.9	100	93	21 - 196	5	30
N-Nitrosodi-n-propylamine	91.5	100	91	86.8	100	87	10 - 230	5	30
N-Nitrosodimethylamine	54.4	100	54	49.9	100	50	33 - 70	9	30
N-Nitrosodiphenylamine	97.4	100	97	89.2	100	89	50 - 117	9	30
Naphthalene	70.8	100	71	66.4	100	66	21 - 133	6	30
Nitrobenzene	94.8	100	95	86.0	100	86	35 - 180	10	30
Pentachlorophenol (PCP)	96.7	100	97	90.2	100	90	14 - 176	7	30
Phenanthrene	98.4	100	98	91.3	100	91	54 - 120	8	30
Phenol	41.5	100	42	37.4	100	37	10 - 112	10	30
Pyrene	102	100	102	96.7	100	97	52 - 115	6	30

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

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



Cooler Receipt and Preservation Check Form

R1500330

Veolia Water North America
GE - Pittsfield NPDES

5



Project/Client Second Elitric Folder Number R15-330

Cooler received on 1/15/15 by: Q

COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were Custody seals on outside of cooler?	<input checked="" type="radio"/> Y	<input type="radio"/> N
2	Custody papers properly completed (ink, signed)?	<input checked="" type="radio"/> Y	<input type="radio"/> N
3	Did all bottles arrive in good condition (unbroken)?	<input checked="" type="radio"/> Y	<input type="radio"/> N
4	Circle: <u>Wet Ice</u> Dry Ice Gel packs present?	<input checked="" type="radio"/> Y	<input type="radio"/> N

5a	Perchlorate samples have required headspace?	<input type="radio"/> Y	<input type="radio"/> N	<input checked="" type="radio"/> NA
5b	Did VOA vials, Alk, or Sulfide have sig* bubbles?	<input type="radio"/> Y	<input checked="" type="radio"/> N	<input type="radio"/> NA
6	Where did the bottles originate?	<u>ALS/ROC</u> CLIENT		
7	Soil VOA received as:	Bulk	Encore	5035set <input checked="" type="radio"/> NA

8. Temperature Readings Date: 1/15/15 Time: 1012 ID: IR#3 IR#4 From: Temp Blank Sample Bottle

Observed Temp (°C)	<u>2.7</u>							
Correction Factor (°C)	<u>-1.3</u>							
Corrected Temp (°C)	<u>1.4°</u>							
Within 0-6°C?	<input checked="" type="radio"/> Y	<input type="radio"/> N	<input type="radio"/> Y	<input type="radio"/> N	<input type="radio"/> Y	<input type="radio"/> N	<input type="radio"/> Y	<input type="radio"/> N

If out of Temperature, note packing/ice condition: _____ Ice melted _____ Poorly Packed _____ Same Day Rule _____

& Client Approval to Run Samples: _____ Standing Approval _____ Client aware at drop-off _____ Client notified by: _____

All samples held in storage location: R-002 by Q on 1/15/15 at 1013
5035 samples placed in storage location: _____ by _____ on _____ at _____

PC Secondary Review: [Signature]

Cooler Breakdown: Date: 1/15/15 Time: 1243 by: QW

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

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 ₂ SO ₄								
<4	NaHSO ₄								
Residual Chlorine (-)	For CN Phenol and 522			If +, contact PM to add Na ₂ S ₂ O ₃ (CN), ascorbic (phenol).					
	Na ₂ S ₂ O ₃	-	-						
	ZnAcetate	-	-						
	HCl	**	**						

Yes=All samples OK

No=Samples were preserved at The lab as listed

PM OK to Adjust: _____

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

Bottle lot numbers: 10064-1BLT, 4-258-003

Other Comments: _____

PC Secondary Review: [Signature]

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

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

Form Approved
OMB No. 2040-0004

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

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

FACILITY: GENERAL ELECTRIC COMPANY

LOCATION: 159 PLASTICS AVE
PITTSFIELD, MA 01201

ATTN: Andrew T. Silfer, Exec Mgr. En

MA0003891	W006-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
01/01/2015	01/31/2015

DMR Mailing ZIP CODE: 01201

MAJOR (SUBR W)
OUTFALL 006 WET WEATHER
External Outfall

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	*****	*****	*****	NODI (9)	*****	NODI (9)				
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	NODI (9)	NODI (9)		NODI (9)	*****	NODI (9)				
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	mg/L		Three per Quarter	COMPOS
Oil & Grease	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NODI (9)				
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls [PCBs]	SAMPLE MEASUREMENT	NODI (9)	NODI (9)		NODI (9)	*****	NODI (9)				
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	ug/L		Three per Quarter	COMPOS
Rainfall	SAMPLE MEASUREMENT	0.82	1.30	IN	*****	*****	*****	*****	0	DAILY WITH DISCHARGE	TOTALZ
46529 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	*****	*****	*****	*****	0	Daily when Discharging	TOTALZ
Flow, total	SAMPLE MEASUREMENT	0.2530	0.3954	MGD	*****	*****	*****	*****	0	CONT	RECORD
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	MGD	*****	*****	*****	*****		Continuous	Recorder (auto)

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Andrew T. Silfer, PE Exec Mgr. Env Remediation TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Andrew T. Silfer</i>	TELEPHONE	DATE
			(413) 448-5902 AREA Code NUMBER	2/26/2015 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: Andrew T. Silfer, Exec Mgr. En

MA0003891	W06A-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
01/01/2015	01/31/2015

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	*****	*****	*****		*****					
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM	SU		Quarterly	GRAB
Solids, total suspended	SAMPLE MEASUREMENT					*****					
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	mg/L		Quarterly	COMPOS
Oil & Grease	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****					
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	15 DAILY MX	mg/L		Quarterly	GRAB
Polychlorinated biphenyls (PCBs)	SAMPLE MEASUREMENT					*****					
39516 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	Req. Mon. MO AVG	*****	Req. Mon. DAILY MX	ug/L		Quarterly	COMPOS
Rainfall	SAMPLE MEASUREMENT				*****	*****	*****	*****			
46529 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	*****	*****	*****	*****		Daily when Discharging	TOTALZ
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT				*****	*****	*****	*****			
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	MGD	*****	*****	*****	*****		Continuous	Recorder (auto)
Number of Events	SAMPLE MEASUREMENT		*****		*****	*****	*****	*****			
51484 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. TOTAL	*****	#	*****	*****	*****	*****		Daily when Discharging	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Andrew T. Silfer, PE Exec. Mgr. Env. Remediation TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Andrew T. Silfer</i>	TELEPHONE	DATE
			(413) 448-5902 AREA Code NUMBER	2/26/2015 MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
SEE PAGE 11 OF PERMIT. FLOW TOTAL SEE FOOTNOTE 4.

NO DISCHARGE

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

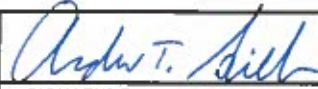
MA0003891	W06A-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
01/01/2015	01/31/2015

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

No Discharge

ATTN: Andrew T. Silfer, Exec Mgr. En

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
Andrew T. Silfer, PE Exec Mgr. Env. Remediation			(413) 448-5902	2/26/2015
TYPED OR PRINTED			AREA Code	NUMBER

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
SEE PAGE 11 OF PERMIT. FLOW TOTAL SEE FOOTNOTE 4.

NO DISCHARGE

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
01/01/15									0.00	0.00
01/02/15									0.00	0.00
01/03/15									0.00	0.00
01/04/15									0.79	0.13
01/05/15									0.34	0.11
01/06/15									0.00	0.00
01/07/15									0.00	0.00
01/08/15									0.00	0.00
01/09/15									0.05	0.03
01/10/15									0.01	0.01
01/11/15									0.00	0.00
01/12/15									0.17	0.08
01/13/15									0.27	0.07
01/14/15									0.00	0.00
01/15/15									0.00	0.00
01/16/15									0.00	0.00
01/17/15									0.00	0.00
01/18/15									0.00	0.00
01/19/15									1.30	0.22
01/20/15									0.00	0.00
01/21/15									0.00	0.00
01/22/15									0.00	0.00
01/23/15									0.00	0.00
01/24/15									0.06	0.04
01/25/15									0.10	0.03
01/26/15									0.01	0.01
01/27/15									0.09	0.04
01/28/15									0.07	0.03
01/29/15									0.00	0.00
01/30/15									0.08	0.02
01/31/15									0.04	0.01

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: Andrew T. Silfer, Exec Mgr. En

MA0003891	SRO5-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
01/01/2015	01/31/2015

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				*****	*****	*****	*****			
46529 10 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	*****	*****	*****	*****		Daily when Discharging	TOTALZ
Number of Events	SAMPLE MEASUREMENT		*****		*****	*****	*****	*****			
51484 10 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. TOTAL	*****	#	*****	*****	*****	*****		Daily when Discharging	VISUAL
Flow, total	SAMPLE MEASUREMENT				*****	*****	*****	*****			
82220 10 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	MGD	*****	*****	*****	*****		Daily when Discharging	Recorder (auto)

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Andrew T. Silfer, PE Exec Mgr, Env Remediation TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Andrew T. Silfer</i>	TELEPHONE	DATE
			(413) 448-5902 AREA Code NUMBER	2/16/2015 MM/DD/YYYY

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

TOTAL FLOW SEE FOOTNOTE 3.

NO DISCHARGE

Attachment E - Outfall SR05A

Date	Metered Flow - MGD	Rain/Precip Total - In	Rain/Precip Peak - In
01/01/15		0.00	0.00
01/02/15		0.00	0.00
01/03/15		0.00	0.00
01/04/15		0.79	0.13
01/05/15		0.34	0.11
01/06/15		0.00	0.00
01/07/15		0.00	0.00
01/08/15		0.00	0.00
01/09/15		0.05	0.03
01/10/15		0.01	0.01
01/11/15		0.00	0.00
01/12/15		0.17	0.08
01/13/15		0.27	0.07
01/14/15		0.00	0.00
01/15/15		0.00	0.00
01/16/15		0.00	0.00
01/17/15		0.00	0.00
01/18/15		0.00	0.00
01/19/15		1.30	0.22
01/20/15		0.00	0.00
01/21/15		0.00	0.00
01/22/15		0.00	0.00
01/23/15		0.00	0.00
01/24/15		0.06	0.04
01/25/15		0.10	0.03
01/26/15		0.01	0.01
01/27/15		0.09	0.04
01/28/15		0.07	0.03
01/29/15		0.00	0.00
01/30/15		0.08	0.02
01/31/15		0.04	0.01

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

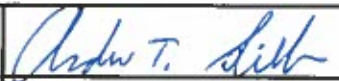
MA0003891	09B-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
01/01/2015	01/31/2015

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

No Discharge

ATTN: Andrew T. Silfer, Exec Mgr. En

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 per 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 per Quarter	COMP24
Rainfall	SAMPLE MEASUREMENT	0.34	0.34	IN	*****	*****	*****	*****	0	CONT	RECORD
46529 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	in	*****	*****	*****	*****		Continuous	Recorder (auto)
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.0068	0.1551	MGD	*****	*****	*****	*****	0	CONT	RECORD
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	MGD	*****	*****	*****	*****		Continuous	Recorder (auto)
Flow, total	SAMPLE MEASUREMENT	0.0123	0.0123	MGD	*****	*****	*****	*****	0	CONT	RECORD
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	MGD	*****	*****	*****	*****		Continuous	Recorder (auto)

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Andrew T. Silfer, PE Exec. Mgr. Env. Remediation TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	TELEPHONE	DATE
			(413) 448-5907 AREA Code NUMBER	2/26/2015 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
01/01/15								0	0.00	0.00
01/02/15								0	0.00	0.00
01/03/15								0	0.00	0.00
01/04/15	7.70			U4.10	G			0.0344	0.79	0.13
01/05/15		1.50	C					0.0123	0.34	0.11
01/06/15								0	0.00	0.00
01/07/15								0	0.00	0.00
01/08/15								0	0.00	0.00
01/09/15								0	0.05	0.03
01/10/15								0	0.01	0.01
01/11/15								0	0.00	0.00
01/12/15								0	0.17	0.08
01/13/15								0	0.27	0.07
01/14/15								0	0.00	0.00
01/15/15								0	0.00	0.00
01/16/15								0	0.00	0.00
01/17/15								0	0.00	0.00
01/18/15								0	0.00	0.00
01/19/15								0.1551	1.30	0.22
01/20/15								0.0083	0.00	0.00
01/21/15								0	0.00	0.00
01/22/15								0	0.00	0.00
01/23/15								0	0.00	0.00
01/24/15								0	0.06	0.04
01/25/15								0	0.10	0.03
01/26/15								0	0.01	0.01
01/27/15								0	0.09	0.04
01/28/15								0	0.07	0.03
01/29/15								0	0.00	0.00
01/30/15								0	0.08	0.02
01/31/15								0	0.04	0.01

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

MA0003891	D009-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
01/01/2015	01/31/2015

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

No Discharge

ATTN: Andrew T. Silfer, Exec Mgr. En

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

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

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
SEE PAGE 13 OF PERMIT. FLOW TOTAL SEE FOOTNOTE 4.

NO DISCHARGE

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
01/01/15											0.00	0.00
01/02/15											0.00	0.00
01/03/15											0.00	0.00
01/04/15											0.79	0.13
01/05/15											0.34	0.11
01/06/15								0			0.00	0.00
01/07/15											0.00	0.00
01/08/15											0.00	0.00
01/09/15											0.05	0.03
01/10/15											0.01	0.01
01/11/15								0			0.00	0.00
01/12/15											0.17	0.08
01/13/15											0.27	0.07
01/14/15											0.00	0.00
01/15/15											0.00	0.00
01/16/15											0.00	0.00
01/17/15											0.00	0.00
01/18/15								0			0.00	0.00
01/19/15											1.30	0.22
01/20/15											0.00	0.00
01/21/15											0.00	0.00
01/22/15											0.00	0.00
01/23/15											0.00	0.00
01/24/15											0.00	0.00
01/25/15											0.06	0.04
01/26/15											0.10	0.03
01/27/15											0.01	0.01
01/28/15											0.09	0.04
01/29/15								0			0.07	0.03
01/30/15											0.00	0.00
01/31/15											0.08	0.02
											0.04	0.01

- 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

MA0003891	W009-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
01/01/2015	01/31/2015

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

No Discharge

ATTN: Andrew T. Silfer, Exec Mgr. En

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 per 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 per Quarter	COMPOS
Flow, total	SAMPLE MEASUREMENT	0.0837	0.1551	MGD	*****	*****	*****	*****	0	CONT	REC'D
82220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	MGD	*****	*****	*****	*****		Continuous	Recorder (auto)

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
Andrew T. Silfer, PE Exec. Mgr. Env. Remediation TYPED OR PRINTED			(413) 448-5902	2/26/2015
			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