



*Transmitted via Overnight Courier*

May 10, 2004

Mr. Michael Nalipinski  
EPA Project Manager  
U.S. Environmental Protection Agency  
Region I  
One Congress Street, Suite 1100  
Boston, MA 02114-2023

Ms. Susan Steenstrup  
Acting Section Chief, Special Projects  
Bureau of Waste Site Cleanup  
Department of Environmental Protection  
436 Dwight Street  
Springfield, MA 01103

Re: **GE-Pittsfield/Housatonic River Site  
Monthly Status Report Pursuant to Consent Decree for April 2004 (GECD900)**

Dear Mr. Nalipinski and Ms. Steenstrup

Enclosed are copies of General Electric's (GE's) monthly progress report for April 2004 activities conducted by GE at the GE-Pittsfield/Housatonic River Site. This monthly report is submitted pursuant to Paragraph 67 of the Consent Decree (CD) for this Site, which was entered by the U.S. District Court on October 27, 2000.

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

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

Please call Andrew Silber or me if you have any questions.

Sincerely,

John F. Novotny, P.E.  
Manager - Facilities and Brownfields Programs

Enclosures

V:\GE\_Pittsfield\_Genera\Reports\Monthly Reports\2004\04-04 CD Monthly\cover-ltr.doc

cc: Tim Conway, EPA (cover letter only)  
Rose Howell (CD-ROM of Report)  
Holly Inglis, EPA  
Dean Tagliaferro, EPA  
K.C. Mitkevicius, USACE (CD-ROM of Report)  
Dawn Jamros, Weston (hard copy of report, CD-ROM of report, CD-ROM of data)  
Thomas Angus, MDEP (cover letter only)  
Robert Bell, MDEP (cover letter only)  
Anna Symington, MDEP (cover letter only)  
Nancy E. Harper, MA AG  
Susan Peterson, CT DEP  
Field Supervisor, US FWS, DOI  
Kenneth Finkelstein, Ph.D., NOAA (Items 13 - 15 only)  
Dale Young, MA EOE  
Mayor James Ruberto, City of Pittsfield  
Thomas Hickey, Director, Pittsfield Economic Development Authority  
Richard Nasman, P.E., Berkshire Gas (CD-ROM of report)  
Michael Carroll GE (CD-ROM of report)  
Andrew Silfer, GE (cover letter only)  
Rod McLaren, GE (CD-ROM of report)  
James Nuss, BBL  
James Bieke, Shea & Gardner  
Jim Rhea, QEA (narrative only)  
Teresa Bowers, Gradient  
Public Information Repositories (5 copies)  
GE Internal Repository (2 copies)

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

***APRIL 2004***

**MONTHLY STATUS REPORT  
PURSUANT TO CONSENT DECREE  
FOR  
GE-PITTSFIELD/HOUSATONIC RIVER  
SITE**

**GENERAL ELECTRIC COMPANY**



**PITTSFIELD, MASSACHUSETTS**

## **Background**

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

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

### **General Activities (GECD900)**

#### **GE Plant Area (non-groundwater)**

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

#### **Former Oxbow Areas (non-groundwater)**

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

#### **Housatonic River**

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

#### **Housatonic River Floodplain**

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

#### **Other Areas**

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

**Groundwater Management Areas (GMAs)**

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

**GENERAL ACTIVITIES  
GE-PITTSFIELD/HOUSATONIC RIVER SITE  
(GECD900)  
APRIL 2004**

**a. Activities Undertaken/Completed**

- Continued GE-EPA electronic data exchanges for the Housatonic River Watershed and Areas Outside the River.\*
- Attended Pittsfield Citizens Coordinating Council (CCC) meeting (April 7, 2004).

**b. Sampling/Test Results Received**

- Sample results were received for routine sampling conducted pursuant to GE's NPDES Permit for the GE facility. Sampling records and results are provided in Attachment A to this report.
- NPDES Discharge Monitoring Reports (DMRs) for the period of March 1 through March 31, 2004, are provided in Attachment B to this report.
- A report titled *Toxicity Evaluation of Wastewaters Discharged from the General Electric Plant; Pittsfield, Massachusetts (Samples Collected in April 2004)* was prepared for GE by CT&E Environmental Services, Inc (CT&E). A copy of that report is provided in Attachment C.

**c. Work Plans/Reports/Documents Submitted**

None

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

- Attend public, Pittsfield CCC, and Pittsfield Economic Development Authority (PEDA) meetings as appropriate.
- Continue NPDES sampling and monitoring activities.

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

**f. Proposed/Approved Work Plan Modifications**

None

**ITEM 1  
PLANT AREA  
20s, 30s, 40s COMPLEXES  
(GECD120)  
APRIL 2004**

**a. Activities Undertaken/Completed**

- Continued discussions with EPA, MDEP, and PEDDA regarding Grants of Environmental Restrictions and Easements (EREs) and other land transfer issues for the 20s and 30s Complexes.\*
- Continued discussions with holders of encumbrances at 20s and 30s Complexes regarding subordination agreements for EREs.\*
- Conducted miscellaneous sampling as identified in Table 1-1.
- Continued pre-demolition activities at Buildings 42, 43, and 44.
- Completed building material characterization sampling at Building 42 – namely paint sampling for TCLP parameters.
- Continued demolition activities at Building 40B.
- Performed ambient air sampling for particulate matter and PCBs around Building 40B during its demolition.
- Provided verbal notification to EPA/MDEP of potential threat of release in Building 43 elevator shaft. MDEP responded with Notice of Responsibility (NOR) letter on April 9, 2004 (see Attachment D).
- Received verbal approval from EPA to backfill Building 40B former vault area without use of concrete due to high groundwater table (April 21, 2004).
- Recovered 175 gallons of oil from Building 43 elevator shaft.

**b. Sampling/Test Results Received**

See attached tables.

**c. Work Plans/Reports/Documents Submitted**

Submitted written confirmation letter to EPA of previous verbal notification regarding pre-demolition equipment sampling at the 40s Complex (April 15, 2004).

**ITEM 1  
(cont'd)  
PLANT AREA  
20s, 30s, 40s COMPLEXES  
(GECD120)  
APRIL 2004**

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

- Continue discussions with EPA, MDEP, and PEDDA regarding EREs for the 20s and 30s Complexes and other land transfer issues.\*
- Continue discussions with encumbrance holders at 20s and 30s Complexes regarding subordination agreements.\*
- Continue pre-demolition activities (including asbestos abatement) at Buildings 42, 43, and 44.
- Submit report on additional sampling in 30s Complex (due on or before June 7, 2004).
- Complete Building 40B demolition and restoration activities.
- Provide response to MDEP NOR letter.

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

As noted above.

**f. Proposed/Approved Work Plan Modifications**

None



**TABLE 1-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**20s, 30s, 40s COMPLEX  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Depth (feet)</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
40's Complex Ceilings Paint Chip Sampling Program	42-PAINTCHIPS-C1	3/30/04	NA	Paint Chips	CT&E	TCLP-Metals	4/7/04
40's Complex Liquid Removal Program	43-2-4-GLYCOL-1	4/27/04	NA	Glycol	CT&E	GLYCOL	
40's Complex Oil Sampling	42-1-1-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	42-1-10-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	42-1-11-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	42-1-12-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	42-1-13-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	42-1-14-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	42-1-15-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	42-1-2-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	42-1-3-OIL-1	3/30/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	42-1-4-OIL-1	3/30/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	42-1-5-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	42-1-6-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	42-1-7-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	42-1-8-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	42-1-9-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	42-Rooftop-1-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	42-Rooftop-2-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	42-Rooftop-3-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	42-Rooftop-4-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	43-1-1-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	43-1-10-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	43-1-11-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	43-1-12-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	43-1-13-OIL-1	4/7/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	43-1-14-OIL-1	4/7/04	NA	Oil	CT&E	PCB, VOC	4/9/04
40's Complex Oil Sampling	43-1-2-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	43-1-3-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	43-1-4-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	43-1-5-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	43-1-6-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	43-1-7-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	43-1-8-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	43-1-9-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	43-2-3-OIL-1	3/25/04	NA	Oil	CT&E	PCB	4/7/04
40's Complex Oil Sampling	43-Rooftop-1-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	43-Rooftop-2-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	43-Rooftop-3-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	43-Rooftop-4-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	43-Rooftop-5-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	43-Rooftop-6-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	43-Rooftop-7-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	43-Rooftop-8-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	44-1-10	3/25/04	NA	Oil	CT&E	PCB	4/7/04
40's Complex Oil Sampling	44-1-11-OIL-1	3/25/04	NA	Oil	CT&E	PCB	4/7/04
40's Complex Oil Sampling	44-1-12-OIL-1	3/25/04	NA	Oil	CT&E	PCB	4/7/04
40's Complex Oil Sampling	44-1-14-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	44-1-15-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	44-1-2	3/25/04	NA	Oil	CT&E	PCB	4/7/04
40's Complex Oil Sampling	44-1-3	3/25/04	NA	Oil	CT&E	PCB	4/7/04

**TABLE 1-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**20s, 30s, 40s COMPLEX  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
40's Complex Oil Sampling	44-1-4-OIL-1	3/25/04	NA	Oil	CT&E	PCB	4/7/04
40's Complex Oil Sampling	44-1-5-OIL-1	3/25/04	NA	Oil	CT&E	PCB	4/7/04
40's Complex Oil Sampling	44-1-6	3/25/04	NA	Oil	CT&E	PCB	4/7/04
40's Complex Oil Sampling	44-1-7	3/25/04	NA	Oil	CT&E	PCB	4/7/04
40's Complex Oil Sampling	44-1-8	3/25/04	NA	Oil	CT&E	PCB	4/7/04
40's Complex Oil Sampling	44-1-9	3/25/04	NA	Oil	CT&E	PCB	4/7/04
40's Complex Oil Sampling	44-Rooftop-1-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	44-Rooftop-2-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	44-Rooftop-3-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	44-Rooftop-4-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	44-Rooftop-5-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	44-Rooftop-6-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40's Complex Oil Sampling	44-Rooftop-7-OIL-1	3/31/04	NA	Oil	CT&E	PCB	4/9/04
40B Vault Oil Sampling	40B-C0907-OIL-1	4/23/04	NA	Oil	CT&E	PCB	4/30/04
40B Vault Sampling Program	40BVAULT-WATER-1	4/8/04	NA	Water	CT&E	PCB, Metals, Flashpoint	4/14/04
Additional Soil Investigation - 30s Complex	RAA2-B1	3/18/04	1-6	Soil	CT&E	SVOC, Inorganics, PCB, VOC	4/16/04
Additional Soil Investigation - 30s Complex	RAA2-B1	3/18/04	4-6	Soil	CT&E	VOC	4/16/04
Additional Soil Investigation - 30s Complex	RAA2-DUP-1 (RAA2-G4)	3/16/04	1-6	Soil	CT&E	SVOC, Inorganics, PCB, VOC	4/16/04
Additional Soil Investigation - 30s Complex	RAA2-DUP-2 (RAA2-G4)	3/16/04	4-6	Soil	CT&E	VOC	4/16/04
Additional Soil Investigation - 30s Complex	RAA2-E1	3/18/04	1-6	Soil	CT&E	SVOC, Inorganics, PCB, VOC	4/16/04
Additional Soil Investigation - 30s Complex	RAA2-E1	3/18/04	4-6	Soil	CT&E	VOC	4/16/04
Additional Soil Investigation - 30s Complex	RAA2-G4	3/16/04	1-6	Soil	CT&E	SVOC, Inorganics, PCB, VOC	4/16/04
Additional Soil Investigation - 30s Complex	RAA2-G4	3/16/04	4-6	Soil	CT&E	VOC	4/16/04
Additional Soil Investigation - 30s Complex	RAA2-G9	3/17/04	1-6	Soil	CT&E	SVOC, Inorganics, PCB, VOC	4/16/04
Additional Soil Investigation - 30s Complex	RAA2-G9	3/17/04	4-6	Soil	CT&E	VOC	4/16/04
Additional Soil Investigation - 30s Complex	RAA2-H1	3/16/04	1-6	Soil	CT&E	SVOC, Inorganics, PCB, VOC	4/16/04
Additional Soil Investigation - 30s Complex	RAA2-H1	3/16/04	4-6	Soil	CT&E	VOC	4/16/04
Additional Soil Investigation - 30s Complex	RAA2-H3	3/16/04	1-6	Soil	CT&E	SVOC, Inorganics, PCB, VOC	4/16/04
Additional Soil Investigation - 30s Complex	RAA2-H3	3/16/04	4-6	Soil	CT&E	VOC	4/16/04
Additional Soil Investigation - 30s Complex	RAA2-I12	3/17/04	1-6	Soil	CT&E	SVOC, Inorganics, PCB, VOC	4/16/04
Additional Soil Investigation - 30s Complex	RAA2-I12	3/17/04	4-6	Soil	CT&E	VOC	4/16/04
Additional Soil Investigation - 30s Complex	RAA2-J5	3/19/04	1-6	Soil	CT&E	SVOC, Inorganics, PCB, VOC	4/9/04
Additional Soil Investigation - 30s Complex	RAA2-J5	3/19/04	1-3	Soil	CT&E	VOC	4/9/04
Additional Soil Investigation - 30s Complex	RAA2-J7	3/19/04	1-6	Soil	CT&E	SVOC, Inorganics, PCB, VOC	4/9/04
Additional Soil Investigation - 30s Complex	RAA2-J7	3/19/04	4-6	Soil	CT&E	VOC	4/9/04
Browns Pit Backfill Sampling for 40's Complex Demo	BROWNS-PIT-1	4/15/04	NA	Soil	CT&E	PCB, VOC, SVOC, Metals	4/26/04
Building 43 Hydraulic Elevator Piston Sampling	43-1-15-OIL-1	4/12/04	NA	Oil	CT&E	PCB	4/14/04
Decon Water Sampling Off-Site & On-Site Locations	B0692	4/12/04	NA	Water	CT&E	PCB	4/20/04
JACKSON DEMO PUE-KAM P-0111 Decon wipe sampling bag.	JACKSON-POINT-W1	4/23/04	NA	Wipe	CT&E	PCB	4/27/04
JACKSON DEMO PUE-KAM P-0111 Decon wipe sampling bag.	JACKSON-POINT-W2	4/23/04	NA	Wipe	CT&E	PCB	4/27/04
JACKSON DEMO PUE-KAM P-0111 Decon wipe sampling bag.	JACKSON-POINT-W3	4/23/04	NA	Wipe	CT&E	PCB	4/27/04
Ambient Air Particulate Matter Sampling	North of Bldg. 40B	4/7/04	NA	Air	Environmental	Particulate Matter	4/18/04
Ambient Air Particulate Matter Sampling	East of Bldg. 40B	4/7/04	NA	Air	Environmental	Particulate Matter	4/18/04
Ambient Air Particulate Matter Sampling	Background Location	4/7/04	NA	Air	Environmental	Particulate Matter	4/18/04
Ambient Air Particulate Matter Sampling	North of Bldg. 40B	4/8/04	NA	Air	Environmental	Particulate Matter	4/18/04
Ambient Air Particulate Matter Sampling	East of Bldg. 40B	4/8/04	NA	Air	Environmental	Particulate Matter	4/18/04
Ambient Air Particulate Matter Sampling	Background Location	4/8/04	NA	Air	Environmental	Particulate Matter	4/18/04
Ambient Air Particulate Matter Sampling	North of Bldg. 40B	4/9/04	NA	Air	Environmental	Particulate Matter	4/18/04
Ambient Air Particulate Matter Sampling	East of Bldg. 40B	4/9/04	NA	Air	Environmental	Particulate Matter	4/18/04
Ambient Air Particulate Matter Sampling	Background Location	4/9/04	NA	Air	Environmental	Particulate Matter	4/18/04
Ambient Air Particulate Matter Sampling	North of Bldg. 40B	4/12/04	NA	Air	Environmental	Particulate Matter	4/20/04

**TABLE 1-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**20s, 30s, 40s COMPLEX  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Depth (feet)</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Ambient Air Particulate Matter Sampling	East of Bldg. 40B	4/12/04	NA	Air	Environmental	Particulate Matter	4/20/04
Ambient Air Particulate Matter Sampling	Background Location	4/12/04	NA	Air	Environmental	Particulate Matter	4/20/04
Ambient Air Particulate Matter Sampling	North of Bldg. 40B	4/15/04	NA	Air	Environmental	Particulate Matter	4/20/04
Ambient Air Particulate Matter Sampling	East of Bldg. 40B	4/15/04	NA	Air	Environmental	Particulate Matter	4/20/04
Ambient Air Particulate Matter Sampling	Background Location	4/15/04	NA	Air	Environmental	Particulate Matter	4/20/04
Ambient Air Particulate Matter Sampling	North of Bldg. 40B	4/16/04	NA	Air	Environmental	Particulate Matter	4/20/04
Ambient Air Particulate Matter Sampling	East of Bldg. 40B	4/16/04	NA	Air	Environmental	Particulate Matter	4/20/04
Ambient Air Particulate Matter Sampling	Background Location	4/16/04	NA	Air	Environmental	Particulate Matter	4/20/04
Ambient Air Particulate Matter Sampling	North of Bldg. 40B	4/19/04	NA	Air	Environmental	Particulate Matter	4/27/04
Ambient Air Particulate Matter Sampling	East of Bldg. 40B	4/19/04	NA	Air	Environmental	Particulate Matter	4/27/04
Ambient Air Particulate Matter Sampling	Background Location	4/19/04	NA	Air	Environmental	Particulate Matter	4/27/04
Ambient Air Particulate Matter Sampling	North of Bldg. 40B	4/20/04	NA	Air	Environmental	Particulate Matter	4/27/04
Ambient Air Particulate Matter Sampling	East of Bldg. 40B	4/20/04	NA	Air	Environmental	Particulate Matter	4/27/04
Ambient Air Particulate Matter Sampling	Background Location	4/20/04	NA	Air	Environmental	Particulate Matter	4/27/04
Ambient Air Particulate Matter Sampling	North of Bldg. 40B	4/21/04	NA	Air	Environmental	Particulate Matter	4/27/04
Ambient Air Particulate Matter Sampling	East of Bldg. 40B	4/21/04	NA	Air	Environmental	Particulate Matter	4/27/04
Ambient Air Particulate Matter Sampling	Background Location	4/21/04	NA	Air	Environmental	Particulate Matter	4/27/04
Ambient Air Particulate Matter Sampling	North of Bldg. 40B	4/22/04	NA	Air	Environmental	Particulate Matter	4/27/04
Ambient Air Particulate Matter Sampling	East of Bldg. 40B	4/22/04	NA	Air	Environmental	Particulate Matter	4/27/04
Ambient Air Particulate Matter Sampling	Background Location	4/22/04	NA	Air	Environmental	Particulate Matter	4/27/04
Ambient Air Particulate Matter Sampling	North of Bldg. 40B	4/27/04	NA	Air	Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	East of Bldg. 40B	4/27/04	NA	Air	Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	Background Location	4/27/04	NA	Air	Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	North of Bldg. 40B	4/28/04	NA	Air	Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	East of Bldg. 40B	4/28/04	NA	Air	Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	Background Location	4/28/04	NA	Air	Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	North of Bldg. 40B	4/29/04	NA	Air	Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	East of Bldg. 40B	4/29/04	NA	Air	Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	Background Location	4/29/04	NA	Air	Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	North of Bldg. 40B	4/30/04	NA	Air	Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	East of Bldg. 40B	4/30/04	NA	Air	Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	Background Location	4/30/04	NA	Air	Environmental	Particulate Matter	5/3/04
PCB Ambient Air Sampling	North of Bldg. 40B	04/07 - 04/08/04	NA	Air	Environmental	PCB	4/18/04
PCB Ambient Air Sampling	North of Bldg. 40B colocated	04/07 - 04/08/04	NA	Air	Environmental	PCB	4/18/04
PCB Ambient Air Sampling	East of Bldg. 40B	04/07 - 04/08/04	NA	Air	Environmental	PCB	4/18/04
PCB Ambient Air Sampling	Background Inside GE Gate 31	04/07 - 04/08/04	NA	Air	Environmental	PCB	4/18/04

Notes:

1. Field duplicate sample locations are presented in parenthesis.

**TABLE 1-2  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**ADDITIONAL SOIL INVESTIGATION - 30'S COMPLEX  
20s, 30s, 40s COMPLEX  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	RAA2-B1 1-6 03/18/04	RAA2-B1 4-6 03/18/04	RAA2-E1 1-6 03/18/04	RAA2-E1 4-6 03/18/04
<b>Volatile Organics</b>					
Tetrachloroethene		NA	ND(0.0055)	NA	ND(0.0065)
Trichloroethene		NA	ND(0.0055)	NA	ND(0.0065)
<b>Semivolatile Organics</b>					
1,2,4-Trichlorobenzene		ND(0.36)	NA	ND(0.42)	NA
2-Methylnaphthalene		ND(0.36)	NA	ND(0.42)	NA
Acenaphthylene		ND(0.36)	NA	ND(0.42)	NA
Anthracene		ND(0.36)	NA	ND(0.42)	NA
Benzo(a)anthracene		0.37	NA	ND(0.42)	NA
Benzo(a)pyrene		0.19 J	NA	ND(0.42)	NA
Benzo(b)fluoranthene		0.18 J	NA	ND(0.42)	NA
Benzo(g,h,i)perylene		0.12 J	NA	ND(0.42)	NA
Benzo(k)fluoranthene		0.20 J	NA	ND(0.42)	NA
Chrysene		0.42	NA	ND(0.42)	NA
Dibenzofuran		ND(0.36)	NA	ND(0.42)	NA
Fluoranthene		0.71	NA	ND(0.42)	NA
Fluorene		ND(0.36)	NA	ND(0.42)	NA
Indeno(1,2,3-cd)pyrene		0.098 J	NA	ND(0.42)	NA
Naphthalene		ND(0.36)	NA	ND(0.42)	NA
Phenanthrene		0.47	NA	ND(0.42)	NA
Pyrene		0.77	NA	ND(0.42)	NA
<b>Furans</b>					
2,3,7,8-TCDF		0.000021 Y	NA	ND(0.00000013)	NA
TCDFs (total)		0.00017 I	NA	ND(0.00000013)	NA
1,2,3,7,8-PeCDF		0.0000051	NA	ND(0.00000015)	NA
2,3,4,7,8-PeCDF		0.0000092	NA	ND(0.00000011)	NA
PeCDFs (total)		0.00016 I	NA	ND(0.00000015)	NA
1,2,3,4,7,8-HxCDF		0.0000073	NA	ND(0.00000014)	NA
1,2,3,6,7,8-HxCDF		0.0000066 I	NA	ND(0.00000014)	NA
1,2,3,7,8,9-HxCDF		ND(0.00000028)	NA	ND(0.00000017)	NA
2,3,4,6,7,8-HxCDF		0.0000062	NA	ND(0.00000015)	NA
HxCDFs (total)		0.00010 I	NA	0.000019 I	NA
1,2,3,4,6,7,8-HpCDF		0.000021	NA	0.000014	NA
1,2,3,4,7,8,9-HpCDF		0.0000028	NA	ND(0.00000044)	NA
HpCDFs (total)		0.000052	NA	0.000071	NA
OCDF		0.000020	NA	0.000025	NA
<b>Dioxins</b>					
2,3,7,8-TCDD		ND(0.000000094)	NA	ND(0.00000011)	NA
TCDDs (total)		ND(0.000000094)	NA	ND(0.00000011)	NA
1,2,3,7,8-PeCDD		ND(0.00000033)	NA	ND(0.00000014)	NA
PeCDDs (total)		ND(0.00000033)	NA	ND(0.00000014)	NA
1,2,3,4,7,8-HxCDD		ND(0.00000019)	NA	ND(0.00000026)	NA
1,2,3,6,7,8-HxCDD		ND(0.00000019)	NA	ND(0.00000025)	NA
1,2,3,7,8,9-HxCDD		ND(0.00000019)	NA	ND(0.00000026)	NA
HxCDDs (total)		0.0000058	NA	0.0000049	NA
1,2,3,4,6,7,8-HpCDD		0.000015	NA	0.000040	NA
HpCDDs (total)		0.000024	NA	0.000049	NA
OCDD		0.000091 B	NA	0.000027 B	NA
Total TEQs (WHO TEFs)		0.0000096	NA	0.0000078	NA

**TABLE 1-2**  
**APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**ADDITIONAL SOIL INVESTIGATION - 30'S COMPLEX**  
**20s, 30s, 40s COMPLEX**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	RAA2-B1 1-6 03/18/04	RAA2-B1 4-6 03/18/04	RAA2-E1 1-6 03/18/04	RAA2-E1 4-6 03/18/04
<b>Inorganics</b>					
Antimony		ND(6.00)	NA	ND(6.00)	NA
Arsenic		6.50	NA	2.90	NA
Barium		42.0	NA	34.0	NA
Beryllium		0.210 B	NA	0.420 B	NA
Cadmium		0.540	NA	0.460 B	NA
Chromium		6.80	NA	8.40	NA
Cobalt		7.10	NA	10.0	NA
Copper		58.0	NA	16.0	NA
Cyanide		0.120 B	NA	ND(0.130)	NA
Lead		44.0	NA	7.70	NA
Mercury		1.10	NA	ND(0.130)	NA
Nickel		12.0	NA	18.0	NA
Selenium		1.30	NA	ND(1.00)	NA
Silver		ND(1.00)	NA	ND(1.00)	NA
Sulfide		47.0	NA	10.0	NA
Thallium		ND(1.10)	NA	ND(1.30)	NA
Tin		5.00 B	NA	2.10 B	NA
Vanadium		7.00	NA	9.80	NA
Zinc		88.0	NA	44.0	NA

**TABLE 1-2  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**ADDITIONAL SOIL INVESTIGATION - 30'S COMPLEX  
20s, 30s, 40s COMPLEX  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

<b>Parameter</b>	<b>Sample ID: Sample Depth(Feet): Date Collected:</b>	<b>RAA2-G4 1-6 03/16/04</b>	<b>RAA2-G4 4-6 03/16/04</b>
<b>Volatile Organics</b>			
Tetrachloroethene		NA	0.022 [0.011]
Trichloroethene		NA	0.042 [0.024]
<b>Semivolatile Organics</b>			
1,2,4-Trichlorobenzene		0.28 J [ND(0.40)]	NA
2-Methylnaphthalene		ND(0.40) [ND(0.40)]	NA
Acenaphthylene		0.11 J [ND(0.40)]	NA
Anthracene		0.17 J [0.10 J]	NA
Benzo(a)anthracene		0.35 J [0.21 J]	NA
Benzo(a)pyrene		0.17 J [0.081 J]	NA
Benzo(b)fluoranthene		0.20 J [0.099 J]	NA
Benzo(g,h,i)perylene		0.16 J [ND(0.40)]	NA
Benzo(k)fluoranthene		0.21 J [0.093 J]	NA
Chrysene		0.52 [0.31 J]	NA
Dibenzofuran		0.13 J [ND(0.40)]	NA
Fluoranthene		0.72 [0.57]	NA
Fluorene		ND(0.40) [ND(0.40)]	NA
Indeno(1,2,3-cd)pyrene		0.11 J [ND(0.40)]	NA
Naphthalene		0.25 J [0.27 J]	NA
Phenanthrene		0.65 [0.54]	NA
Pyrene		0.72 [0.56]	NA
<b>Furans</b>			
2,3,7,8-TCDF		0.000085 Y [0.00014 Y]	NA
TCDFs (total)		0.00050 I [0.0013 I]	NA
1,2,3,7,8-PeCDF		0.000027 [0.000037]	NA
2,3,4,7,8-PeCDF		0.000049 [0.000072]	NA
PeCDFs (total)		0.00041 I [0.0015 I]	NA
1,2,3,4,7,8-HxCDF		0.000037 [0.000053]	NA
1,2,3,6,7,8-HxCDF		0.000039 [0.000072 I]	NA
1,2,3,7,8,9-HxCDF		0.0000024 [0.0000022]	NA
2,3,4,6,7,8-HxCDF		0.000034 [0.00010]	NA
HxCDFs (total)		0.00094 I [0.0016 I]	NA
1,2,3,4,6,7,8-HpCDF		0.00013 [0.00019]	NA
1,2,3,4,7,8,9-HpCDF		0.000013 [0.000021]	NA
HpCDFs (total)		0.00041 [0.00047]	NA
OCDF		0.000057 [0.00011]	NA
<b>Dioxins</b>			
2,3,7,8-TCDD		ND(0.00000010) [0.0000014]	NA
TCDDs (total)		ND(0.00000010) [0.000017]	NA
1,2,3,7,8-PeCDD		ND(0.00000034) [ND(0.00000092)]	NA
PeCDDs (total)		ND(0.00000034) [ND(0.00000092)]	NA
1,2,3,4,7,8-HxCDD		0.0000018 [0.0000029]	NA
1,2,3,6,7,8-HxCDD		0.0000026 [ND(0.00000034)]	NA
1,2,3,7,8,9-HxCDD		0.0000024 [ND(0.00000035)]	NA
HxCDDs (total)		0.000027 [0.000046]	NA
1,2,3,4,6,7,8-HpCDD		0.000018 [0.000033]	NA
HpCDDs (total)		0.000035 [0.000062]	NA
OCDD		0.000080 B [0.00010]	NA
Total TEQs (WHO TEFs)		0.000048 [0.000079]	NA

**TABLE 1-2  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**ADDITIONAL SOIL INVESTIGATION - 30'S COMPLEX  
20s, 30s, 40s COMPLEX  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	RAA2-G4 1-6 03/16/04	RAA2-G4 4-6 03/16/04
<b>Inorganics</b>			
Antimony		ND(6.00) [ND(6.00)]	NA
Arsenic		14.0 [9.80]	NA
Barium		44.0 [37.0]	NA
Beryllium		0.230 B [0.170 B]	NA
Cadmium		0.460 B [0.400 B]	NA
Chromium		6.30 [5.20]	NA
Cobalt		5.30 [5.30]	NA
Copper		50.0 [37.0]	NA
Cyanide		0.620 [0.550]	NA
Lead		51.0 [41.0]	NA
Mercury		300 [230]	NA
Nickel		51.0 [66.0]	NA
Selenium		2.00 [1.40]	NA
Silver		ND(1.00) [0.120 B]	NA
Sulfide		48.0 [36.0]	NA
Thallium		ND(1.20) [ND(1.20)]	NA
Tin		5.40 B [4.60 B]	NA
Vanadium		22.0 [17.0]	NA
Zinc		77.0 [58.0]	NA

**TABLE 1-2  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**ADDITIONAL SOIL INVESTIGATION - 30'S COMPLEX  
20s, 30s, 40s COMPLEX  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	RAA2-G9 1-6 03/17/04	RAA2-G9 4-6 03/17/04	RAA2-H1 1-6 03/16/04	RAA2-H1 4-6 03/16/04
<b>Volatile Organics</b>					
Tetrachloroethene		NA	0.0038 J	NA	ND(0.0059)
Trichloroethene		NA	ND(0.0056)	NA	ND(0.0059)
<b>Semivolatile Organics</b>					
1,2,4-Trichlorobenzene		0.096 J	NA	0.12 J	NA
2-Methylnaphthalene		ND(0.37)	NA	ND(0.38)	NA
Acenaphthylene		ND(0.37)	NA	0.099 J	NA
Anthracene		ND(0.37)	NA	0.15 J	NA
Benzo(a)anthracene		ND(0.37)	NA	0.29 J	NA
Benzo(a)pyrene		ND(0.37)	NA	0.13 J	NA
Benzo(b)fluoranthene		ND(0.37)	NA	0.12 J	NA
Benzo(g,h,i)perylene		ND(0.37)	NA	0.079 J	NA
Benzo(k)fluoranthene		ND(0.37)	NA	0.13 J	NA
Chrysene		ND(0.37)	NA	0.34 J	NA
Dibenzofuran		ND(0.37)	NA	ND(0.38)	NA
Fluoranthene		ND(0.37)	NA	0.48	NA
Fluorene		ND(0.37)	NA	ND(0.38)	NA
Indeno(1,2,3-cd)pyrene		ND(0.37)	NA	ND(0.38)	NA
Naphthalene		ND(0.37)	NA	ND(0.38)	NA
Phenanthrene		ND(0.37)	NA	0.41	NA
Pyrene		ND(0.37)	NA	0.55	NA
<b>Furans</b>					
2,3,7,8-TCDF		0.000015 Y	NA	0.000032 Y	NA
TCDFs (total)		0.00062 I	NA	0.000053 I	NA
1,2,3,7,8-PeCDF		0.0000056	NA	ND(0.0000027)	NA
2,3,4,7,8-PeCDF		0.00012	NA	0.0000034	NA
PeCDFs (total)		0.0016 I	NA	0.00013 I	NA
1,2,3,4,7,8-HxCDF		0.000034	NA	0.0000044	NA
1,2,3,6,7,8-HxCDF		0.000036 I	NA	0.0000066 I	NA
1,2,3,7,8,9-HxCDF		0.0000069	NA	ND(0.0000038)	NA
2,3,4,6,7,8-HxCDF		0.000038	NA	0.0000053	NA
HxCDFs (total)		0.0012 I	NA	0.000096 I	NA
1,2,3,4,6,7,8-HpCDF		0.000081	NA	0.000012	NA
1,2,3,4,7,8,9-HpCDF		0.000013	NA	ND(0.0000035)	NA
HpCDFs (total)		0.00021	NA	0.000036	NA
OCDF		0.000059	NA	0.000021	NA
<b>Dioxins</b>					
2,3,7,8-TCDD		ND(0.0000012)	NA	ND(0.0000012)	NA
TCDDs (total)		0.0000063	NA	ND(0.0000012)	NA
1,2,3,7,8-PeCDD		ND(0.000016) X	NA	ND(0.000010)	NA
PeCDDs (total)		ND(0.000016)	NA	ND(0.000010)	NA
1,2,3,4,7,8-HxCDD		0.0000010	NA	ND(0.0000063)	NA
1,2,3,6,7,8-HxCDD		0.0000039	NA	ND(0.0000058)	NA
1,2,3,7,8,9-HxCDD		0.0000017	NA	ND(0.0000061)	NA
HxCDDs (total)		0.000014	NA	ND(0.0000063)	NA
1,2,3,4,6,7,8-HpCDD		0.000026	NA	0.000028	NA
HpCDDs (total)		0.000052	NA	0.000043	NA
OCDD		0.00025 B	NA	0.000097	NA
Total TEQs (WHO TEFs)		0.000076	NA	0.000047	NA



**TABLE 1-2  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**ADDITIONAL SOIL INVESTIGATION - 30'S COMPLEX  
20s, 30s, 40s COMPLEX  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	RAA2-G9 1-6 03/17/04	RAA2-G9 4-6 03/17/04	RAA2-H1 1-6 03/16/04	RAA2-H1 4-6 03/16/04
<b>Inorganics</b>					
Antimony		ND(6.00)	NA	ND(6.00)	NA
Arsenic		6.30	NA	6.50	NA
Barium		47.0	NA	32.0	NA
Beryllium		0.240 B	NA	0.160 B	NA
Cadmium		0.340 B	NA	0.350 B	NA
Chromium		5.20	NA	3.50	NA
Cobalt		3.80 B	NA	2.70 B	NA
Copper		26.0	NA	19.0	NA
Cyanide		ND(0.560)	NA	0.0940 B	NA
Lead		25.0	NA	16.0	NA
Mercury		0.250	NA	0.560	NA
Nickel		8.00	NA	6.30	NA
Selenium		0.860 B	NA	0.860 B	NA
Silver		0.210 B	NA	ND(1.00)	NA
Sulfide		23.0	NA	17.0	NA
Thallium		ND(1.10)	NA	ND(1.20)	NA
Tin		2.80 B	NA	4.00 B	NA
Vanadium		6.40	NA	8.00	NA
Zinc		36.0	NA	62.0	NA

**TABLE 1-2  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**ADDITIONAL SOIL INVESTIGATION - 30'S COMPLEX  
20s, 30s, 40s COMPLEX  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	RAA2-H3 1-6 03/16/04	RAA2-H3 4-6 03/16/04	RAA2-I12 1-6 03/17/04	RAA2-I12 4-6 03/17/04
<b>Volatile Organics</b>					
Tetrachloroethene		NA	ND(0.0054)	NA	ND(0.0055)
Trichloroethene		NA	ND(0.0054)	NA	ND(0.0055)
<b>Semivolatile Organics</b>					
1,2,4-Trichlorobenzene		ND(0.36)	NA	ND(0.36)	NA
2-Methylnaphthalene		ND(0.36)	NA	ND(0.36)	NA
Acenaphthylene		ND(0.36)	NA	ND(0.36)	NA
Anthracene		ND(0.36)	NA	ND(0.36)	NA
Benzo(a)anthracene		ND(0.36)	NA	ND(0.36)	NA
Benzo(a)pyrene		ND(0.36)	NA	ND(0.36)	NA
Benzo(b)fluoranthene		ND(0.36)	NA	ND(0.36)	NA
Benzo(g,h,i)perylene		ND(0.36)	NA	ND(0.36)	NA
Benzo(k)fluoranthene		ND(0.36)	NA	ND(0.36)	NA
Chrysene		ND(0.36)	NA	ND(0.36)	NA
Dibenzofuran		ND(0.36)	NA	ND(0.36)	NA
Fluoranthene		0.11 J	NA	ND(0.36)	NA
Fluorene		ND(0.36)	NA	ND(0.36)	NA
Indeno(1,2,3-cd)pyrene		ND(0.36)	NA	ND(0.36)	NA
Naphthalene		ND(0.36)	NA	ND(0.36)	NA
Phenanthrene		0.089 J	NA	ND(0.36)	NA
Pyrene		0.14 J	NA	ND(0.36)	NA
<b>Furans</b>					
2,3,7,8-TCDF		ND(0.00000072)	NA	ND(0.00000074)	NA
TCDFs (total)		ND(0.00000072)	NA	ND(0.00000074)	NA
1,2,3,7,8-PeCDF		ND(0.00000010)	NA	ND(0.00000010)	NA
2,3,4,7,8-PeCDF		ND(0.00000011)	NA	ND(0.00000076)	NA
PeCDFs (total)		ND(0.00000011)	NA	ND(0.00000010)	NA
1,2,3,4,7,8-HxCDF		ND(0.00000070)	NA	ND(0.00000072)	NA
1,2,3,6,7,8-HxCDF		ND(0.00000074)	NA	ND(0.00000072)	NA
1,2,3,7,8,9-HxCDF		ND(0.00000010)	NA	ND(0.00000080)	NA
2,3,4,6,7,8-HxCDF		ND(0.00000070)	NA	ND(0.00000082)	NA
HxCDFs (total)		0.0000064	NA	0.0000056	NA
1,2,3,4,6,7,8-HpCDF		ND(0.00000072)	NA	0.0000047	NA
1,2,3,4,7,8,9-HpCDF		ND(0.00000013)	NA	ND(0.00000018)	NA
HpCDFs (total)		ND(0.00000013)	NA	0.000016	NA
OCDF		ND(0.00000035)	NA	0.000012	NA
<b>Dioxins</b>					
2,3,7,8-TCDD		ND(0.00000044)	NA	ND(0.00000068)	NA
TCDDs (total)		ND(0.00000044)	NA	ND(0.00000068)	NA
1,2,3,7,8-PeCDD		ND(0.00000015)	NA	ND(0.00000082)	NA
PeCDDs (total)		ND(0.00000015)	NA	ND(0.00000082)	NA
1,2,3,4,7,8-HxCDD		ND(0.00000061)	NA	ND(0.00000011)	NA
1,2,3,6,7,8-HxCDD		ND(0.00000059)	NA	ND(0.00000010)	NA
1,2,3,7,8,9-HxCDD		ND(0.00000061)	NA	ND(0.00000011)	NA
HxCDDs (total)		ND(0.00000061)	NA	ND(0.00000011)	NA
1,2,3,4,6,7,8-HpCDD		ND(0.00000085)	NA	0.000010	NA
HpCDDs (total)		ND(0.00000085)	NA	0.000016	NA
OCDD		ND(0.00000018)	NA	0.000045 B	NA
Total TEQs (WHO TEFs)		0.00000016	NA	0.00000029	NA

**TABLE 1-2  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**ADDITIONAL SOIL INVESTIGATION - 30'S COMPLEX  
20s, 30s, 40s COMPLEX  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	RAA2-H3 1-6 03/16/04	RAA2-H3 4-6 03/16/04	RAA2-I12 1-6 03/17/04	RAA2-I12 4-6 03/17/04
<b>Inorganics</b>					
Antimony		ND(6.00)	NA	ND(6.00)	NA
Arsenic		4.30	NA	3.30	NA
Barium		21.0	NA	20.0	NA
Beryllium		0.150 B	NA	0.220 B	NA
Cadmium		0.310 B	NA	0.380 B	NA
Chromium		5.10	NA	4.70	NA
Cobalt		6.10	NA	5.10	NA
Copper		19.0	NA	10.0	NA
Cyanide		ND(0.110)	NA	ND(0.540)	NA
Lead		16.0	NA	5.20	NA
Mercury		0.0850 B	NA	ND(0.110)	NA
Nickel		11.0	NA	8.60	NA
Selenium		0.770 B	NA	0.760 B	NA
Silver		ND(1.00)	NA	0.200 B	NA
Sulfide		10.0	NA	10.0	NA
Thallium		ND(1.10)	NA	ND(1.10)	NA
Tin		2.10 B	NA	2.00 B	NA
Vanadium		5.00	NA	5.40	NA
Zinc		33.0	NA	25.0	NA

**TABLE 1-2  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**ADDITIONAL SOIL INVESTIGATION - 30'S COMPLEX  
20s, 30s, 40s COMPLEX  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	RAA2-J5 1-3 03/19/04	RAA2-J5 1-6 03/19/04	RAA2-J7 1-6 03/19/04	RAA2-J7 4-6 03/19/04
<b>Volatile Organics</b>					
Tetrachloroethene		ND(0.0059)	NA	NA	ND(0.0068)
Trichloroethene		ND(0.0059)	NA	NA	ND(0.0068)
<b>Semivolatile Organics</b>					
1,2,4-Trichlorobenzene		NA	ND(0.37)	ND(0.89)	NA
2-Methylnaphthalene		NA	ND(0.37)	0.66 J	NA
Acenaphthylene		NA	ND(0.37)	ND(0.89)	NA
Anthracene		NA	ND(0.37)	0.28 J	NA
Benzo(a)anthracene		NA	ND(0.37)	0.34 J	NA
Benzo(a)pyrene		NA	ND(0.37)	ND(0.89)	NA
Benzo(b)fluoranthene		NA	ND(0.37)	ND(0.89)	NA
Benzo(g,h,i)perylene		NA	ND(0.37)	ND(0.89)	NA
Benzo(k)fluoranthene		NA	ND(0.37)	ND(0.89)	NA
Chrysene		NA	ND(0.37)	0.28 J	NA
Dibenzofuran		NA	ND(0.37)	0.54 J	NA
Fluoranthene		NA	0.091 J	1.6	NA
Fluorene		NA	ND(0.37)	0.65 J	NA
Indeno(1,2,3-cd)pyrene		NA	ND(0.37)	ND(0.89)	NA
Naphthalene		NA	ND(0.37)	0.51 J	NA
Phenanthrene		NA	ND(0.37)	2.0	NA
Pyrene		NA	0.097 J	1.5	NA
<b>Furans</b>					
2,3,7,8-TCDF		NA	0.0000035 Y	0.0000014 J	NA
TCDFs (total)		NA	0.000018	0.000015	NA
1,2,3,7,8-PeCDF		NA	0.0000012 J	0.00000053 J	NA
2,3,4,7,8-PeCDF		NA	0.0000034 J	0.0000042 J	NA
PeCDFs (total)		NA	0.000038	0.000067	NA
1,2,3,4,7,8-HxCDF		NA	0.0000021 J	0.0000028 J	NA
1,2,3,6,7,8-HxCDF		NA	0.0000016 J	0.0000032 J	NA
1,2,3,7,8,9-HxCDF		NA	ND(0.00000070)	0.00000091 J	NA
2,3,4,6,7,8-HxCDF		NA	0.0000035 J	0.000011	NA
HxCDFs (total)		NA	0.000045	0.00015	NA
1,2,3,4,6,7,8-HpCDF		NA	0.0000053 J	0.000021	NA
1,2,3,4,7,8,9-HpCDF		NA	0.0000086 J	0.0000012 J	NA
HpCDFs (total)		NA	0.000012	0.000042	NA
OCDF		NA	0.0000043 J	0.0000050 J	NA
<b>Dioxins</b>					
2,3,7,8-TCDD		NA	ND(0.00000023)	ND(0.00000033)	NA
TCDDs (total)		NA	ND(0.00000056)	ND(0.00000080)	NA
1,2,3,7,8-PeCDD		NA	ND(0.00000042) X	ND(0.00000065)	NA
PeCDDs (total)		NA	0.00000060	ND(0.0000012)	NA
1,2,3,4,7,8-HxCDD		NA	ND(0.00000056)	ND(0.00000065)	NA
1,2,3,6,7,8-HxCDD		NA	ND(0.00000032) X	ND(0.00000041) X	NA
1,2,3,7,8,9-HxCDD		NA	ND(0.00000036) X	ND(0.00000065)	NA
HxCDDs (total)		NA	0.00000088	0.00000052	NA
1,2,3,4,6,7,8-HpCDD		NA	0.0000020 J	0.0000016 J	NA
HpCDDs (total)		NA	0.0000042	0.0000031	NA
OCDD		NA	0.000017	0.000010 J	NA
Total TEQs (WHO TEFs)		NA	0.0000033	0.0000049	NA

**TABLE 1-2  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**ADDITIONAL SOIL INVESTIGATION - 30'S COMPLEX  
20s, 30s, 40s COMPLEX  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	RAA2-J5 1-3 03/19/04	RAA2-J5 1-6 03/19/04	RAA2-J7 1-6 03/19/04	RAA2-J7 4-6 03/19/04
<b>Inorganics</b>					
Antimony		NA	0.880 B	ND(6.00)	NA
Arsenic		NA	7.20	6.80	NA
Barium		NA	25.0	28.0	NA
Beryllium		NA	0.210 B	0.290 B	NA
Cadmium		NA	0.160 B	0.260 B	NA
Chromium		NA	10.0	12.0	NA
Cobalt		NA	9.10	13.0	NA
Copper		NA	57.0	40.0	NA
Cyanide		NA	0.100 B	0.150	NA
Lead		NA	27.0	11.0	NA
Mercury		NA	0.0150 B	ND(0.130)	NA
Nickel		NA	17.0	24.0	NA
Selenium		NA	1.50	1.60	NA
Silver		NA	ND(1.00)	ND(1.00)	NA
Sulfide		NA	11.0	14.0	NA
Thallium		NA	ND(1.10)	1.20 B	NA
Tin		NA	6.40 B	3.40 B	NA
Vanadium		NA	8.20	11.0	NA
Zinc		NA	65.0	91.0	NA

**Notes:**

1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of Appendix IX+3 constituents.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
5. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.

**Data Qualifiers:**

Organics (volatiles, semivolatiles, dioxin/furans)

- J - Indicates an estimated value less than the practical quantitation limit (PQL).
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- X - Estimated maximum possible concentration.
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

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

**TABLE 1-3  
PCB DATA RECEIVED DURING APRIL 2004**

**OIL SAMPLING PROGRAM  
20s, 30s, 40s COMPLEX  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in parts per million, ppm)**

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
43-2-3-OIL-1	3/31/2004	ND(39)	310	ND(39)	310
42-1-2-OIL-1	3/31/2004	ND(1.0)	25	ND(1.0)	25
42-1-3-OIL-1	3/30/2004	ND(4.0)	51	ND(4.0)	51
42-1-4-OIL-1	3/30/2004	ND(1.0)	32	ND(1.0)	32
42-1-5-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
42-1-6-OIL-1	3/31/2004	ND(1.0)	7.4	6.4	13.8
42-1-7-OIL-1	3/31/2004	ND(1.0)	10	13	23
42-1-8-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
42-1-9-OIL-1	3/31/2004	ND(1.0)	7.8	8.2	16
42-1-10-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
42-1-11-OIL-1	3/31/2004	ND(1.0)	2.0	3.7	5.7
42-1-12-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
42-1-13-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
42-1-14-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
42-1-15-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
42-ROOFTOP-1-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
42-ROOFTOP-2-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
42-ROOFTOP-3-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
42-ROOFTOP-4-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
43-1-1-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
43-1-2-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
43-1-3-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
43-1-4-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
43-1-5-OIL-1	3/31/2004	ND(1.0)	2.0	ND(1.0)	2.0
43-1-6-OIL-1	3/31/2004	ND(1.0)	21	ND(1.0)	21
43-1-7-OIL-1	3/31/2004	ND(1.0)	16	ND(1.0)	16
43-1-8-OIL-1	3/31/2004	ND(15)	ND(15)	140	140
43-1-9-OIL-1	3/31/2004	ND(1.0)	17	ND(1.0)	17
43-1-10-OIL-1	3/31/2004	ND(3.9)	35	ND(3.9)	35
43-1-11-OIL-1	3/31/2004	ND(8.0)	110	ND(8.0)	110
43-1-12-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
43-1-13-OIL-1	4/7/2004	ND(1.0)	15	ND(1.0)	15
43-1-14-OIL-1	4/7/2004	ND(1.0)	25	ND(1.0)	25
43-1-15-OIL-1	4/12/2004	ND(1.0)	3.9	ND(1.0)	3.9
43-2-3-OIL-1	3/25/2004	ND(1.0)	29	ND(1.0)	29
43-ROOFTOP-1-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
43-ROOFTOP-2-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
43-ROOFTOP-3-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
43-ROOFTOP-4-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
43-ROOFTOP-5-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
43-ROOFTOP-6-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
43-ROOFTOP-7-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
43-ROOFTOP-8-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
44-1-2	3/25/2004	ND(1.0)	16	ND(1.0)	16
44-1-3	3/25/2004	ND(1.0)	5.6	14	19.6

**TABLE 1-3  
PCB DATA RECEIVED DURING APRIL 2004**

**OIL SAMPLING PROGRAM  
20s, 30s, 40s COMPLEX  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in parts per million, ppm)**

<b>Sample ID</b>	<b>Date Collected</b>	<b>Aroclor-1016, -1221, -1232, -1242, -1248</b>	<b>Aroclor-1254</b>	<b>Aroclor-1260</b>	<b>Total PCBs</b>
44-1-4-OIL-1	3/25/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
44-1-5-OIL-1	3/25/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
44-1-6	3/25/2004	ND(1.0)	5.2	ND(1.0)	5.2
44-1-7	3/25/2004	ND(1.0)	3.4	ND(1.0)	3.4
44-1-8	3/25/2004	ND(1.0)	4.2	ND(1.0)	4.2
44-1-9	3/25/2004	ND(1.0)	4.1	ND(1.0)	4.1
44-1-10	3/25/2004	ND(1.0)	2.2	2.6	4.8
44-1-11-OIL-1	3/25/2004	ND(1.0)	5.9	ND(1.0)	5.9
44-1-12-OIL-1	3/25/2004	ND(1.0)	6.1	ND(1.0)	6.1
44-1-14-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	1.9	1.9
44-1-15-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
44-ROOFTOP-1-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
44-ROOFTOP-2-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
44-ROOFTOP-3-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
44-ROOFTOP-4-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
44-ROOFTOP-5-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
44-ROOFTOP-6-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
44-ROOFTOP-7-OIL-1	3/31/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)

**Notes:**

1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs and volatiles.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

**TABLE 1-4  
DATA RECEIVED DURING APRIL 2004**

**OIL SAMPLING PROGRAM  
20s, 30s, 40s COMPLEX  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in parts per million, ppm)**

<b>Sample ID:</b>	<b>43-1-14-OIL-1</b>
<b>Parameter</b>	<b>Date Collected:</b>
	<b>04/07/04</b>
<b>Volatile Organics</b>	
None Detected	--

Notes:

1. Sample was collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs and volatiles.
2. Only detected constituents are summarized.
3. -- Indicates that all constituents for the parameter group were not detected.



**TABLE 1-5  
PCB DATA RECEIVED DURING APRIL 2004**

**DECON WATER SAMPLING OFF-SITE & ON-SITE LOCATIONS  
20s, 30s, 40s COMPLEX  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in parts per million, ppm)**

<b>Sample ID</b>	<b>Date Collected</b>	<b>Aroclor-1016, -1221, -1232, -1242, -1248</b>	<b>Aroclor-1254</b>	<b>Aroclor-1260</b>	<b>Total PCBs</b>
B0692	4/12/2004	ND(0.0050)	0.048	ND(0.0050)	0.048

Notes:

1. Sample was collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

**TABLE 1-6  
DATA RECEIVED DURING APRIL 2004**

**BROWNS PIT BACKFILL SAMPLING FOR 40'S COMPLEX DEMO  
20s, 30s, 40s COMPLEX  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Date Collected:	BROWNS-PIT-1 04/15/04
<b>Volatile Organics</b>		
None Detected		--
<b>PCBs</b>		
None Detected		--
<b>Semivolatile Organics</b>		
None Detected		--
<b>Inorganics</b>		
Arsenic		0.730 B
Barium		8.80 B
Chromium		2.20
Cobalt		2.40 B
Copper		3.30
Lead		1.70
Nickel		4.30
Selenium		0.650 B
Silver		0.200 B
Tin		2.90 B
Vanadium		2.40 B
Zinc		7.70

Notes:

1. Sample was collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs, volatiles, semivolatiles and metals.
2. -- Indicates that all constituents for the parameter group were not detected.
3. Only detected constituents are summarized.

Data Qualifiers:

Inorganics

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

**TABLE 1-7  
PCB DATA RECEIVED DURING APRIL 2004**

**JACKSON DEMO HOE-RAM POINT DECON WIPE SAMPLING BUILDING 40B  
20s, 30s, 40s COMPLEX  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in mg/100cm<sup>2</sup>)**

<b>Sample ID</b>	<b>Date Collected</b>	<b>Aroclor-1016</b>	<b>Aroclor-1221</b>	<b>Aroclor-1232</b>	<b>Aroclor-1242</b>	<b>Aroclor-1248</b>	<b>Aroclor-1254</b>	<b>Aroclor-1260</b>	<b>Total PCBs</b>
JACKSON-POINT-W1	4/23/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
JACKSON-POINT-W2	4/23/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
JACKSON-POINT-W3	4/23/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)

**Notes:**

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

**TABLE 1-8  
WATER SAMPLE DATA RECEIVED DURING APRIL 2004**

**40B VAULT SAMPLING PROGRAM  
20s, 30s, 40s COMPLEX  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in parts per million, ppm)**

<b>Parameter</b>	<b>Sample ID: Date Collected:</b>	<b>40BVAULT-WATER-1 04/08/04</b>
<b>PCBs-Unfiltered</b>		
Aroclor-1254		0.000095
Aroclor-1260		0.000069
Total PCBs		0.000164
<b>Inorganics-Unfiltered</b>		
Arsenic		0.00600 B
Barium		0.00770 B
Cadmium		0.00190 B
Chromium		0.00330 B
Lead		0.00400 B
Silver		0.00310 B
<b>Waste Characterization</b>		
Flash Point (°F)		>180

Notes:

1. Sample was collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs, metals and flash point.
2. Only detected constituents are summarized.

Data Qualifiers:

Inorganics

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

**TABLE 1-9  
OIL SAMPLE DATA RECEIVED DURING APRIL 2004**

**40B VAULT SAMPLING PROGRAM  
20s, 30s, 40s COMPLEX  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in parts per million, ppm)**

<b>Sample ID</b>	<b>Date Collected</b>	<b>Aroclor-1016</b>	<b>Aroclor-1221</b>	<b>Aroclor-1232</b>	<b>Aroclor-1242</b>	<b>Aroclor-1248</b>	<b>Aroclor-1254</b>	<b>Aroclor-1260</b>	<b>Total PCBs</b>
40B-C0907-OIL-1	4/23/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)

Notes:

1. Sample was collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

**TABLE 1-10  
TCLP DATA RECEIVED DURING MARCH 2004**

**CEILINGS PAINT CHIP SAMPLING PROGRAM  
20s, 30s, 40s COMPLEX  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in parts per million, ppm)**

<b>Parameter</b>	<b>Sample ID: Date Collected:</b>	<b>TCLP Regulatory Limits</b>	<b>42-PAINTCHIPS-C1 3/30/2004</b>
<b>Inorganics</b>			
Arsenic		5	ND(0.100)
Barium		100	0.260
Cadmium		1	0.0140 B
Chromium		5	0.0400 B
Lead		5	0.200
Mercury		0.2	0.0190
Selenium		1	0.0110 B
Silver		5	ND(0.0200)

Notes:

1. Sample was collected by Blasland, Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of TCLP metals.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

Data Qualifiers:

Inorganics

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

**TABLE 1-11**  
**PCB AMBIENT AIR DATA RECEIVED DURING APRIL 2004**  
**BUILDING 40B DEMOLITION PROGRAM**  
**20s, 30s, 40s COMPLEX**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

<b>Date</b>	<b>North of Bldg. 40B (<math>\mu\text{g}/\text{m}^3</math>)</b>	<b>North of Bldg. 40B colocated (<math>\mu\text{g}/\text{m}^3</math>)</b>	<b>East of Bldg. 40B (<math>\mu\text{g}/\text{m}^3</math>)</b>	<b>Background Inside GE Gate 31 (<math>\mu\text{g}/\text{m}^3</math>)</b>
04/07 - 04/08/04	0.0004	ND	ND	0.0003 <sup>1</sup>
Notification Level	0.05	0.05	0.05	0.05

ND - Non Detect (<0.0003)

<sup>1</sup> This is an estimated value. The analytical result reported by the laboratory is above the method detection limit but below the practical quantitation limit.

**TABLE 1-12  
 AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING APRIL 2004**

**BUILDING 40B DEMOLITION PROGRAM  
 20s, 30s, 40s COMPLEX  
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Date	Sampler Location	Average Site Concentration (mg/m <sup>3</sup> )	Background Site Concentration (mg/m <sup>3</sup> )	Average Period (Hours:Min)	Predominant Wind Direction
04/07/04	North of Bldg. 40B East of Bldg. 40B	0.018* 0.056	0.012*	10:30 5:30 <sup>1</sup>	W, WNW, WSW
04/08/04	North of Bldg. 40B East of Bldg. 40B	0.022* 0.064 <sup>2</sup>	0.016*	10:45 NA <sup>3</sup>	W, WSW
04/09/04	North of Bldg. 40B East of Bldg. 40B	0.028* 0.070 <sup>2</sup>	0.020*	10:45 NA <sup>3</sup>	WNW
04/12/04	North of Bldg. 40B East of Bldg. 40B	0.012* 0.015	0.013*	11:15 11:15	ENE, E
04/13/04 <sup>4</sup>	North of Bldg. 40B East of Bldg. 40B	NA	NA	NA	NA
04/14/04 <sup>4</sup>	North of Bldg. 40B East of Bldg. 40B	NA	NA	NA	NA
04/15/04	North of Bldg. 40B East of Bldg. 40B	0.008* 0.016	0.008*	11:15 11:15	N
04/16/04	North of Bldg. 40B East of Bldg. 40B	0.006* 0.024	0.007*	12:00 12:00	NNW
04/19/04	North of Bldg. 40B East of Bldg. 40B	0.095* 0.039	0.020*	10:30 10:45	WSW, SW
04/20/04	North of Bldg. 40B East of Bldg. 40B	0.006* 0.024	0.004*	10:45 10:45	NW, NNW
04/21/04	North of Bldg. 40B East of Bldg. 40B	0.051* 0.028	0.012*	10:30 10:45	SSE
04/22/04	North of Bldg. 40B East of Bldg. 40B	0.026* 0.040	0.017*	11:00 11:15	WSW
04/23/04 <sup>4</sup>	North of Bldg. 40B East of Bldg. 40B	NA	NA	NA	NA
04/26/04 <sup>4</sup>	North of Bldg. 40B East of Bldg. 40B	NA	NA	NA	NA
04/27/04	North of Bldg. 40B East of Bldg. 40B	0.019* 0.018	0.014*	10:15 11:00	NA <sup>5</sup>
04/28/04	North of Bldg. 40B East of Bldg. 40B	0.009* 0.026	0.011*	10:45 10:45	NA <sup>5</sup>
04/29/04	North of Bldg. 40B East of Bldg. 40B	0.037* 0.019	0.013*	11:30 10:45	NA <sup>5</sup>
04/30/04	North of Bldg. 40B East of Bldg. 40B	0.027* 0.026	0.015*	10:45 10:45	NA <sup>5</sup>
Notification Level		0.120			

NA - Not Available

\* Measured with DR-2000. All others measured with pDR-1000.

Background monitoring location located inside GE Gate 31 on the corner of Woodlawn Avenue and Tyler Street.

<sup>1</sup> Sampling period was shortened due to equipment malfunction (dead battery).

<sup>2</sup> Reading reflects average concentration manually recorded at the end of the day. Unable to download data due to equipment malfunction.

<sup>3</sup> Average period unavailable due to equipment malfunction.

<sup>4</sup> Sampling was not performed due to precipitation/threat of precipitation.

<sup>5</sup> Weather data to be supplied at a later date.



**ITEM 2  
PLANT AREA  
EAST STREET AREA 2 - SOUTH  
(GEC150)  
APRIL 2004**

**a. Activities Undertaken/Completed**

- Conducted Vapor Phase Carbon Absorption process water sampling at Building 64G.
- Performed sludge sampling at Building 64T.
- Performed other miscellaneous sampling, as identified in Table 2-1.
- Continued discussions regarding ERE and subordination agreements for Future City Recreational Area (FCRA).\*

**b. Sampling/Test Results Received**

See attached tables.

**c. Work Plans/Reports/Documents Submitted**

None

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

- Continue to conduct routine process sampling at Buildings 64G and 64T.
- Complete field construction activities (track surfacing) at FCRA in spring 2004.\*
- Continue discussions regarding ERE and subordination agreements for FCRA.\*
- Conduct informal pre-certification inspection visit with EPA and MDEP at FCRA, scheduled for May 20, 2004.\*
- Initiate pre-demolition activities at the 60s Complex.
- Submit Final Excavation Notification Report for emergency repair of fire main break southwest of Building 64.

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

**ITEM 2  
(cont'd)  
PLANT AREA  
EAST STREET AREA 2 - SOUTH  
(GECD150)  
APRIL 2004**

**f. Proposed/Approved Work Plan Modifications**

Received EPA approval of February 2004 Addendum to Supplemental Pre-Design Investigation Report (April 26, 2004).\*

**TABLE 2-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

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

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Building 64 Oil Sampling	64G-C0904-OIL-1	4/23/04	Oil	CT&E	PCB	4/30/04
Building 64 Oil Sampling	64S-C0693-OIL-1	4/23/04	Oil	CT&E	PCB	4/30/04
Building 64 Tank J Sampling	64-TANKJ-OIL-1	4/23/04	Oil	CT&E	PCB, VOC, SVOC, Total Metals, Flashpoint	
Building 64G Vapor Phase Carbon Sampling	64G-VPC-C1	3/29/04	Solid	CT&E	PCB, TCLP	4/5/04
Building 64T Sludge Sampling	D4-64T-01	4/3/04	Solid	CT&E	PCB	4/13/04
Decon Water Roll-Off Sampling	B0882	4/14/04	Water	CT&E	PCB, PH	4/21/04
Mop Water from Building 64T Sampling	B0103-B0303-	4/7/04	Water	CT&E	PCB	4/14/04
Oil Sampling	E0695&E0697	4/12/04	Coal Tar	CT&E	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals	4/27/04
Plant Site Sampling Program	DUP#1 (SWEEPING#2)	4/22/04	Soil	CT&E	PCB	4/30/04
Plant Site Sampling Program	SWEEPING#1	4/22/04	Soil	CT&E	PCB	4/30/04
Plant Site Sampling Program	SWEEPING#2	4/22/04	Soil	CT&E	PCB	4/30/04
Plant Site Sampling Program	SWEEPING#3	4/22/04	Soil	CT&E	PCB	4/30/04

Notes:

1. Field duplicate sample locations are presented in parenthesis.

**TABLE 2-2  
PCB DATA RECEIVED DURING APRIL 2004**

**BUILDING 64G VAPOR PHASE CARBON SAMPLING  
EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

<b>Sample ID</b>	<b>Date Collected</b>	<b>Aroclor-1016, -1221, -1232, -1242, -1248</b>	<b>Aroclor-1254</b>	<b>Aroclor-1260</b>	<b>Total PCBs</b>
64G-VPC-C1	3/29/2004	ND(0.33)	3.9	ND(0.33)	3.9

Notes:

1. Sample was collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 2-3 for a summary of TCLP constituents.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

**TABLE 2-3  
TCLP DATA RECEIVED DURING APRIL 2004**

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

<b>Parameter</b>	<b>Sample ID: Date Collected:</b>	<b>TCLP Regulatory Limits</b>	<b>64G-VPC-C1 3/29/2004</b>
<b>Volatile Organics</b>			
1,1-Dichloroethene		0.7	ND(0.10)
1,2-Dichloroethane		0.5	0.038 J
2-Butanone		200	ND(0.20)
Benzene		0.5	1.4
Carbon Tetrachloride		0.5	ND(0.10)
Chlorobenzene		100	0.57
Chloroform		6	ND(0.10)
Tetrachloroethene		0.7	ND(0.10)
Trichloroethene		0.5	0.15
Vinyl Chloride		0.2	ND(0.10)
<b>Semivolatile Organics</b>			
1,4-Dichlorobenzene		7.5	ND(0.050)
2,4,5-Trichlorophenol		400	ND(0.050)
2,4,6-Trichlorophenol		2	ND(0.050)
2,4-Dinitrotoluene		0.13	ND(0.050)
Cresol		200	ND(0.050)
Hexachlorobenzene		0.13	ND(0.050)
Hexachlorobutadiene		0.5	ND(0.050)
Hexachloroethane		3	ND(0.050)
Nitrobenzene		2	ND(0.050)
Pentachlorophenol		100	ND(0.050)
Pyridine		5	ND(0.050)
<b>Inorganics</b>			
Arsenic		5	ND(0.100)
Barium		100	0.0490
Cadmium		1	ND(0.0100)
Chromium		5	ND(0.0250)
Lead		5	ND(0.100)
Mercury		0.2	ND(0.00200)
Selenium		1	ND(0.200)
Silver		5	ND(0.0200)

Notes:

1. Sample was collected by Blasland, Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 2-2 for a summary of PCBs.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Shading indicates that value exceeds TCLP Regulatory Limits.

Data Qualifiers:

Organics (volatiles, semivolatiles)

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

**TABLE 2-4  
PCB DATA RECEIVED DURING APRIL 2004**

**BUILDING 64T SLUDGE SAMPLING  
EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

<b>Sample ID</b>	<b>Date Collected</b>	<b>Aroclor-1016, -1221, -1232, -1242, -1248</b>	<b>Aroclor-1254</b>	<b>Aroclor-1260</b>	<b>Total PCBs</b>
D4-64T-01	4/3/2004	ND(27)	100	89	189

Notes:

1. Sample was collected by General Electric Company and submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

**TABLE 2-5  
PCB DATA RECEIVED DURING APRIL 2004**

**MOP WATER FROM BUILDING 64T SAMPLING  
EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in parts per million, ppm)**

<b>Sample ID</b>	<b>Date Collected</b>	<b>Aroclor-1016, -1221, -1232, -1242, -1248</b>	<b>Aroclor-1254</b>	<b>Aroclor-1260</b>	<b>Total PCBs</b>
B0103-B0303-COMPOSITE	4/7/2004	ND(0.0025)	0.025	0.036	0.061

Notes:

1. Sample was collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

**TABLE 2-6  
PCB DATA RECEIVED DURING APRIL 2004**

**DECON WATER ROLL-OFF SAMPLING  
EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in parts per million, ppm)**

<b>Sample ID</b>	<b>Date Collected</b>	<b>Aroclor-1016, -1221, -1232, -1242, -1248</b>	<b>Aroclor-1254</b>	<b>Aroclor-1260</b>	<b>Total PCBs</b>	<b>pH (standard pH units)</b>
B0882	4/14/2004	ND(0.00050)	0.0012	0.0019	0.0031	9.06

Notes:

1. Sample was collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs and pH.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.



**TABLE 2-7  
DATA RECEIVED DURING APRIL 2004**

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

Parameter	Sample ID: Date Collected:	E0695&E0697 04/12/04
<b>Volatiles Organics</b>		
Benzene		460
Chlorobenzene		97
Ethylbenzene		3500
Styrene		490
Toluene		2500
Xylenes (total)		4100
<b>PCBs</b>		
None Detected		--
<b>Semivolatile Organics</b>		
2-Methylnaphthalene		24000
Acenaphthene		9900
Acenaphthylene		14000
Anthracene		9800
Benzo(a)anthracene		3900 J
Benzo(a)pyrene		2700 J
Chrysene		4100 J
Fluoranthene		12000
Fluorene		12000
Naphthalene		82000
Phenanthrene		39000
Pyrene		19000
<b>Inorganics</b>		
Arsenic		7.00
Barium		0.420
Chromium		0.230 B
Lead		1.20
Selenium		1.50
Silver		0.600 B
<b>Waste Characterization</b>		
Flash Point (°F)		150

Notes:

1. Sample was collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs, volatiles, semivolatiles, metals and flash point.
2. -- Indicates that all constituents for the parameter group were not detected.
3. Only detected constituents are summarized.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles,)

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

Inorganics

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

**TABLE 2-8  
PCB DATA RECEIVED DURING APRIL 2004**

**PLANT SITE SAMPLING PROGRAM  
EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in parts per million, ppm)**

<b>Sample ID</b>	<b>Date Collected</b>	<b>Aroclor-1016, -1221, -1232, -1242, -1248</b>	<b>Aroclor-1254</b>	<b>Aroclor-1260</b>	<b>Total PCBs</b>
SWEEPING#1	4/22/2004	ND(0.17)	1.6	0.79	2.39
SWEEPING#2	4/22/2004	ND(0.033) [ND(0.033)]	0.82 [1.3]	0.49 [0.76]	1.31 [2.06]
SWEEPING#3	4/22/2004	ND(0.033)	1.1	0.61	1.71

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Field duplicate sample results are presented in brackets.

**TABLE 2-9  
PCB DATA RECEIVED DURING APRIL 2004**

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

<b>Sample ID</b>	<b>Date Collected</b>	<b>Aroclor-1016</b>	<b>Aroclor-1221</b>	<b>Aroclor-1232</b>	<b>Aroclor-1242</b>	<b>Aroclor-1248</b>	<b>Aroclor-1254</b>	<b>Aroclor-1260</b>	<b>Total PCBs</b>
64G-C0904-OIL-1	4/23/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
64S-C0693-OIL-1	4/23/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)

Notes:

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

**ITEM 3  
PLANT AREA  
EAST STREET AREA 2-NORTH  
(GEC140)  
APRIL 2004**

**a. Activities Undertaken/Completed**

Tankered and transported 4,500 gallons of water from Building 9 to Building 64G for treatment.

**b. Sampling/Test Results Received**

See attached tables.

**c. Work Plans/Reports/Documents Submitted**

None

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

Continue preparation of Pre-Design Investigation Report (due by June 21, 2004).\*

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

**f. Proposed/Approved Work Plan Modifications**

None

**TABLE 3-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Investigation	RAA5-A3S	3/16/04	0-1	Soil	CT&E	PCB	4/15/04
Pre-Design Soil Investigation	RAA5-A4S	3/16/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	4/15/04
Pre-Design Soil Investigation	RAA5-B7S	3/16/04	0-1	Soil	CT&E	PCB	4/15/04
Pre-Design Soil Investigation	RAA5-B8S	3/16/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	4/15/04
Pre-Design Soil Investigation	RAA5-C12B	3/15/04	1-6	Soil	CT&E	PCB	4/15/04
Pre-Design Soil Investigation	RAA5-C12B	3/15/04	6-15	Soil	CT&E	PCB	4/15/04
Pre-Design Soil Investigation	RAA5-C12S	3/16/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	4/15/04
Pre-Design Soil Investigation	RAA5-C13S	3/16/04	0-1	Soil	CT&E	PCB	4/15/04
Pre-Design Soil Investigation	RAA5-C14B	3/12/04	1-6	Soil	CT&E	PCB	4/6/04
Pre-Design Soil Investigation	RAA5-C14B	3/12/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	4/6/04
Pre-Design Soil Investigation	RAA5-C14B	3/12/04	6-8	Soil	CT&E	VOC	4/6/04
Pre-Design Soil Investigation	RAA5-C14S	3/16/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	4/15/04
Pre-Design Soil Investigation	RAA5-D15B	3/12/04	6-15	Soil	CT&E	PCB	4/6/04
Pre-Design Soil Investigation	RAA5-D15B	3/12/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	4/6/04
Pre-Design Soil Investigation	RAA5-D15B	3/12/04	3-4	Soil	CT&E	VOC	4/6/04
Pre-Design Soil Investigation	RAA5-D15S	3/16/04	0-1	Soil	CT&E	PCB	4/15/04
Pre-Design Soil Investigation	RAA5-D16B	3/12/04	1-6	Soil	CT&E	PCB	4/6/04
Pre-Design Soil Investigation	RAA5-D16B	3/12/04	6-15	Soil	CT&E	PCB	4/6/04
Pre-Design Soil Investigation	RAA5-D16S	3/16/04	0-1	Soil	CT&E	PCB	4/15/04
Pre-Design Soil Investigation	RAA5-D17B	3/12/04	1-6	Soil	CT&E	PCB	4/6/04
Pre-Design Soil Investigation	RAA5-D17B	3/12/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	4/6/04
Pre-Design Soil Investigation	RAA5-D17B	3/12/04	12-14	Soil	CT&E	VOC	4/6/04
Pre-Design Soil Investigation	RAA5-D17S	3/16/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	4/15/04
Pre-Design Soil Investigation	RAA5-D18S	3/16/04	0-1	Soil	CT&E	PCB	4/15/04
Pre-Design Soil Investigation	RAA5-D19S	3/16/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	4/15/04
Pre-Design Soil Investigation	RAA5-D20S	3/16/04	0-1	Soil	CT&E	PCB	4/15/04
Pre-Design Soil Investigation	RAA5-DUP-18 (RAA5-D17B)	3/12/04	12-14	Soil	CT&E	VOC	4/6/04
Pre-Design Soil Investigation	RAA5-DUP-19 (RAA5-D17B)	3/12/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	4/6/04
Pre-Design Soil Investigation	RAA5-DUP-20 (RAA5-D15S)	3/16/04	0-1	Soil	CT&E	PCB	4/15/04
Pre-Design Soil Investigation	RAA5-E10	3/12/04	0-1	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation	RAA5-E10	3/12/04	1-6	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation	RAA5-E10	3/12/04	6-10	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation	RAA5-E21S	3/16/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	4/15/04
Pre-Design Soil Investigation	RAA5-E6	3/12/04	0-1	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation	RAA5-E6	3/12/04	6-12	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation	RAA5-E6	3/12/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	4/9/04
Pre-Design Soil Investigation	RAA5-E6	3/12/04	4-6	Soil	CT&E	VOC	4/9/04
Pre-Design Soil Investigation	RAA5-E8	3/12/04	1-6	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation	RAA5-E8	3/12/04	6-15	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation	RAA5-E8	3/12/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	4/9/04
Pre-Design Soil Investigation	RAA5-H9	3/12/04	0-1	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation	RAA5-H9	3/12/04	1-6	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation	RAA5-H9	3/12/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	4/9/04
Pre-Design Soil Investigation	RAA5-H9	3/12/04	14-15	Soil	CT&E	VOC	4/9/04

Notes:

1. Field duplicate sample locations are presented in parenthesis.

**TABLE 3-2  
PCB DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
EAST STREET AREA 2 - NORTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA5-A3S	0-1	3/16/2004	ND(0.043)	0.27	0.52	0.79
RAA5-A4S	0-1	3/16/2004	ND(0.044)	0.48	0.70	1.18
RAA5-B7S	0-1	3/16/2004	ND(0.040)	0.19	0.34	0.53
RAA5-B8S	0-1	3/16/2004	ND(0.041)	0.049	0.12	0.169
RAA5-C12B	1-6 6-15	3/15/2004 3/15/2004	ND(0.034) ND(0.034)	ND(0.034) 0.023 J	ND(0.034) ND(0.034)	ND(0.034) 0.023 J
RAA5-C12S	0-1	3/16/2004	ND(0.043)	0.30	0.34	0.64
RAA5-C13S	0-1	3/16/2004	ND(0.038)	ND(0.038)	0.97	0.97
RAA5-C14B	1-6 6-15	3/12/2004 3/12/2004	ND(0.038) ND(0.037)	ND(0.038) ND(0.037)	ND(0.038) ND(0.037)	ND(0.038) ND(0.037)
RAA5-C14S	0-1	3/16/2004	ND(0.040)	0.39	0.82	1.21
RAA5-D15B	1-6 6-15	3/12/2004 3/12/2004	ND(0.039) ND(0.037)	0.16 ND(0.037)	0.24 ND(0.037)	0.40 ND(0.037)
RAA5-D15S	0-1	3/16/2004	ND(0.041) [ND(0.042)]	1.3 [1.0]	1.1 [0.80]	2.4 [1.8]
RAA5-D16B	1-6 6-15	3/12/2004 3/12/2004	ND(0.038) ND(0.037)	ND(0.038) ND(0.037)	ND(0.038) ND(0.037)	ND(0.038) ND(0.037)
RAA5-D16S	0-1	3/16/2004	ND(0.048)	0.70	0.85	1.55
RAA5-D17B	1-6 6-15	3/12/2004 3/12/2004	ND(0.038) ND(0.037) [ND(0.037)]	ND(0.038) ND(0.037) [ND(0.037)]	ND(0.038) ND(0.037) [ND(0.037)]	ND(0.038) ND(0.037) [ND(0.037)]
RAA5-D17S	0-1	3/16/2004	ND(0.044)	0.43	0.40	0.83
RAA5-D18S	0-1	3/16/2004	ND(0.048)	0.11	0.26	0.37
RAA5-D19S	0-1	3/16/2004	ND(0.046)	0.11	0.22	0.33
RAA5-D20S	0-1	3/16/2004	ND(0.038)	0.039	0.075	0.114
RAA5-E6	0-1 1-6 6-12	3/12/2004 3/12/2004 3/12/2004	ND(0.038) ND(0.041) ND(0.045)	ND(0.038) 0.031 J ND(0.045)	ND(0.038) 0.032 J ND(0.045)	ND(0.038) 0.063 J ND(0.045)
RAA5-E8	0-1 1-6 6-15	3/12/2004 3/12/2004 3/12/2004	ND(0.038) ND(0.039) ND(0.036)	ND(0.038) ND(0.039) ND(0.036)	ND(0.038) ND(0.039) ND(0.036)	ND(0.038) ND(0.039) ND(0.036)
RAA5-E10	0-1 1-6 6-10	3/12/2004 3/12/2004 3/12/2004	ND(0.038) ND(0.037) ND(0.036)	0.52 0.58 0.15	0.96 1.0 0.17	1.48 1.58 0.32
RAA5-E21S	0-1	3/16/2004	ND(0.041)	0.62	0.46	1.08
RAA5-H9	0-1 1-6 6-15	3/12/2004 3/12/2004 3/12/2004	ND(0.19) ND(0.040) ND(0.19)	2.1 ND(0.040) ND(0.19)	5.8 0.18 1.3	7.9 0.18 1.3

**Notes:**

1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Field duplicate sample results are presented in brackets.

**Data Qualifiers:**

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

**TABLE 3-3**  
**APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING**  
**EAST STREET AREA 2 - NORTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
(Results are presented in dry weight parts per million, ppm)

Sample ID: Sample Depth (Feet): Date Collected:	RAA5-A4S 0-1 03/16/04	RAA5-B8S 0-1 03/16/04	RAA5-C12S 0-1 03/16/04	RAA5-C14B 6-8 03/12/04	RAA5-C14B 6-15 03/12/04
<b>Parameter</b>					
<b>Volatile Organics</b>					
Chlorobenzene	ND(0.0067)	ND(0.0062)	ND(0.0065)	ND(0.0059)	NA
<b>Semivolatile Organics</b>					
Acenaphthene	ND(0.44)	ND(0.41)	ND(0.43)	NA	ND(0.37)
Acenaphthylene	0.23 J	0.11 J	ND(0.43)	NA	ND(0.37)
Anthracene	0.15 J	ND(0.41)	ND(0.43)	NA	ND(0.37)
Benzo(a)anthracene	0.30 J	0.13 J	0.18 J	NA	ND(0.37)
Benzo(a)pyrene	0.17 J	ND(0.41)	ND(0.43)	NA	ND(0.37)
Benzo(b)fluoranthene	0.15 J	ND(0.41)	ND(0.43)	NA	ND(0.37)
Benzo(g,h,i)perylene	0.12 J	ND(0.41)	ND(0.43)	NA	ND(0.37)
Benzo(k)fluoranthene	0.18 J	ND(0.41)	ND(0.43)	NA	ND(0.37)
Chrysene	0.40 J	0.16 J	0.22 J	NA	ND(0.37)
Dibenzo(a,h)anthracene	ND(0.44)	ND(0.41)	ND(0.43)	NA	ND(0.37)
Dibenzofuran	ND(0.44)	ND(0.41)	ND(0.43)	NA	ND(0.37)
Fluoranthene	0.58	0.21 J	0.42 J	NA	ND(0.37)
Fluorene	ND(0.44)	ND(0.41)	ND(0.43)	NA	ND(0.37)
Indeno(1,2,3-cd)pyrene	0.097 J	ND(0.41)	ND(0.43)	NA	ND(0.37)
Phenanthrene	0.33 J	0.11 J	0.29 J	NA	ND(0.37)
Pyrene	0.71	0.26 J	0.48	NA	ND(0.37)
<b>Furans</b>					
2,3,7,8-TCDF	0.000042 Y	0.000010 Y	0.000052 Y	NA	ND(0.00000063)
TCDFs (total)	0.00047 I	0.000087 I	0.00064 I	NA	ND(0.00000063)
1,2,3,7,8-PeCDF	0.000010	ND(0.0000035)	0.000013	NA	ND(0.00000079)
2,3,4,7,8-PeCDF	0.000042	0.000088	0.000055	NA	ND(0.00000092)
PeCDFs (total)	0.00075 I	0.00023 I	0.0012 I	NA	ND(0.00000092)
1,2,3,4,7,8-HxCDF	0.000016	0.0000039	0.000032	NA	ND(0.00000047)
1,2,3,6,7,8-HxCDF	0.000019	ND(0.0000027)	0.000018	NA	ND(0.00000049)
1,2,3,7,8,9-HxCDF	0.000024	ND(0.0000038)	0.000045	NA	ND(0.00000063)
2,3,4,6,7,8-HxCDF	0.000034	ND(0.0000041) X	0.000050	NA	ND(0.00000047)
HxCDFs (total)	0.00079 I	0.00013 I	0.0018 I	NA	ND(0.00000063)
1,2,3,4,6,7,8-HpCDF	0.000071	0.000019	0.00018	NA	ND(0.00000054)
1,2,3,4,7,8,9-HpCDF	ND(0.0000065) X	ND(0.0000038)	0.000023	NA	ND(0.00000096)
HpCDFs (total)	0.00018	0.000044	0.00039 I	NA	ND(0.00000096)
OCDF	0.000064	0.000024	0.000057	NA	ND(0.00000028)
<b>Dioxins</b>					
2,3,7,8-TCDD	ND(0.00000095)	ND(0.00000073)	ND(0.00000055)	NA	ND(0.00000067)
TCDDs (total)	ND(0.00000095)	ND(0.00000073)	0.000015	NA	ND(0.00000067)
1,2,3,7,8-PeCDD	ND(0.00000086)	ND(0.00000043)	ND(0.00000085)	NA	ND(0.00000013)
PeCDDs (total)	ND(0.00000086)	ND(0.00000043)	ND(0.00000085)	NA	ND(0.00000013)
1,2,3,4,7,8-HxCDD	0.000022	ND(0.0000016)	ND(0.0000018)	NA	ND(0.00000067)
1,2,3,6,7,8-HxCDD	0.000042	ND(0.0000017)	ND(0.0000017)	NA	ND(0.00000070)
1,2,3,7,8,9-HxCDD	0.000044	ND(0.0000017)	ND(0.0000018)	NA	ND(0.00000072)
HxCDDs (total)	0.000033	0.0000053	0.0000077	NA	ND(0.00000072)
1,2,3,4,6,7,8-HpCDD	0.00010	0.000029	0.000023	NA	ND(0.00000085)
HpCDDs (total)	0.00029	0.000057	0.000049	NA	ND(0.00000085)
OCDD	0.00064	0.00018	0.00014	NA	ND(0.00000020)
Total TEQs (WHO TEFs)	0.000036	0.0000068	0.000047	NA	0.00000015
<b>Inorganics</b>					
Antimony	1.10 B	ND(6.00)	ND(6.00)	NA	ND(6.00)
Arsenic	11.0	6.20	7.30	NA	8.00
Barium	68.0	28.0	56.0	NA	36.0
Beryllium	0.270 B	0.240 B	0.330 B	NA	0.420 B
Cadmium	0.980	0.620	1.00	NA	0.340 B
Chromium	10.0	7.80	14.0	NA	11.0
Cobalt	8.20	7.10	9.80	NA	14.0
Copper	62.0	26.0	36.0	NA	34.0
Cyanide	0.170	0.0740 B	0.0970 B	NA	ND(0.560)
Lead	130	33.0	50.0	NA	8.60
Mercury	0.300	0.0710 B	0.170	NA	ND(0.110)
Nickel	13.0	11.0	16.0	NA	26.0
Selenium	ND(1.00)	ND(1.00)	ND(1.00)	NA	0.870 B
Silver	0.360 B	0.170 B	0.280 B	NA	0.150 B
Sulfide	13.0	9.90	8.30	NA	11.0
Thallium	ND(1.30)	ND(1.20)	ND(1.30)	NA	1.20
Tin	8.50 B	4.40 B	4.00 B	NA	2.60 B
Vanadium	13.0	8.60	9.80	NA	9.80
Zinc	160	71.0	97.0	NA	78.0

TABLE 3-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004

PRE-DESIGN SOIL INVESTIGATION SAMPLING  
EAST STREET AREA 2 - NORTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	RAA5-C14S 0-1 03/16/04	RAA5-D15B 1-6 03/12/04	RAA5-D15B 3-4 03/12/04	RAA5-D17B 6-15 03/12/04
<b>Volatile Organics</b>					
Chlorobenzene		ND(0.0060)	NA	ND(0.0058)	NA
<b>Semivolatile Organics</b>					
Acenaphthene		ND(0.40)	ND(0.39)	NA	ND(0.37) [ND(0.37)]
Acenaphthylene		0.28 J	ND(0.39)	NA	ND(0.37) [ND(0.37)]
Anthracene		0.20 J	ND(0.39)	NA	ND(0.37) [ND(0.37)]
Benzo(a)anthracene		0.59	ND(0.39)	NA	ND(0.37) [ND(0.37)]
Benzo(a)pyrene		0.34 J	ND(0.39)	NA	ND(0.37) [ND(0.37)]
Benzo(b)fluoranthene		0.24 J	ND(0.39)	NA	ND(0.37) [ND(0.37)]
Benzo(g,h,i)perylene		0.21 J	ND(0.39)	NA	ND(0.37) [ND(0.37)]
Benzo(k)fluoranthene		0.28 J	ND(0.39)	NA	ND(0.37) [ND(0.37)]
Chrysene		0.71	ND(0.39)	NA	ND(0.37) [ND(0.37)]
Dibenzo(a,h)anthracene		ND(0.40)	ND(0.39)	NA	ND(0.37) [ND(0.37)]
Dibenzofuran		ND(0.40)	ND(0.39)	NA	ND(0.37) [ND(0.37)]
Fluoranthene		0.92	ND(0.39)	NA	ND(0.37) [ND(0.37)]
Fluorene		ND(0.40)	ND(0.39)	NA	ND(0.37) [ND(0.37)]
Indeno(1,2,3-cd)pyrene		0.17 J	ND(0.39)	NA	ND(0.37) [ND(0.37)]
Phenanthrene		0.42	ND(0.39)	NA	ND(0.37) [ND(0.37)]
Pyrene		1.2	ND(0.39)	NA	ND(0.37) [ND(0.37)]
<b>Furans</b>					
2,3,7,8-TCDF		0.000023 Y	ND(0.0000012)	NA	ND(0.0000012) [ND(0.0000010)]
TCDFs (total)		0.00016	0.000068 I	NA	ND(0.0000012) [ND(0.0000010)]
1,2,3,7,8-PeCDF		0.0000051	ND(0.0000011)	NA	ND(0.0000015) [ND(0.00000070)]
2,3,4,7,8-PeCDF		0.000019	ND(0.0000013)	NA	ND(0.0000018) [ND(0.00000079)]
PeCDFs (total)		0.00028	0.000017 I	NA	ND(0.0000018) [ND(0.00000079)]
1,2,3,4,7,8-HxCDF		0.0000065	ND(0.0000012)	NA	ND(0.0000017) [ND(0.00000044)]
1,2,3,6,7,8-HxCDF		0.0000088	ND(0.0000011)	NA	ND(0.0000019) [ND(0.00000046)]
1,2,3,7,8,9-HxCDF		0.0000077	ND(0.0000017)	NA	ND(0.0000020) [ND(0.00000055)]
2,3,4,6,7,8-HxCDF		0.000011	ND(0.0000011)	NA	ND(0.0000017) [ND(0.00000044)]
HxCDFs (total)		0.00032	0.000040 I	NA	ND(0.0000020) [ND(0.00000055)]
1,2,3,4,6,7,8-HpCDF		0.000047	0.0000048	NA	ND(0.0000020) [ND(0.00000048)]
1,2,3,4,7,8,9-HpCDF		0.0000034	ND(0.0000015)	NA	ND(0.0000028) [ND(0.00000081)]
HpCDFs (total)		0.00012	0.000011	NA	ND(0.0000028) [ND(0.00000081)]
OCDF		0.000049	ND(0.0000032)	NA	ND(0.000012) [ND(0.0000028)]
<b>Dioxins</b>					
2,3,7,8-TCDD		ND(0.0000010)	ND(0.00000072)	NA	ND(0.0000012) [ND(0.00000044)]
TCDDs (total)		ND(0.0000010)	ND(0.00000072)	NA	ND(0.0000012) [ND(0.00000044)]
1,2,3,7,8-PeCDD		ND(0.0000030)	ND(0.0000038)	NA	ND(0.0000031) [ND(0.0000010)]
PeCDDs (total)		ND(0.0000030)	ND(0.0000038)	NA	ND(0.0000031) [ND(0.0000010)]
1,2,3,4,7,8-HxCDD		0.000012	ND(0.00000095)	NA	ND(0.0000024) [ND(0.00000066)]
1,2,3,6,7,8-HxCDD		0.0000025	ND(0.00000095)	NA	ND(0.0000025) [ND(0.00000061)]
1,2,3,7,8,9-HxCDD		0.0000019	ND(0.00000099)	NA	ND(0.0000026) [ND(0.00000064)]
HxCDDs (total)		0.000021	0.0000045	NA	ND(0.0000026) [ND(0.00000066)]
1,2,3,4,6,7,8-HpCDD		0.000046	ND(0.00000095)	NA	ND(0.0000025) [ND(0.00000068)]
HpCDDs (total)		0.000087	ND(0.00000095)	NA	ND(0.0000025) [ND(0.00000068)]
OCDD		0.00027	ND(0.0000034) X	NA	ND(0.0000073) [ND(0.0000016)]
Total TEQs (WHO TEFs)		0.000017	0.00000036	NA	0.00000035 [0.00000012]
<b>Inorganics</b>					
Antimony		1.00 B	ND(6.00)	NA	ND(6.00) [ND(6.00)]
Arsenic		7.70	6.10	NA	5.20 [6.50]
Barium		48.0	40.0	NA	50.0 [34.0]
Beryllium		0.290 B	0.390 B	NA	0.290 B [0.340 B]
Cadmium		1.20	0.430 B	NA	0.290 B [0.310 B]
Chromium		9.60	9.10	NA	6.90 [9.20]
Cobalt		11.0	11.0	NA	9.90 [12.0]
Copper		31.0	21.0	NA	16.0 [20.0]
Cyanide		0.180 B	ND(0.580)	NA	0.230 [ND(0.550)]
Lead		44.0	18.0	NA	5.80 [7.60]
Mercury		0.0640 B	0.0160 B	NA	ND(0.110) [ND(0.110)]
Nickel		20.0	20.0	NA	17.0 [20.0]
Selenium		ND(1.00)	ND(1.00)	NA	ND(1.00) [1.10]
Silver		0.180 B	0.330 B	NA	ND(1.00) [ND(1.00)]
Sulfide		60.0	15.0	NA	34.0 [11.0]
Thallium		ND(1.20)	ND(1.20)	NA	ND(1.10) [ND(1.10)]
Tin		3.40 B	2.20 B	NA	2.30 B [2.30 B]
Vanadium		8.70	7.80	NA	6.30 [8.40]
Zinc		200	62.0	NA	49.0 [66.0]



**TABLE 3-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
EAST STREET AREA 2 - NORTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Date Collected:	RAA5-D17B 12-14 03/12/04	RAA5-D17S 0-1 03/16/04	RAA5-D19S 0-1 03/16/04	RAA5-E6 1-6 03/12/04	RAA5-E6 4-6 03/12/04
<b>Parameter</b>					
<b>Volatiles Organics</b>					
Chlorobenzene	ND(0.0055) [ND(0.0055)]	ND(0.0065)	ND(0.0069)	NA	ND(0.0059)
<b>Semivolatile Organics</b>					
Acenaphthene	NA	0.099 J	ND(0.46)	ND(0.41)	NA
Acenaphthylene	NA	0.48	ND(0.46)	ND(0.41)	NA
Anthracene	NA	0.43 J	ND(0.46)	0.22 J	NA
Benzo(a)anthracene	NA	1.2	ND(0.46)	0.61	NA
Benzo(a)pyrene	NA	0.58	ND(0.46)	0.26 J	NA
Benzo(b)fluoranthene	NA	0.47	ND(0.46)	0.19 J	NA
Benzo(g,h,i)perylene	NA	0.33 J	ND(0.46)	0.12 J	NA
Benzo(k)fluoranthene	NA	0.57	ND(0.46)	0.28 J	NA
Chrysene	NA	1.6	0.13 J	0.57	NA
Dibenzo(a,h)anthracene	NA	0.098 J	ND(0.46)	ND(0.41)	NA
Dibenzofuran	NA	ND(0.44)	ND(0.46)	ND(0.41)	NA
Fluoranthene	NA	2.2	0.19 J	1.1	NA
Fluorene	NA	ND(0.44)	ND(0.46)	ND(0.41)	NA
Indeno(1,2,3-cd)pyrene	NA	0.28 J	ND(0.46)	0.12 J	NA
Phenanthrene	NA	1.2	0.12 J	0.80	NA
Pyrene	NA	3.1	0.22 J	1.1	NA
<b>Furans</b>					
2,3,7,8-TCDF	NA	0.000052 Y	0.000084 Y	ND(0.00000043)	NA
TCDFs (total)	NA	0.00062 I	0.000055 I	ND(0.00000043)	NA
1,2,3,7,8-PeCDF	NA	0.000025	0.0000043	ND(0.00000059)	NA
2,3,4,7,8-PeCDF	NA	0.000025	0.0000099	ND(0.00000064)	NA
PeCDFs (total)	NA	0.0012 I	0.000090 I	ND(0.00000064)	NA
1,2,3,4,7,8-HxCDF	NA	0.0000049	0.0000087	ND(0.00000033)	NA
1,2,3,6,7,8-HxCDF	NA	0.00013	ND(0.00000023)	ND(0.00000031)	NA
1,2,3,7,8,9-HxCDF	NA	ND(0.0000013)	ND(0.00000031)	ND(0.00000036)	NA
2,3,4,6,7,8-HxCDF	NA	0.000012	0.0000084	ND(0.00000031)	NA
HxCDFs (total)	NA	0.00068 I	0.000061 I	ND(0.00000036)	NA
1,2,3,4,6,7,8-HpCDF	NA	0.000032	0.0000059	ND(0.00000031)	NA
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000077)	ND(0.00000029)	ND(0.00000052)	NA
HpCDFs (total)	NA	0.000073	0.000017	ND(0.00000052)	NA
OCDF	NA	0.000012	ND(0.00000051)	ND(0.00000018)	NA
<b>Dioxins</b>					
2,3,7,8-TCDD	NA	ND(0.00000013)	ND(0.00000084)	ND(0.00000043)	NA
TCDDs (total)	NA	ND(0.00000013)	ND(0.00000084)	ND(0.00000043)	NA
1,2,3,7,8-PeCDD	NA	ND(0.0000011)	ND(0.00000040)	ND(0.00000095)	NA
PeCDDs (total)	NA	ND(0.0000011)	ND(0.00000040)	ND(0.00000095)	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.00000031)	ND(0.00000015)	ND(0.00000074)	NA
1,2,3,6,7,8-HxCDD	NA	ND(0.00000029)	ND(0.00000014)	ND(0.00000074)	NA
1,2,3,7,8,9-HxCDD	NA	ND(0.00000030)	ND(0.00000015)	ND(0.00000076)	NA
HxCDDs (total)	NA	0.0000058	ND(0.00000015)	ND(0.00000076)	NA
1,2,3,4,6,7,8-HpCDD	NA	0.000018	0.000016	ND(0.00000057)	NA
HpCDDs (total)	NA	0.000052	0.000095	ND(0.00000057)	NA
OCDD	NA	0.00013	0.00012	0.0000049	NA
Total TEQs (WHO TEFs)	NA	0.000035	0.000022	0.00000011	NA
<b>Inorganics</b>					
Antimony	NA	1.30 B	1.10 B	2.30 B	NA
Arsenic	NA	6.80	6.90	6.40	NA
Barium	NA	42.0	47.0	48.0	NA
Beryllium	NA	0.280 B	0.340 B	0.290 B	NA
Cadmium	NA	1.10	1.00	0.180 B	NA
Chromium	NA	8.10	8.80	5.80	NA
Cobalt	NA	9.30	8.10	8.20	NA
Copper	NA	26.0	22.0	78.0	NA
Cyanide	NA	0.150 B	0.170	0.110 B	NA
Lead	NA	47.0	40.0	260	NA
Mercury	NA	0.140	0.0920 B	0.0840 B	NA
Nickel	NA	14.0	13.0	11.0	NA
Selenium	NA	ND(1.00)	ND(1.00)	1.10	NA
Silver	NA	0.250 B	0.240 B	0.170 B	NA
Sulfide	NA	330	220	9.80	NA
Thallium	NA	ND(1.30)	ND(1.40)	ND(1.20)	NA
Tin	NA	3.50 B	4.60 B	23.0	NA
Vanadium	NA	9.20	9.70	7.70	NA
Zinc	NA	84.0	160	36.0	NA

**TABLE 3-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
EAST STREET AREA 2 - NORTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	RAA5-E8 0-1 03/12/04	RAA5-E21S 0-1 03/16/04	RAA5-H9 6-15 03/12/04	RAA5-H9 14-15 03/12/04
<b>Volatile Organics</b>					
Chlorobenzene		ND(0.0057)	ND(0.0061)	NA	0.012
<b>Semivolatile Organics</b>					
Acenaphthene		ND(0.38)	0.19 J	ND(0.39)	NA
Acenaphthylene		ND(0.38)	0.095 J	ND(0.39)	NA
Anthracene		ND(0.38)	0.33 J	ND(0.39)	NA
Benzo(a)anthracene		0.30 J	0.94	ND(0.39)	NA
Benzo(a)pyrene		0.15 J	0.50	ND(0.39)	NA
Benzo(b)fluoranthene		0.14 J	0.45	ND(0.39)	NA
Benzo(g,h,i)perylene		0.090 J	0.30 J	ND(0.39)	NA
Benzo(k)fluoranthene		0.14 J	0.50	ND(0.39)	NA
Chrysene		0.29 J	1.1	ND(0.39)	NA
Dibenzo(a,h)anthracene		ND(0.38)	0.093 J	ND(0.39)	NA
Dibenzofuran		ND(0.38)	0.086 J	ND(0.39)	NA
Fluoranthene		0.44	2.1	ND(0.39)	NA
Fluorene		ND(0.38)	0.14 J	ND(0.39)	NA
Indeno(1,2,3-cd)pyrene		0.086 J	0.25 J	ND(0.39)	NA
Phenanthrene		0.22 J	1.6	ND(0.39)	NA
Pyrene		0.48	2.1	ND(0.39)	NA
<b>Furans</b>					
2,3,7,8-TCDF		ND(0.00000014)	0.000047 Y	ND(0.000000069)	NA
TCDFs (total)		ND(0.00000014)	0.00054 I	ND(0.000000069)	NA
1,2,3,7,8-PeCDF		ND(0.000000064)	ND(0.00000074)	ND(0.00000010)	NA
2,3,4,7,8-PeCDF		ND(0.000000070)	0.000024	ND(0.00000011)	NA
PeCDFs (total)		ND(0.000000070)	0.00080 I	ND(0.00000011)	NA
1,2,3,4,7,8-HxCDF		ND(0.000000035)	0.0000093	ND(0.000000074)	NA
1,2,3,6,7,8-HxCDF		ND(0.000000037)	ND(0.00000050)	ND(0.000000069)	NA
1,2,3,7,8,9-HxCDF		ND(0.000000024)	ND(0.00000081)	ND(0.00000011)	NA
2,3,4,6,7,8-HxCDF		ND(0.000000037)	ND(0.00000075)	ND(0.000000079)	NA
HxCDFs (total)		ND(0.000000037)	0.00026 I	ND(0.00000011)	NA
1,2,3,4,6,7,8-HpCDF		ND(0.000000033)	0.000020	ND(0.00000023) X	NA
1,2,3,4,7,8,9-HpCDF		ND(0.000000064)	ND(0.00000060)	ND(0.0000017) X	NA
HpCDFs (total)		ND(0.000000064)	0.000042	0.0000018	NA
OCDF		ND(0.000000024)	0.000017	0.0000055	NA
<b>Dioxins</b>					
2,3,7,8-TCDD		ND(0.000000040)	ND(0.00000013)	ND(0.00000012)	NA
TCDDs (total)		ND(0.000000040)	ND(0.00000013)	ND(0.00000012)	NA
1,2,3,7,8-PeCDD		ND(0.000000011)	ND(0.00000015)	ND(0.00000017)	NA
PeCDDs (total)		ND(0.000000011)	ND(0.00000015)	ND(0.00000017)	NA
1,2,3,4,7,8-HxCDD		ND(0.000000081)	ND(0.00000023)	ND(0.00000028)	NA
1,2,3,6,7,8-HxCDD		ND(0.000000079)	ND(0.00000022)	ND(0.00000028)	NA
1,2,3,7,8,9-HxCDD		ND(0.000000081)	ND(0.00000023)	ND(0.00000029)	NA
HxCDDs (total)		ND(0.000000081)	ND(0.00000023)	ND(0.00000029)	NA
1,2,3,4,6,7,8-HpCDD		ND(0.000000081)	0.000020	ND(0.00000017)	NA
HpCDDs (total)		ND(0.000000081)	0.000071	ND(0.00000017)	NA
OCDD		ND(0.000000014)	0.00014	0.0000032	NA
Total TEQs (WHO TEFs)		0.00000012	0.000019	0.0000010	NA
<b>Inorganics</b>					
Antimony		ND(6.00)	1.50 B	ND(6.00)	NA
Arsenic		6.60	7.20	5.90	NA
Barium		26.0	35.0	29.0	NA
Beryllium		0.250 B	0.290 B	0.250 B	NA
Cadmium		0.430 B	1.20	0.200 B	NA
Chromium		8.30	8.70	9.80	NA
Cobalt		16.0	8.90	11.0	NA
Copper		34.0	24.0	24.0	NA
Cyanide		0.0570 B	ND(0.610)	0.0380 B	NA
Lead		47.0	27.0	35.0	NA
Mercury		0.0360 B	0.0600 B	ND(0.120)	NA
Nickel		16.0	17.0	18.0	NA
Selenium		1.10	ND(1.00)	1.00	NA
Silver		0.230 B	0.210 B	ND(1.00)	NA
Sulfide		7.30	35.0	5.60 B	NA
Thallium		ND(1.10)	ND(1.20)	ND(1.20)	NA
Tin		6.10 B	5.20 B	5.00 B	NA
Vanadium		9.20	7.10	8.60	NA
Zinc		140	110	52.0	NA

**TABLE 3-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
EAST STREET AREA 2 - NORTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of Appendix IX+3 constituents.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
5. December 1998.
6. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- J - Indicates an estimated value less than the practical quantitation limit (PQL).
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- X - Estimated maximum possible concentration.
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

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

**ITEM 4  
PLANT AREA  
EAST STREET AREA 1-NORTH  
(GECD130)  
APRIL 2004**

**a. Activities Undertaken/Completed**

- Sent letters to owner of Parcel K10-14-1 regarding a Conditional Solution in accordance with Paragraph 36 of the CD (April 2, 2004).\*
- Sent notice to holders of encumbrances on Parcel K10-14-1 that a Conditional Solution was implemented at the property (April 16, 2004).\*
- Sent letter to owner of Parcel K11-1-15 regarding Conditional Solution in accordance with Paragraph 36 of the CD (April 30, 2004).\*
- Continued discussions regarding EREs and subordination agreements for GE-owned properties at this area.\*
- Conducted oil drum sampling (see Table 4-1).

**b. Sampling/Test Results Received**

None

**c. Work Plans/Reports/Documents Submitted**

None

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

- Continue discussions with holders of encumbrances on GE properties regarding subordination agreements.\*
- Submit executed EREs and subordination agreements for GE properties.\*
- Conduct pre-certification inspection of this RAA with EPA and MDEP.\*

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

**f. Proposed/Approved Work Plan Modifications**

None

**TABLE 4-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**EAST STREET AREA 1 - NORTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Oil Drum Sampling	C0583	4/12/04	Oil	CT&E	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals	

**ITEM 5  
PLANT AREA  
HILL 78 & BUILDING 71 CONSOLIDATION AREAS  
(GEC210/220)  
APRIL 2004**

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

**a. Activities Undertaken/Completed**

- Conducted ambient air sampling for particulate matter (as identified in Table 5-1).
- Continued transfer of leachate from Building 71 On-Plant Consolidation Area (OPCA) to Building 64G for treatment. The total amount transferred in April 2004 was 107,000 gallons (see Table 5-3).
- Transferred 94 1-cubic yard filter cake boxes and 15 drums of soil cuttings from Buildings 12 and 78 to OPCA 71 cell (see Table 5-4).
- Transferred approximately 50 cubic yards of soil to Hill 78 OPCA from emergency repair of fire main near Building 64.
- Transferred Building 40B demolition debris, and soil and sediment from 1½-Mile Reach of the River to the OPCAs.

**b. Sampling/Test Results Received**

See attached tables.

**c. Work Plans/Reports/Documents Submitted**

None

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

- Continue transfer of building demolition debris and/or excavated material from 1½ Mile Reach to the OPCAs.
- Initiate transfer of excavated material from the Newell Street Area I removal activities.

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

**f. Proposed/Approved Work Plan Modifications**

None

**TABLE 5-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

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

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Ambient Air Particulate Matter Sampling	North of OPCAs	4/27/04	Air	Berkshire Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	4/27/04	Air	Berkshire Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	4/27/04	Air	Berkshire Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	4/27/04	Air	Berkshire Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	West of OPCAs	4/27/04	Air	Berkshire Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	Background Location	4/27/04	Air	Berkshire Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	North of OPCAs	4/28/04	Air	Berkshire Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	4/28/04	Air	Berkshire Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	4/28/04	Air	Berkshire Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	4/28/04	Air	Berkshire Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	West of OPCAs	4/28/04	Air	Berkshire Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	Background Location	4/28/04	Air	Berkshire Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	North of OPCAs	4/29/04	Air	Berkshire Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	4/29/04	Air	Berkshire Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	4/29/04	Air	Berkshire Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	4/29/04	Air	Berkshire Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	West of OPCAs	4/29/04	Air	Berkshire Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	Background Location	4/29/04	Air	Berkshire Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	North of OPCAs	4/30/04	Air	Berkshire Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	4/30/04	Air	Berkshire Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	4/30/04	Air	Berkshire Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	4/30/04	Air	Berkshire Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	West of OPCAs	4/30/04	Air	Berkshire Environmental	Particulate Matter	5/3/04
Ambient Air Particulate Matter Sampling	Background Location	4/30/04	Air	Berkshire Environmental	Particulate Matter	5/3/04

**TABLE 5-2  
 AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING APRIL 2004**

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

<b>Date</b>	<b>Sampler Location</b>	<b>Average Site Concentration (mg/m<sup>3</sup>)</b>	<b>Background Site Concentration (mg/m<sup>3</sup>)</b>	<b>Average Period (Hours:Min)</b>	<b>Predominant Wind Direction</b>
4/26/2004 <sup>2</sup>	North of OPCAs Pittsfield Generating Co. Southeast of OPCAs Southwest of OPCAs West of OPCAs	NA	NA	NA	NA
04/27/04	North of OPCAs Pittsfield Generating Co. Southeast of OPCAs Southwest of OPCAs West of OPCAs	0.010 0.015* 0.013 0.015* 0.008	0.014*	9:30 9:30 9:30 9:30 9:30	NA
04/28/04	North of OPCAs Pittsfield Generating Co. Southeast of OPCAs Southwest of OPCAs West of OPCAs	0.004 0.007* 0.045 0.002* 0.004	0.011*	10:30 11:15 10:30 11:30 10:30	NA
04/29/04	North of OPCAs Pittsfield Generating Co. Southeast of OPCAs Southwest of OPCAs West of OPCAs	0.006 0.017* 0.035 0.013* 0.008	0.013*	11:15 11:15 11:15 11:15 11:15	NA
04/30/04	North of OPCAs Pittsfield Generating Co. Southeast of OPCAs Southwest of OPCAs West of OPCAs	0.009 0.017* 0.042 0.018* 0.011	0.015*	10:45 10:45 10:45 10:45 10:45	NA
Notification Level		0.120			

NA - Not Available

\* Measured with DR-2000. All others measured with pDR-1000.

Background monitoring location inside GE Gate 31 on the corner of Woodlawn Avenue and Tyler Street.

<sup>1</sup> Weather data for the week to be supplied at a later date.

<sup>2</sup> Sampling was not performed due to precipitation/threat of precipitation.



**TABLE 5-3**  
**BUILDING 71 CONSOLIDATION AREA LEACHATE TRANSFER SUMMARY**  
**PLANT AREA - HILL 78 & BUILDING 71 CONSOLIDATION AREAS**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**April 2004**

Month / Year	Total Volume of Leachate Transferred (Gallons)
April 2003	100,000
May 2003	68,000
June 2003	65,000
July 2003	53,000
August 2003	122,500
September 2003	94,000
October 2003	84,000
November 2003	86,500
December 2003	102,500
January 2004	35,000
February 2004	30,000
March 2004	98,000
April 2004	107,000

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

**TABLE 5-4**  
**BUILDING 71 CONSOLIDATION AREA FILTER CAKE AND SOIL TRANSFER SUMMARY**  
**PLANT AREA - HILL 78 & BUILDING 71 CONSOLIDATION AREAS**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**April 2004**

Load	Location Obtained	Container Number	Description of Material
1	Building 12	F0997	PCB Filter Cake
		F0005	PCB Filter Cake
		F1000	PCB Filter Cake
		F0998	PCB Filter Cake
		F0999	PCB Filter Cake
		F0996	PCB Filter Cake
		F0011	PCB Filter Cake
		F0009	PCB Filter Cake
2	Building 12	F0010	PCB Filter Cake
		F0008	PCB Filter Cake
		F0006	PCB Filter Cake
		F0007	PCB Filter Cake
		F0016	PCB Filter Cake
		F0014	PCB Filter Cake
		F0017	PCB Filter Cake
		F0015	PCB Filter Cake
		F0013	PCB Filter Cake
		F0012	PCB Filter Cake
		F0024	PCB Filter Cake
3	Building 12	F0023	PCB Filter Cake
		F0021	PCB Filter Cake
		F0018	PCB Filter Cake
		F0019	PCB Filter Cake
		F0020	PCB Filter Cake
		F0030	PCB Filter Cake
		F0031	PCB Filter Cake
		F0032	PCB Filter Cake
4	Building 12	F0028	PCB Filter Cake
		F0029	PCB Filter Cake
		F0022	PCB Filter Cake
		F0037	PCB Filter Cake
		F0039	PCB Filter Cake
		F0035	PCB Filter Cake
		F0036	PCB Filter Cake
		F0033	PCB Filter Cake
		F0034	PCB Filter Cake
		F0046	PCB Filter Cake
F0044	PCB Filter Cake		

**TABLE 5-4**  
**BUILDING 71 CONSOLIDATION AREA FILTER CAKE AND SOIL TRANSFER SUMMARY**  
**PLANT AREA - HILL 78 & BUILDING 71 CONSOLIDATION AREAS**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**April 2004**

Load	Location Obtained	Container Number	Description of Material
5	Building 12	F0041	PCB Filter Cake
		F0042	PCB Filter Cake
		F0040	PCB Filter Cake
		F0038	PCB Filter Cake
		F0043	PCB Filter Cake
		A0016	Unkamet Brook Soil Cuttings
		F0479	Silver Lake Soil Cuttings
6	Building 78	F0971	PCB Filter Cake
		F0970	PCB Filter Cake
		F0955	PCB Filter Cake
		F0958	PCB Filter Cake
		F0959	PCB Filter Cake
		F0948	PCB Filter Cake
		F0947	PCB Filter Cake
		F0950	PCB Filter Cake
		F0949	PCB Filter Cake
		F0954	PCB Filter Cake
		F0953	PCB Filter Cake
7	Building 78	F0960	PCB Filter Cake
		F0957	PCB Filter Cake
		F0956	PCB Filter Cake
		F0965	PCB Filter Cake
		F0966	PCB Filter Cake
		F0961	PCB Filter Cake
		F0943	PCB Filter Cake
		F0934	PCB Filter Cake
8	Building 78	F0972	PCB Filter Cake
		F0968	PCB Filter Cake
		F0973	PCB Filter Cake
		F0967	PCB Filter Cake
		F0969	PCB Filter Cake
		F0992	PCB Filter Cake
		F0993	PCB Filter Cake
		F0994	PCB Filter Cake
		F0995	PCB Filter Cake
		F0988	PCB Filter Cake
F0989	PCB Filter Cake		

**TABLE 5-4**  
**BUILDING 71 CONSOLIDATION AREA FILTER CAKE AND SOIL TRANSFER SUMMARY**  
**PLANT AREA - HILL 78 & BUILDING 71 CONSOLIDATION AREAS**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**April 2004**

Load	Location Obtained	Container Number	Description of Material
9	Building 78	F0991	PCB Filter Cake
		F0990	PCB Filter Cake
		F0964	PCB Filter Cake
		F0963	PCB Filter Cake
		F0952	PCB Filter Cake
		F0951	PCB Filter Cake
		F0962	PCB Filter Cake
		F0981	PCB Filter Cake
10	Building 78	F0980	PCB Filter Cake
		F0982	PCB Filter Cake
		F0976	PCB Filter Cake
		F0974	PCB Filter Cake
		F0975	PCB Filter Cake
		F0986	PCB Filter Cake
		F0984	PCB Filter Cake
		F0983	PCB Filter Cake
		F0987	PCB Filter Cake
		F0985	PCB Filter Cake
		F0978	PCB Filter Cake
11	Building 78	F0977	PCB Filter Cake
		F0979	PCB Filter Cake
		A1189	Unkamet Brook Soil Cuttings
		A1180	East Street Area 2 North Soil Cuttings
		A0686	GMA3-11 Soil Cuttings
		A1037	GMA3-12 Soil Cuttings
		A0694	GMA3-8 Soil Cuttings
		A0676	GMA3-10 Soil Cuttings
		A1036	GMA3-12 Soil Cuttings
		F0471	East Street Area 2 North Soil Cuttings
		F0483	Silver Lake Soil Cuttings
		F0480	30s Complex Soil Cuttings
		A0687	GMA3-11 Soil Cuttings
		A0688	MW-4 Soil Cuttings
		A0685	GMA3-5 Soil Cuttings

**Notes**

1. All PCB filter cakes were transported in 1 cubic yard boxes.
2. All soil cuttings were transported in either 15 or 55 gallon steel drums.
3. All containers were destroyed at Building 71 OPCA.

**ITEM 6  
PLANT AREA  
HILL 78 AREA - REMAINDER  
(GEC160)  
APRIL 2004**

**a. Activities Undertaken/Completed**

None

**b. Sampling/Test Results Received**

None

**c. Work Plans/Reports/Documents Submitted**

None

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

Following EPA approval of Pre-Design Investigation Work Plan, initiate pre-design soil sampling.

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

**f. Proposed/Approved Work Plan Modifications**

None

**ITEM 7  
PLANT AREA  
UNKAMET BROOK AREA  
(GECD170)  
APRIL 2004**

**a. Activities Undertaken/Completed**

- Continued pre-design investigation soil sampling.\*
- Received signed owner access agreement for Parcel L12-1-5 (April 22, 2004).
- Conducted other miscellaneous sampling as identified in Table 7-1.

**b. Sampling/Test Results Received**

See attached tables.

**c. Work Plans/Reports/Documents Submitted**

None

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

- Continue pre-design investigation soil sampling.\*
- Following EPA approval of additional sampling proposed in Interim Pre-Design Investigation Report, conduct such additional sampling.\*

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

**f. Proposed/Approved Work Plan Modifications**

None

**TABLE 7-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Depth (feet)</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Building 119W Oil/Water Separator "Heel" Material Sampling	BLD119W-HEEL-1	4/21/04	NA	Sludge/Liquid	CT&E	PCB, Metals, VOC, SVOC, Flashpoint	
Oil Drum Sampling	E0498	4/12/04	NA	Oil	CT&E	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals	
Oil Drum Sampling at Plastics 51-21 Hut	78-E0498-OIL-1	4/23/04	NA	Oil	CT&E	PCB, VOC, SVOC, Total RCRA Metals, Flashpoint	
Pre-Design Soil Investigation Sampling	RAA10-DUP-37 (RAA10-W-H9)	3/8/04	0-1	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-38 (RAA10-W-H9)	3/8/04	0-1	Soil	CT&E	VOC	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-42 (RAA10-N-O24)	3/22/04	6-15	Soil	CT&E	Pest, Herb	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-43 (RAA10-N-G16)	3/23/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-44 (RAA10-N-G16)	3/23/04	4-6	Soil	CT&E	VOC	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-45 (RAA10-N-K12)	3/24/04	0-1	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-46 (RAA10-N-K12)	3/24/04	3-6	Soil	CT&E	Pest, Herb	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-47 (RAA10-W-P15)	3/25/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-48 (RAA10-W-P15)	3/25/04	14-15	Soil	CT&E	VOC	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-49 (RAA10-N-DD26)	3/29/04	0-1	Soil	CT&E	PCB	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-50 (RAA10-N-AA28)	4/1/04	1-3	Soil	CT&E	PCB	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-51 (RAA10-N-M26)	4/2/04	3-6	Soil	CT&E	PCB	4/20/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-52 (RAA10-N-K24)	4/2/04	0-1	Soil	CT&E	VOC, SVOC, Inorganics	4/20/04
Pre-Design Soil Investigation Sampling	RAA10-N-AA28	4/1/04	0-1	Soil	CT&E	PCB	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-AA28	4/1/04	1-3	Soil	CT&E	PCB	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-AA28	4/1/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-AA28	4/1/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-AA28	4/1/04	10-12	Soil	CT&E	VOC	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-AA28	4/1/04	4-6	Soil	CT&E	VOC	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-CC26	3/29/04	0-1	Soil	CT&E	PCB	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-CC26	3/29/04	1-3	Soil	CT&E	PCB	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-CC26	3/29/04	3-6	Soil	CT&E	PCB	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-CC26	3/29/04	6-15	Soil	CT&E	PCB	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-DD26	3/29/04	0-1	Soil	CT&E	PCB	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-DD26	3/29/04	1-3	Soil	CT&E	PCB	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-DD26	3/29/04	3-6	Soil	CT&E	PCB	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-G16	3/23/04	0-1	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-G16	3/23/04	1-3	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-G16	3/23/04	6-15	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-G16	3/23/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-G16	3/23/04	4-6	Soil	CT&E	VOC	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-G20	3/23/04	1-3	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-G20	3/23/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-G20	3/23/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-G20	3/23/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest,	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-G20	3/23/04	4-6	Soil	CT&E	VOC	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-G20	3/23/04	8-10	Soil	CT&E	VOC	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-G24	3/22/04	3-6	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-G24	3/22/04	6-15	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-G24	3/22/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-G24	3/22/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-GG26	3/29/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-GG26	3/29/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-GG26	3/29/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-GG26	3/29/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-GG26	3/29/04	4-6	Soil	CT&E	VOC	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-GG26	3/29/04	8-10	Soil	CT&E	VOC	4/16/04

**TABLE 7-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Investigation Sampling	RAA10-N-K10	3/24/04	3-6	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-K10	3/24/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-K10	3/24/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-K10	3/24/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest,	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-K10	3/24/04	6-8	Soil	CT&E	VOC	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-K12	3/24/04	0-1	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-K12	3/24/04	1-3	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-K12	3/24/04	6-15	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-K12	3/24/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-K12	3/24/04	4-6	Soil	CT&E	VOC	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-K16	3/24/04	3-6	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-K16	3/24/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-K16	3/24/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-K16	3/24/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest,	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-K16	3/24/04	12-14	Soil	CT&E	VOC	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-K20	3/22/04	0-1	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-K20	3/22/04	1-3	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-K20	3/22/04	6-15	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-K20	3/22/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-K20	3/22/04	4-6	Soil	CT&E	VOC	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-K24	4/2/04	3-6	Soil	CT&E	PCB	4/20/04
Pre-Design Soil Investigation Sampling	RAA10-N-K24	4/2/04	6-15	Soil	CT&E	PCB	4/20/04
Pre-Design Soil Investigation Sampling	RAA10-N-K24	4/2/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics	4/20/04
Pre-Design Soil Investigation Sampling	RAA10-N-K24	4/2/04	0-1	Soil	CT&E	VOC, SVOC, Inorganics	4/20/04
Pre-Design Soil Investigation Sampling	RAA10-N-M10	3/24/04	1-3	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-M10	3/24/04	6-15	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-M10	3/24/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-M10	3/24/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-M10	3/24/04	3-4	Soil	CT&E	VOC	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-M12	3/26/04	0-1	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-M12	3/26/04	3-6	Soil	CT&E	PCB	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-M12	3/26/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-M12	3/26/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-M12	3/26/04	6-8	Soil	CT&E	VOC	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-M14	3/25/04	1-3	Soil	CT&E	PCB	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-N-M14	3/25/04	3-6	Soil	CT&E	PCB	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-N-M14	3/25/04	6-15	Soil	CT&E	PCB	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-N-M14	3/25/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-N-M26	4/2/04	1-3	Soil	CT&E	PCB	4/20/04
Pre-Design Soil Investigation Sampling	RAA10-N-M26	4/2/04	3-6	Soil	CT&E	PCB	4/20/04
Pre-Design Soil Investigation Sampling	RAA10-N-M26	4/2/04	6-15	Soil	CT&E	PCB	4/20/04
Pre-Design Soil Investigation Sampling	RAA10-N-M26	4/2/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, Pest, Herb,	4/20/04
Pre-Design Soil Investigation Sampling	RAA10-N-O24	3/22/04	1-3	Soil	CT&E	PCDD/PCDF	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-O24	3/22/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-O24	3/22/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-O24	3/22/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest,	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-O24	3/22/04	10-12	Soil	CT&E	VOC	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-O24	3/22/04	4-6	Soil	CT&E	VOC	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-N-O28	4/1/04	1-3	Soil	CT&E	PCB	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-O28	4/1/04	6-15	Soil	CT&E	PCB	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-O28	4/1/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	4/16/04



**TABLE 7-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Investigation Sampling	RAA10-N-O28	4/1/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-O28	4/1/04	4-6	Soil	CT&E	VOC	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-Q18.5	3/25/04	1-3	Soil	CT&E	PCB	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-N-Q18.5	3/25/04	3-6	Soil	CT&E	PCB	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-N-Q18.5	3/25/04	6-15	Soil	CT&E	PCB	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-N-Q18.5	3/25/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest,	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-N-S24	3/17/04	3-6	Soil	CT&E	PCB	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-S24	3/17/04	6-15	Soil	CT&E	PCB	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-S24	3/17/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-S24	3/17/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest,	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-S28	4/1/04	0-1	Soil	CT&E	PCB	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-S28	4/1/04	3-6	Soil	CT&E	PCB	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-S28	4/1/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-S28	4/1/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-S28	4/1/04	12-14	Soil	CT&E	VOC	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-T19.5	3/25/04	0-1	Soil	CT&E	PCB	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-N-T19.5	3/25/04	3-6	Soil	CT&E	PCB	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-N-T19.5	3/25/04	6-15	Soil	CT&E	PCB	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-N-T19.5	3/25/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest,	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-N-W24	3/16/04	1-3	Soil	CT&E	PCB	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-W24	3/16/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-W24	3/16/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-W24	3/16/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest,	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-W24	3/16/04	4-6	Soil	CT&E	VOC	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-W24	3/16/04	8-10	Soil	CT&E	VOC	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-W28	4/1/04	0-1	Soil	CT&E	PCB	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-W28	4/1/04	1-3	Soil	CT&E	PCB	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-W28	4/1/04	3-6	Soil	CT&E	PCB	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-N-W28	4/1/04	6-15	Soil	CT&E	PCB	4/16/04
Pre-Design Soil Investigation Sampling	RAA10-W-DUF-41 (RAA10-W- D42)	3/10/04	1-6	Soil	CT&E	PCB	4/7/04
Pre-Design Soil Investigation Sampling	RAA10-W-G7	3/8/04	1-6	Soil	CT&E	PCB	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-W-G7	3/8/04	6-15	Soil	CT&E	PCB	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-W-G7	3/8/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-W-H4	3/8/04	0-1	Soil	CT&E	PCB	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-W-H4	3/8/04	1-6	Soil	CT&E	PCB	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-W-H4	3/8/04	6-15	Soil	CT&E	PCB	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-W-H9	3/8/04	1-6	Soil	CT&E	PCB	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-W-H9	3/8/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-W-H9	3/8/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-W-H9	3/8/04	14-15	Soil	CT&E	VOC	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-W-J10	3/8/04	0-1	Soil	CT&E	PCB	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-W-J10	3/8/04	1-6	Soil	CT&E	PCB	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-W-J10	3/8/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-W-J10	3/8/04	14-15	Soil	CT&E	VOC	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-W-L11	3/8/04	1-6	Soil	CT&E	PCB	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-W-L11	3/8/04	6-15	Soil	CT&E	PCB	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-W-L11	3/8/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	4/12/04
Pre-Design Soil Investigation Sampling	RAA10-W-O15	4/9/04	0-1	Soil	CT&E	PCB	4/26/04
Pre-Design Soil Investigation Sampling	RAA10-W-O16	4/9/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	4/26/04
Pre-Design Soil Investigation Sampling	RAA10-W-O16	4/9/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	4/26/04
Pre-Design Soil Investigation Sampling	RAA10-W-O16	4/9/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	4/26/04

**TABLE 7-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Investigation Sampling	RAA10-W-O16	4/9/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	4/26/04
Pre-Design Soil Investigation Sampling	RAA10-W-O16	4/9/04	14-15	Soil	CT&E	VOC	4/26/04
Pre-Design Soil Investigation Sampling	RAA10-W-O16	4/9/04	4-6	Soil	CT&E	VOC	4/26/04
Pre-Design Soil Investigation Sampling	RAA10-W-P11	3/10/04	0-1	Soil	CT&E	PCB	4/7/04
Pre-Design Soil Investigation Sampling	RAA10-W-P11	3/10/04	1-6	Soil	CT&E	PCB	4/7/04
Pre-Design Soil Investigation Sampling	RAA10-W-P11	3/10/04	6-15	Soil	CT&E	PCB	4/7/04
Pre-Design Soil Investigation Sampling	RAA10-W-P15	3/25/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-W-P15	3/25/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-W-P15	3/25/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-W-P15	3/25/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-W-P15	3/25/04	14-15	Soil	CT&E	VOC	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-W-P15	3/25/04	4-6	Soil	CT&E	VOC	4/9/04
Pre-Design Soil Investigation Sampling	RAA10-W-P16	4/9/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	4/26/04
Pre-Design Soil Investigation Sampling	RAA10-W-P17	4/9/04	0-1	Soil	CT&E	PCB	4/26/04
Pre-Design Soil Investigation Sampling	RAA10-W-P17	4/9/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	4/26/04
Pre-Design Soil Investigation Sampling	RAA10-W-P17	4/9/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	4/26/04
Pre-Design Soil Investigation Sampling	RAA10-W-P17	4/9/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	4/26/04
Pre-Design Soil Investigation Sampling	RAA10-W-P17	4/9/04	12-14	Soil	CT&E	VOC	4/26/04
Pre-Design Soil Investigation Sampling	RAA10-W-P17	4/9/04	4-6	Soil	CT&E	VOC	4/26/04
Pre-Design Soil Investigation Sampling	RAA10-W-P9	3/10/04	1-6	Soil	CT&E	PCB	4/7/04
Pre-Design Soil Investigation Sampling	RAA10-W-P9	3/10/04	6-11	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	4/7/04
Pre-Design Soil Investigation Sampling	RAA10-W-P9	3/10/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	4/7/04
Pre-Design Soil Investigation Sampling	RAA10-W-P9	3/10/04	8-10	Soil	CT&E	VOC	4/7/04
Pre-Design Soil Investigation Sampling	RAA10-W-Q14	3/26/04	0-1	Soil	CT&E	PCB	4/14/04
Pre-Design Soil Investigation Sampling	RAA10-W-Q15	3/26/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	4/14/04
Pre-Design Soil Investigation Sampling	RAA10-W-Q16	3/26/04	0-1	Soil	CT&E	PCB	4/14/04
Pre-Design Soil Investigation Sampling	RAA10-W-R13	3/10/04	1-6	Soil	CT&E	PCB	4/7/04
Pre-Design Soil Investigation Sampling	RAA10-W-R13	3/10/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	4/7/04
Pre-Design Soil Investigation Sampling	RAA10-W-R13	3/10/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	4/7/04
Pre-Design Soil Investigation Sampling	RAA10-W-R13	3/10/04	14-15	Soil	CT&E	VOC	4/7/04
Pre-Design Soil Investigation Sampling	RAA10-W-R15	3/26/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	4/14/04
Pre-Design Soil Investigation Sampling	RAA10-W-R15	3/26/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	4/14/04
Pre-Design Soil Investigation Sampling	RAA10-W-R15	3/26/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	4/14/04
Pre-Design Soil Investigation Sampling	RAA10-W-R15	3/26/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	4/14/04
Pre-Design Soil Investigation Sampling	RAA10-W-R15	3/26/04	14-15	Soil	CT&E	VOC	4/14/04
Pre-Design Soil Investigation Sampling	RAA10-W-R15	3/26/04	4-6	Soil	CT&E	VOC	4/14/04
Pre-Design Soil Investigation Sampling	RAA10-W-S11	3/10/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	4/7/04
Pre-Design Soil Investigation Sampling	RAA10-W-S11	3/10/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	4/7/04
Pre-Design Soil Investigation Sampling	RAA10-W-S11	3/10/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	4/7/04
Pre-Design Soil Investigation Sampling	RAA10-W-S11	3/10/04	14-15	Soil	CT&E	VOC	4/7/04
Pre-Design Soil Investigation Sampling	RAA10-W-S11	3/10/04	4-6	Soil	CT&E	VOC	4/7/04
Well 51-59 @ Plastics Sampling	U0394-U0300-U0300-U0307-C0020	4/14/04	NA	Oil	CT&E	PCB, VOC, SVOC, Flashpoint, Total RCRA Metals	

**Notes:**

1. Field duplicate sample locations are presented in parenthesis.

**TABLE 7-2  
PCB DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1248	Aroclor-1242	Aroclor-1254	Aroclor-1260	Total PCBs
RAA10-N-AA28	0-1	4/1/2004	ND(0.042)	ND(0.042)	0.30	0.19	0.49
	1-3	4/1/2004	ND(0.044) [ND(0.041)]	ND(0.044) [ND(0.041)]	ND(0.044) [ND(0.041)]	ND(0.044) [ND(0.041)]	ND(0.044) [ND(0.041)]
	3-6	4/1/2004	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)
	6-15	4/1/2004	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA10-N-CC26	0-1	3/29/2004	ND(0.055)	ND(0.055)	0.40	0.52	0.92
	1-3	3/29/2004	ND(0.073)	ND(0.073)	0.050 J	0.051 J	0.101 J
	3-6	3/29/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	3/29/2004	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA10-N-DD26	0-1	3/29/2004	ND(0.050) [ND(0.048)]	ND(0.050) [ND(0.048)]	0.073 [0.051]	0.27 [0.14]	0.343 [0.191]
	1-3	3/29/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	3-6	3/29/2004	ND(0.065)	ND(0.065)	0.30	0.24	0.54
RAA10-N-G16	0-1	3/23/2004	ND(0.041)	ND(0.041)	0.024 J	0.020 J	0.044 J
	1-3	3/23/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	3-6	3/23/2004	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	0.41 [0.51]	0.31 [0.25]	0.72 [0.76]
	6-15	3/23/2004	ND(0.040)	ND(0.040)	0.028 J	0.018 J	0.046 J
RAA10-N-G20	0-1	3/23/2004	ND(0.068)	ND(0.068)	ND(0.068)	ND(0.068)	ND(0.068)
	1-3	3/23/2004	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)
	3-6	3/23/2004	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)
	6-15	3/23/2004	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA10-N-G24	0-1	3/22/2004	ND(0.070)	ND(0.070)	ND(0.070)	ND(0.070)	ND(0.070)
	1-3	3/22/2004	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)
	3-6	3/22/2004	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	6-15	3/22/2004	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)
RAA10-N-GG26	0-1	3/29/2004	ND(0.037)	ND(0.037)	0.94	0.52	1.46
	1-3	3/29/2004	ND(0.034)	ND(0.034)	0.039	ND(0.034)	0.039
	3-6	3/29/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	3/29/2004	ND(0.073)	ND(0.073)	ND(0.073)	ND(0.073)	ND(0.073)
RAA10-N-K10	0-1	3/24/2004	ND(0.20)	ND(0.20)	ND(0.20)	3.0	3.0
	1-3	3/24/2004	ND(0.22)	ND(0.22)	ND(0.22)	6.0	6.0
	3-6	3/24/2004	ND(0.045)	ND(0.045)	0.77	0.61	1.38
	6-15	3/24/2004	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)
RAA10-N-K12	0-1	3/24/2004	ND(0.11) [ND(0.12)]	ND(0.11) [ND(0.12)]	2.0 [1.5]	2.0 [1.8]	4.0 [3.3]
	1-3	3/24/2004	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)
	3-6	3/24/2004	ND(0.064)	ND(0.064)	ND(0.064)	ND(0.064)	ND(0.064)
	6-15	3/24/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA10-N-K16	0-1	3/24/2004	ND(0.11)	ND(0.11)	0.48	0.24	0.72
	1-3	3/24/2004	ND(0.099)	ND(0.099)	ND(0.099)	ND(0.099)	ND(0.099)
	3-6	3/24/2004	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)
	6-15	3/24/2004	ND(0.068)	ND(0.068)	ND(0.068)	ND(0.068)	ND(0.068)
RAA10-N-K20	0-1	3/22/2004	ND(0.075)	ND(0.075)	ND(0.075)	ND(0.075)	ND(0.075)
	1-3	3/22/2004	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)
	3-6	3/22/2004	ND(0.089)	ND(0.089)	ND(0.089)	ND(0.089)	ND(0.089)
	6-15	3/22/2004	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
RAA10-N-K24	1-3	4/2/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	3-6	4/2/2004	ND(0.078)	ND(0.078)	ND(0.078)	ND(0.078)	ND(0.078)
	6-15	4/2/2004	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)
RAA10-N-M10	0-1	3/24/2004	ND(0.052)	ND(0.052)	ND(0.052)	1.8	1.8
	1-3	3/24/2004	ND(0.24)	ND(0.24)	2.7	3.2	5.9
	3-6	3/24/2004	ND(0.38)	ND(0.38)	4.2	3.7	7.9
	6-15	3/24/2004	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)
RAA10-N-M12	0-1	3/26/2004	ND(0.094)	ND(0.094)	1.5	2.0	3.5
	1-3	3/26/2004	ND(0.15)	ND(0.15)	0.46	0.57	1.03
	3-6	3/26/2004	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)
	6-15	3/26/2004	ND(0.044)	ND(0.044)	0.085	0.086	0.171
RAA10-N-M14	0-1	3/25/2004	ND(0.15)	ND(0.15)	1.0	1.0	2.0
	1-3	3/25/2004	ND(0.16)	ND(0.16)	0.20	0.27	0.47
	3-6	3/25/2004	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)
	6-15	3/25/2004	ND(0.061)	ND(0.061)	ND(0.061)	ND(0.061)	ND(0.061)
RAA10-N-M26	0-1	4/2/2004	ND(0.051)	ND(0.051)	ND(0.051)	0.026 J	0.026 J
	1-3	4/2/2004	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	3-6	4/2/2004	ND(0.059) [ND(0.056)]	ND(0.059) [ND(0.056)]	ND(0.059) [ND(0.056)]	ND(0.059) [ND(0.056)]	ND(0.059) [ND(0.056)]
	6-15	4/2/2004	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)
RAA10-N-O24	0-1	3/22/2004	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)
	1-3	3/22/2004	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)
	3-6	3/22/2004	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
	6-15	3/22/2004	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)

**TABLE 7-2  
PCB DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1248	Aroclor-1242	Aroclor-1254	Aroclor-1260	Total PCBs
RAA10-N-O28	0-1	4/1/2004	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	1-3	4/1/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	3-6	4/1/2004	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	6-15	4/1/2004	ND(0.061)	ND(0.061)	ND(0.061)	ND(0.061)	ND(0.061)
RAA10-N-Q18.5	0-1	3/25/2004	ND(7.6)	ND(7.6)	44	48	92
	1-3	3/25/2004	ND(0.071)	ND(0.071)	1.5	1.2	2.7
	3-6	3/25/2004	ND(0.084)	ND(0.084)	2.7	2.2	4.9
	6-15	3/25/2004	ND(0.099)	ND(0.099)	0.21	0.20	0.41
RAA10-N-S24	0-1	3/17/2004	ND(0.087)	ND(0.087)	ND(0.087)	0.058 J	0.058 J
	1-3	3/17/2004	ND(0.066)	ND(0.066)	ND(0.066)	ND(0.066)	ND(0.066)
	3-6	3/17/2004	ND(0.082)	ND(0.082)	ND(0.082)	ND(0.082)	ND(0.082)
	6-15	3/17/2004	ND(0.070)	ND(0.070)	ND(0.070)	ND(0.070)	ND(0.070)
RAA10-N-S28	0-1	4/1/2004	ND(0.044)	ND(0.044)	ND(0.044)	0.030 J	0.030 J
	1-3	4/1/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	3-6	4/1/2004	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)
	6-15	4/1/2004	ND(0.066)	ND(0.066)	ND(0.066)	ND(0.066)	ND(0.066)
RAA10-N-T19.5	0-1	3/25/2004	ND(3.7)	ND(3.7)	39	6.0	45
	1-3	3/25/2004	ND(0.36)	ND(0.36)	10	2.5	12.5
	3-6	3/25/2004	ND(0.64)	ND(0.64)	18	5.3	23.3
	6-15	3/25/2004	ND(0.098)	ND(0.098)	1.0	0.66	1.66
RAA10-N-W24	0-1	3/16/2004	ND(0.095)	ND(0.095)	1.6	1.2	2.8
	1-3	3/16/2004	ND(0.075)	ND(0.075)	0.046 J	0.037 J	0.083 J
	3-6	3/16/2004	ND(0.094)	ND(0.094)	ND(0.094)	ND(0.094)	ND(0.094)
	6-15	3/16/2004	ND(0.070)	ND(0.070)	ND(0.070)	ND(0.070)	ND(0.070)
RAA10-N-W28	0-1	4/1/2004	ND(0.044)	ND(0.044)	0.17	0.24	0.41
	1-3	4/1/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	3-6	4/1/2004	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	6-15	4/1/2004	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
RAA10-W-G7	0-1	3/8/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	1-6	3/8/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	3/8/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA10-W-H4	0-1	3/8/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	1-6	3/8/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	3/8/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA10-W-H9	0-1	3/8/2004	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]
	1-6	3/8/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	3/8/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-W-J10	0-1	3/8/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-6	3/8/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	3/8/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA10-W-L11	0-1	3/8/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	1-6	3/8/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	3/8/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-W-O15	0-1	4/9/2004	ND(0.042)	ND(0.042)	0.084	0.17	0.254
RAA10-W-O16	0-1	4/9/2004	ND(0.042)	ND(0.042)	0.13	0.20	0.33
	1-3	4/9/2004	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	3-6	4/9/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	4/9/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA10-W-P9	0-1	3/10/2004	ND(0.037)	ND(0.037)	ND(0.037)	0.13	0.13
	1-6	3/10/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-11	3/10/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA10-W-P11	0-1	3/10/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	1-6	3/10/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	3/10/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-W-P15	0-1	3/25/2004	ND(0.041)	ND(0.041)	0.10	0.081	0.181
	1-3	3/25/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	3-6	3/25/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	3/25/2004	ND(0.037) [ND(0.036)]	ND(0.037) [ND(0.036)]	ND(0.037) [ND(0.036)]	ND(0.037) [ND(0.036)]	ND(0.037) [ND(0.036)]
RAA10-W-P16	0-1	4/9/2004	ND(0.039)	ND(0.039)	0.043	0.087	0.13
RAA10-W-P17	0-1	4/9/2004	ND(0.038)	ND(0.038)	0.14	0.15	0.29
	1-3	4/9/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	3-6	4/9/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	4/9/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA10-W-Q14	0-1	3/26/2004	ND(0.041)	ND(0.041)	0.21	0.22	0.43
RAA10-W-Q15	0-1	3/26/2004	ND(0.042)	ND(0.042)	0.12	0.19	0.31
RAA10-W-Q16	0-1	3/26/2004	ND(0.038)	ND(0.038)	0.11	0.10	0.21

**TABLE 7-2  
PCB DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1248	Aroclor-1242	Aroclor-1254	Aroclor-1260	Total PCBs
RAA10-W-R13	0-1	3/10/2004	ND(0.035)	ND(0.035)	ND(0.035)	0.17	0.17
	1-6	3/10/2004	ND(0.035) [ND(0.036)]	ND(0.035) [ND(0.036)]	ND(0.035) [ND(0.036)]	ND(0.035) [ND(0.036)]	ND(0.035) [ND(0.036)]
	6-15	3/10/2004	ND(0.037)	0.040	ND(0.037)	ND(0.037)	0.040
RAA10-W-R15	0-1	3/26/2004	ND(0.039)	ND(0.039)	ND(0.039)	0.13	0.13
	1-3	3/26/2004	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	3-6	3/26/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	3/26/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA10-W-S11	0-1	3/10/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-6	3/10/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	6-15	3/10/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Field duplicate sample results are presented in brackets.

Data Qualifiers:

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

TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004

PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)

Sample ID:	RAA10-N-AA28	RAA10-N-AA28	RAA10-N-AA28	RAA10-N-AA28	RAA10-N-G16
Sample Depth(Feet):	3-6	4-6	6-15	10-12	3-6
Parameter	Date Collected:	04/01/04	04/01/04	04/01/04	04/01/04
<b>Volatiles Organics</b>					
Acetone	NA	ND(0.031)	NA	ND(0.024)	NA
Benzene	NA	ND(0.0078)	NA	ND(0.0060)	NA
<b>Semivolatile Organics</b>					
2,4-Dimethylphenol	ND(0.56)	NA	ND(0.40)	NA	ND(0.41) [ND(0.41)]
2-Chloronaphthalene	ND(0.56)	NA	ND(0.40)	NA	ND(0.41) [ND(0.41)]
2-Methylnaphthalene	ND(0.56)	NA	ND(0.40)	NA	0.17 J [ND(0.41)]
2-Methylphenol	ND(0.56)	NA	ND(0.40)	NA	ND(0.41) [ND(0.41)]
3&4-Methylphenol	ND(1.1)	NA	ND(0.80)	NA	ND(0.82) [ND(0.83)]
Acenaphthene	ND(0.56)	NA	ND(0.40)	NA	0.94 [ND(0.41)]
Acenaphthylene	ND(0.56)	NA	ND(0.40)	NA	1.8 [ND(0.41)]
Aniline	ND(0.56)	NA	ND(0.40)	NA	ND(0.41) [ND(0.41)]
Anthracene	ND(0.56)	NA	ND(0.40)	NA	3.4 [ND(0.41)]
Benzo(a)anthracene	ND(0.56)	NA	ND(0.40)	NA	6.9 [0.16 J]
Benzo(a)pyrene	ND(0.56)	NA	ND(0.40)	NA	3.9 [ND(0.41)]
Benzo(b)fluoranthene	ND(0.56)	NA	ND(0.40)	NA	3.0 [ND(0.41)]
Benzo(g,h,i)perylene	ND(0.56)	NA	ND(0.40)	NA	2.2 [ND(0.41)]
Benzo(k)fluoranthene	ND(0.56)	NA	ND(0.40)	NA	3.4 [ND(0.41)]
Benzyl Alcohol	ND(1.1)	NA	ND(0.80)	NA	ND(0.82) [ND(0.83)]
bis(2-Ethylhexyl)phthalate	ND(0.55)	NA	ND(0.39)	NA	ND(0.40) [ND(0.41)]
Chrysene	ND(0.56)	NA	ND(0.40)	NA	6.8 [0.19 J]
Dibenzo(a,h)anthracene	ND(0.56)	NA	ND(0.40)	NA	0.84 [ND(0.41)]
Dibenzofuran	ND(0.56)	NA	ND(0.40)	NA	0.49 [ND(0.41)]
Di-n-Butylphthalate	ND(0.56)	NA	ND(0.40)	NA	ND(0.41) [ND(0.41)]
Diphenylamine	ND(0.56)	NA	ND(0.40)	NA	ND(0.41) [ND(0.41)]
Fluoranthene	ND(0.56)	NA	ND(0.40)	NA	18 [0.60]
Fluorene	ND(0.56)	NA	ND(0.40)	NA	1.5 [ND(0.41)]
Indeno(1,2,3-cd)pyrene	ND(0.56)	NA	ND(0.40)	NA	1.8 [ND(0.41)]
Naphthalene	ND(0.56)	NA	ND(0.40)	NA	0.12 J [ND(0.41)]
Phenanthrene	ND(0.56)	NA	ND(0.40)	NA	12 [0.33 J]
Phenol	ND(0.56)	NA	ND(0.40)	NA	ND(0.41) [ND(0.41)]
Pyrene	ND(0.56)	NA	ND(0.40)	NA	17 [0.55]
<b>Organochlorine Pesticides</b>					
4,4'-DDD	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA
<b>Organophosphate Pesticides</b>					
None Detected	NA	NA	NA	NA	NA
<b>Herbicides</b>					
None Detected	NA	NA	NA	NA	NA
<b>Furans</b>					
2,3,7,8-TCDF	NA	NA	NA	NA	NA
TCDFs (total)	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA	NA
PeCDFs (total)	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA
HxCDFs (total)	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA
HpCDFs (total)	NA	NA	NA	NA	NA
OCDF	NA	NA	NA	NA	NA

TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004

PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)

Sample ID:	RAA10-N-AA28	RAA10-N-AA28	RAA10-N-AA28	RAA10-N-AA28	RAA10-N-G16
Sample Depth(Feet):	3-6	4-6	6-15	10-12	3-6
Date Collected:	04/01/04	04/01/04	04/01/04	04/01/04	03/23/04
Parameter					
<b>Dioxins</b>					
2,3,7,8-TCDD	NA	NA	NA	NA	NA
TCDDs (total)	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	NA	NA	NA	NA	NA
PeCDDs (total)	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	NA
HxCDDs (total)	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	NA
HpCDDs (total)	NA	NA	NA	NA	NA
OCDD	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	NA	NA	NA	NA	NA
<b>Inorganics</b>					
Antimony	ND(6.00)	NA	ND(6.00)	NA	0.890 B [ND(6.00)]
Arsenic	8.80	NA	1.40	NA	4.40 [3.90]
Barium	130	NA	8.90 B	NA	17.0 B [23.0]
Beryllium	0.830	NA	0.120 B	NA	0.140 B [0.160 B]
Cadmium	0.510	NA	0.140 B	NA	0.200 B [0.230 B]
Chromium	16.0	NA	3.70	NA	7.10 [6.40]
Cobalt	11.0	NA	7.00	NA	5.80 [40.0]
Copper	20.0	NA	8.20	NA	22.0 [24.0]
Cyanide	0.0980 B	NA	ND(0.120)	NA	0.270 [0.180 B]
Lead	11.0	NA	2.80	NA	35.0 [39.0]
Mercury	0.0350 B	NA	ND(0.120)	NA	0.0430 B [0.0490 B]
Nickel	19.0	NA	11.0	NA	11.0 [16.0]
Selenium	2.00	NA	1.00	NA	0.790 B [0.900 B]
Silver	ND(1.20)	NA	ND(1.00)	NA	ND(1.00) [ND(1.00)]
Sulfide	24.0	NA	63.0	NA	14.0 [14.0]
Thallium	ND(1.70)	NA	ND(1.20)	NA	1.00 B [ND(1.20)]
Tin	3.50 B	NA	2.40 B	NA	3.40 B [4.10 B]
Vanadium	20.0	NA	3.80 B	NA	7.90 [7.80]
Zinc	80.0	NA	21.0	NA	78.0 [89.0]

**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID:	RAA10-N-G16	RAA10-N-G20	RAA10-N-G20	RAA10-N-G20
Sample Depth(Feet):	4-6	0-1	3-6	4-6
Parameter	Date Collected:	03/23/04	03/23/04	03/23/04
<b>Volatile Organics</b>				
Acetone	ND(0.023) [ND(0.025)]	ND(0.041)	NA	ND(0.024)
Benzene	ND(0.0058) [ND(0.0063)]	0.0055 J	NA	ND(0.0060)
<b>Semivolatile Organics</b>				
2,4-Dimethylphenol	NA	ND(0.68)	ND(0.55)	NA
2-Chloronaphthalene	NA	ND(0.68)	ND(0.55)	NA
2-Methylnaphthalene	NA	ND(0.68)	ND(0.55)	NA
2-Methylphenol	NA	ND(0.68)	ND(0.55)	NA
3&4-Methylphenol	NA	ND(1.4)	ND(1.1)	NA
Acenaphthene	NA	ND(0.68)	ND(0.55)	NA
Acenaphthylene	NA	ND(0.68)	ND(0.55)	NA
Aniline	NA	ND(0.68)	ND(0.55)	NA
Anthracene	NA	ND(0.68)	ND(0.55)	NA
Benzo(a)anthracene	NA	ND(0.68)	ND(0.55)	NA
Benzo(a)pyrene	NA	ND(0.68)	0.14 J	NA
Benzo(b)fluoranthene	NA	ND(0.68)	ND(0.55)	NA
Benzo(g,h,i)perylene	NA	ND(0.68)	ND(0.55)	NA
Benzo(k)fluoranthene	NA	ND(0.68)	ND(0.55)	NA
Benzyl Alcohol	NA	ND(1.4)	ND(1.1)	NA
bis(2-Ethylhexyl)phthalate	NA	0.26 J	0.18 J	NA
Chrysene	NA	ND(0.68)	ND(0.55)	NA
Dibenzo(a,h)anthracene	NA	ND(0.68)	ND(0.55)	NA
Dibenzofuran	NA	ND(0.68)	ND(0.55)	NA
Di-n-Butylphthalate	NA	ND(0.68)	ND(0.55)	NA
Diphenylamine	NA	ND(0.68)	ND(0.55)	NA
Fluoranthene	NA	ND(0.68)	ND(0.55)	NA
Fluorene	NA	ND(0.68)	ND(0.55)	NA
Indeno(1,2,3-cd)pyrene	NA	ND(0.68)	ND(0.55)	NA
Naphthalene	NA	ND(0.68)	ND(0.55)	NA
Phenanthrene	NA	ND(0.68)	ND(0.55)	NA
Phenol	NA	ND(0.68)	ND(0.55)	NA
Pyrene	NA	ND(0.68)	ND(0.55)	NA
<b>Organochlorine Pesticides</b>				
4,4'-DDD	NA	ND(0.020)	NA	NA
4,4'-DDE	NA	ND(0.020)	NA	NA
4,4'-DDT	NA	ND(0.016)	NA	NA
Dieldrin	NA	ND(0.020)	NA	NA
<b>Organophosphate Pesticides</b>				
None Detected	NA	--	NA	NA
<b>Herbicides</b>				
None Detected	NA	--	NA	NA
<b>Furans</b>				
2,3,7,8-TCDF	NA	ND(0.00000041) X	NA	NA
TCDFs (total)	NA	ND(0.00000048)	NA	NA
1,2,3,7,8-PeCDF	NA	ND(0.00000092)	NA	NA
2,3,4,7,8-PeCDF	NA	ND(0.00000092)	NA	NA
PeCDFs (total)	NA	ND(0.00000092)	NA	NA
1,2,3,4,7,8-HxCDF	NA	ND(0.00000092)	NA	NA
1,2,3,6,7,8-HxCDF	NA	ND(0.00000092)	NA	NA
1,2,3,7,8,9-HxCDF	NA	ND(0.00000092)	NA	NA
2,3,4,6,7,8-HxCDF	NA	ND(0.00000092)	NA	NA
HxCDFs (total)	NA	ND(0.00000092)	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	ND(0.00000092)	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000092)	NA	NA
HpCDFs (total)	NA	ND(0.00000092)	NA	NA
OCDF	NA	0.00000054 J	NA	NA



**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID:	RAA10-N-G16	RAA10-N-G20	RAA10-N-G20	RAA10-N-G20
Sample Depth(Feet):	4-6	0-1	3-6	4-6
Parameter	Date Collected:	03/23/04	03/23/04	03/23/04
<b>Dioxins</b>				
2,3,7,8-TCDD	NA	ND(0.00000053)	NA	NA
TCDDs (total)	NA	ND(0.0000011)	NA	NA
1,2,3,7,8-PeCDD	NA	ND(0.00000092)	NA	NA
PeCDDs (total)	NA	ND(0.00000092)	NA	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.00000092)	NA	NA
1,2,3,6,7,8-HxCDD	NA	ND(0.00000092)	NA	NA
1,2,3,7,8,9-HxCDD	NA	ND(0.00000092)	NA	NA
HxCDDs (total)	NA	ND(0.0000017)	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	ND(0.00000092)	NA	NA
HpCDDs (total)	NA	ND(0.00000092)	NA	NA
OCDD	NA	0.000022 J	NA	NA
Total TEQs (WHO TEFs)	NA	0.0000013	NA	NA
<b>Inorganics</b>				
Antimony	NA	ND(6.00)	ND(6.00)	NA
Arsenic	NA	2.40	4.20	NA
Barium	NA	85.0	25.0	NA
Beryllium	NA	0.560	0.160 B	NA
Cadmium	NA	0.220 B	ND(0.500)	NA
Chromium	NA	15.0	6.60	NA
Cobalt	NA	9.00	5.40	NA
Copper	NA	20.0	8.90	NA
Cyanide	NA	0.0640 B	0.0300 B	NA
Lead	NA	8.40	3.50	NA
Mercury	NA	0.0950 B	ND(0.160)	NA
Nickel	NA	24.0	9.90	NA
Selenium	NA	2.20	ND(1.20)	NA
Silver	NA	ND(1.50)	ND(1.20)	NA
Sulfide	NA	16.0	29.0	NA
Thallium	NA	1.70 B	ND(1.60)	NA
Tin	NA	4.10 B	3.50 B	NA
Vanadium	NA	17.0	7.20	NA
Zinc	NA	52.0	28.0	NA

TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Date Collected:	RAA10-N-G20 6-15 03/23/04	RAA10-N-G20 8-10 03/23/04	RAA10-N-G24 0-1 03/22/04	RAA10-N-G24 1-3 03/22/04	RAA10-N-GG26 0-1 03/29/04
<b>Volatile Organics</b>					
Acetone	NA	ND(0.024)	ND(0.042)	ND(0.032)	ND(0.022)
Benzene	NA	ND(0.0059)	ND(0.010)	ND(0.0080)	ND(0.0055)
<b>Semivolatile Organics</b>					
2,4-Dimethylphenol	ND(0.42)	NA	ND(0.70)	ND(0.53)	ND(0.37)
2-Chloronaphthalene	ND(0.42)	NA	ND(0.70)	ND(0.53)	ND(0.37)
2-Methylnaphthalene	ND(0.42)	NA	ND(0.70)	ND(0.53)	ND(0.37)
2-Methylphenol	ND(0.42)	NA	ND(0.70)	ND(0.53)	ND(0.37)
3&4-Methylphenol	ND(0.84)	NA	ND(1.4)	ND(1.1)	ND(0.74)
Acenaphthene	ND(0.42)	NA	ND(0.70)	ND(0.53)	ND(0.37)
Acenaphthylene	ND(0.42)	NA	ND(0.70)	ND(0.53)	0.82
Aniline	ND(0.42)	NA	ND(0.70)	ND(0.53)	ND(0.37)
Anthracene	ND(0.42)	NA	ND(0.70)	ND(0.53)	0.48
Benzo(a)anthracene	ND(0.42)	NA	ND(0.70)	ND(0.53)	1.6
Benzo(a)pyrene	ND(0.42)	NA	ND(0.70)	ND(0.53)	0.89
Benzo(b)fluoranthene	ND(0.42)	NA	ND(0.70)	ND(0.53)	0.86
Benzo(g,h,i)perylene	ND(0.42)	NA	ND(0.70)	ND(0.53)	0.44
Benzo(k)fluoranthene	ND(0.42)	NA	ND(0.70)	ND(0.53)	1.1
Benzyl Alcohol	ND(0.84)	NA	ND(1.4)	ND(1.1)	ND(0.74)
bis(2-Ethylhexyl)phthalate	ND(0.41)	NA	ND(0.69)	ND(0.53)	ND(0.36)
Chrysene	ND(0.42)	NA	ND(0.70)	ND(0.53)	1.4
Dibenzo(a,h)anthracene	ND(0.42)	NA	ND(0.70)	ND(0.53)	0.16 J
Dibenzofuran	ND(0.42)	NA	ND(0.70)	ND(0.53)	ND(0.37)
Di-n-Butylphthalate	ND(0.42)	NA	ND(0.70)	ND(0.53)	ND(0.37)
Diphenylamine	ND(0.42)	NA	ND(0.70)	ND(0.53)	ND(0.37)
Fluoranthene	ND(0.42)	NA	ND(0.70)	ND(0.53)	3.4
Fluorene	ND(0.42)	NA	ND(0.70)	ND(0.53)	ND(0.37)
Indeno(1,2,3-cd)pyrene	ND(0.42)	NA	ND(0.70)	ND(0.53)	0.44
Naphthalene	ND(0.42)	NA	ND(0.70)	ND(0.53)	ND(0.37)
Phenanthrene	ND(0.42)	NA	ND(0.70)	ND(0.53)	0.31 J
Phenol	ND(0.42)	NA	ND(0.70)	ND(0.53)	ND(0.37)
Pyrene	ND(0.42)	NA	ND(0.70)	ND(0.53)	2.7
<b>Organochlorine Pesticides</b>					
4,4'-DDD	ND(0.016)	NA	NA	NA	NA
4,4'-DDE	ND(0.016)	NA	NA	NA	NA
4,4'-DDT	ND(0.016)	NA	NA	NA	NA
Dieldrin	ND(0.016)	NA	NA	NA	NA
<b>Organophosphate Pesticides</b>					
None Detected	--	NA	NA	NA	NA
<b>Herbicides</b>					
None Detected	--	NA	NA	NA	NA
<b>Furans</b>					
2,3,7,8-TCDF	ND(0.00000040) X	NA	NA	NA	NA
TCDFs (total)	ND(0.00000030)	NA	NA	NA	NA
1,2,3,7,8-PeCDF	ND(0.00000058)	NA	NA	NA	NA
2,3,4,7,8-PeCDF	ND(0.00000058)	NA	NA	NA	NA
PeCDFs (total)	ND(0.00000058)	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	ND(0.00000058)	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.00000058)	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.00000058)	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.00000058)	NA	NA	NA	NA
HxCDFs (total)	ND(0.00000058)	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	0.00000046 J	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000058)	NA	NA	NA	NA
HpCDFs (total)	0.00000046	NA	NA	NA	NA
OCDF	0.00000049 J	NA	NA	NA	NA

**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	RAA10-N-G20 6-15 03/23/04	RAA10-N-G20 8-10 03/23/04	RAA10-N-G24 0-1 03/22/04	RAA10-N-G24 1-3 03/22/04	RAA10-N-GG26 0-1 03/29/04
<b>Dioxins</b>						
2,3,7,8-TCDD		ND(0.00000034)	NA	NA	NA	NA
TCDDs (total)		ND(0.00000068)	NA	NA	NA	NA
1,2,3,7,8-PeCDD		ND(0.00000058)	NA	NA	NA	NA
PeCDDs (total)		ND(0.00000091)	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		ND(0.00000068)	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		ND(0.00000060)	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		ND(0.00000065)	NA	NA	NA	NA
HxCDDs (total)		ND(0.0000010)	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		ND(0.00000062)	NA	NA	NA	NA
HpCDDs (total)		ND(0.00000062)	NA	NA	NA	NA
OCDD		0.0000012 J	NA	NA	NA	NA
Total TEQs (WHO TEFs)		0.00000086	NA	NA	NA	NA
<b>Inorganics</b>						
Antimony		ND(6.00)	NA	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		ND(1.00)	NA	2.40	2.20	2.80
Barium		11.0 B	NA	110	83.0	14.0 B
Beryllium		0.110 B	NA	0.800	0.730	0.130 B
Cadmium		ND(0.500)	NA	0.460 B	0.170 B	0.170 B
Chromium		4.20	NA	14.0	15.0	5.40
Cobalt		4.90 B	NA	5.00	9.20	25.0
Copper		4.10	NA	20.0	16.0	13.0
Cyanide		ND(0.120)	NA	0.160 B	0.0500 B	0.0410 B
Lead		2.00	NA	20.0	9.40	12.0
Mercury		ND(0.120)	NA	0.180 B	0.0590 B	0.0140 B
Nickel		9.20	NA	14.0	18.0	10.0
Selenium		0.880 B	NA	2.20	1.70	0.940 B
Silver		ND(1.00)	NA	ND(1.60)	ND(1.20)	ND(1.00)
Sulfide		24.0	NA	ND(10.0)	ND(8.00)	ND(5.50)
Thallium		ND(1.20)	NA	ND(2.10)	ND(1.60)	ND(1.10)
Tin		2.70 B	NA	4.60 B	3.00 B	2.80 B
Vanadium		4.00 B	NA	13.0	18.0	5.60
Zinc		26.0	NA	53.0	79.0	42.0

**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Date Collected:	RAA10-N-GG26 1-3 03/29/04	RAA10-N-GG26 3-6 03/29/04	RAA10-N-GG26 4-6 03/29/04	RAA10-N-GG26 6-15 03/29/04	RAA10-N-GG26 8-10 03/29/04
<b>Volatile Organics</b>					
Acetone	ND(0.021)	NA	ND(0.023)	NA	ND(0.023)
Benzene	ND(0.0052)	NA	ND(0.0057)	NA	ND(0.0057)
<b>Semivolatile Organics</b>					
2,4-Dimethylphenol	ND(0.34)	ND(0.38)	NA	ND(0.73)	NA
2-Chloronaphthalene	ND(0.34)	ND(0.38)	NA	ND(0.73)	NA
2-Methylnaphthalene	ND(0.34)	ND(0.38)	NA	ND(0.73)	NA
2-Methylphenol	ND(0.34)	ND(0.38)	NA	ND(0.73)	NA
3&4-Methylphenol	ND(0.69)	ND(0.77)	NA	ND(1.5)	NA
Acenaphthene	ND(0.34)	ND(0.38)	NA	ND(0.73)	NA
Acenaphthylene	ND(0.34)	ND(0.38)	NA	ND(0.73)	NA
Aniline	ND(0.34)	ND(0.38)	NA	ND(0.73)	NA
Anthracene	ND(0.34)	ND(0.38)	NA	ND(0.73)	NA
Benzo(a)anthracene	ND(0.34)	ND(0.38)	NA	ND(0.73)	NA
Benzo(a)pyrene	ND(0.34)	ND(0.38)	NA	ND(0.73)	NA
Benzo(b)fluoranthene	ND(0.34)	ND(0.38)	NA	ND(0.73)	NA
Benzo(g,h,i)perylene	ND(0.34)	ND(0.38)	NA	ND(0.73)	NA
Benzo(k)fluoranthene	ND(0.34)	ND(0.38)	NA	ND(0.73)	NA
Benzyl Alcohol	ND(0.69)	ND(0.77)	NA	ND(1.5)	NA
bis(2-Ethylhexyl)phthalate	ND(0.34)	ND(0.38)	NA	ND(0.72)	NA
Chrysene	ND(0.34)	ND(0.38)	NA	ND(0.73)	NA
Dibenzo(a,h)anthracene	ND(0.34)	ND(0.38)	NA	ND(0.73)	NA
Dibenzofuran	ND(0.34)	ND(0.38)	NA	ND(0.73)	NA
Di-n-Butylphthalate	ND(0.34)	ND(0.38)	NA	ND(0.73)	NA
Diphenylamine	ND(0.34)	ND(0.38)	NA	ND(0.73)	NA
Fluoranthene	ND(0.34)	ND(0.38)	NA	ND(0.73)	NA
Fluorene	ND(0.34)	ND(0.38)	NA	ND(0.73)	NA
Indeno(1,2,3-cd)pyrene	ND(0.34)	ND(0.38)	NA	ND(0.73)	NA
Naphthalene	ND(0.34)	ND(0.38)	NA	ND(0.73)	NA
Phenanthrene	ND(0.34)	ND(0.38)	NA	ND(0.73)	NA
Phenol	ND(0.34)	ND(0.38)	NA	ND(0.73)	NA
Pyrene	ND(0.34)	ND(0.38)	NA	ND(0.73)	NA
<b>Organochlorine Pesticides</b>					
4,4'-DDD	NA	ND(0.016)	NA	NA	NA
4,4'-DDE	NA	ND(0.016)	NA	NA	NA
4,4'-DDT	NA	ND(0.016)	NA	NA	NA
Dieldrin	NA	ND(0.016)	NA	NA	NA
<b>Organophosphate Pesticides</b>					
None Detected	NA	--	NA	NA	NA
<b>Herbicides</b>					
None Detected	NA	--	NA	NA	NA
<b>Furans</b>					
2,3,7,8-TCDF	NA	ND(0.00000040)	NA	NA	NA
TCDFs (total)	NA	ND(0.00000040)	NA	NA	NA
1,2,3,7,8-PeCDF	NA	ND(0.00000028) X	NA	NA	NA
2,3,4,7,8-PeCDF	NA	0.00000021 J	NA	NA	NA
PeCDFs (total)	NA	0.00000011	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	ND(0.00000057)	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	ND(0.00000057)	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	ND(0.00000057)	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	ND(0.00000057)	NA	NA	NA
HxCDFs (total)	NA	0.00000031	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	0.00000031 J	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000057)	NA	NA	NA
HpCDFs (total)	NA	0.00000031	NA	NA	NA
OCDF	NA	0.00000055 J	NA	NA	NA

**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Date Collected:	RAA10-N-GG26 1-3 03/29/04	RAA10-N-GG26 3-6 03/29/04	RAA10-N-GG26 4-6 03/29/04	RAA10-N-GG26 6-15 03/29/04	RAA10-N-GG26 8-10 03/29/04
<b>Dioxins</b>					
2,3,7,8-TCDD	NA	ND(0.00000036)	NA	NA	NA
TCDDs (total)	NA	ND(0.00000062)	NA	NA	NA
1,2,3,7,8-PeCDD	NA	ND(0.00000057)	NA	NA	NA
PeCDDs (total)	NA	ND(0.0000010)	NA	NA	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.00000057)	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	ND(0.00000057)	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	ND(0.00000057)	NA	NA	NA
HxCDDs (total)	NA	ND(0.00000057)	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	0.00000050 J	NA	NA	NA
HpCDDs (total)	NA	0.00000050	NA	NA	NA
OCDD	NA	0.0000033 J	NA	NA	NA
Total TEQs (WHO TEFs)	NA	0.00000081	NA	NA	NA
<b>Inorganics</b>					
Antimony	ND(6.00)	ND(6.00)	NA	ND(6.00)	NA
Arsenic	2.80	3.60	NA	5.20	NA
Barium	34.0	16.0 B	NA	56.0	NA
Beryllium	0.160 B	0.200 B	NA	0.340 B	NA
Cadmium	0.140 B	0.140 B	NA	0.380 B	NA
Chromium	4.70	4.60	NA	12.0	NA
Cobalt	6.20	4.90 B	NA	10.0	NA
Copper	11.0	11.0	NA	20.0	NA
Cyanide	ND(0.100)	0.0560 B	NA	0.0680 B	NA
Lead	6.50	6.00	NA	8.10	NA
Mercury	ND(0.100)	0.0190 B	NA	ND(0.220)	NA
Nickel	10.0	8.40	NA	18.0	NA
Selenium	ND(1.00)	1.00	NA	1.40 B	NA
Silver	ND(1.00)	ND(1.00)	NA	ND(1.60)	NA
Sulfide	8.30	18.0	NA	230	NA
Thallium	ND(1.00)	ND(1.20)	NA	ND(2.20)	NA
Tin	2.10 B	2.20 B	NA	4.10 B	NA
Vanadium	4.30 B	5.80	NA	12.0	NA
Zinc	32.0	26.0	NA	59.0	NA

**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA10-N-K10 0-1 03/24/04	RAA10-N-K10 1-3 03/24/04	RAA10-N-K10 6-8 03/24/04	RAA10-N-K10 6-15 03/24/04	RAA10-N-K12 3-6 03/24/04
<b>Volatile Organics</b>					
Acetone	ND(0.024)	ND(0.027)	ND(0.035)	NA	NA
Benzene	ND(0.0061)	ND(0.0067)	ND(0.0088)	NA	NA
<b>Semivolatile Organics</b>					
2,4-Dimethylphenol	ND(0.45)	ND(0.58)	NA	ND(0.56)	ND(0.74)
2-Chloronaphthalene	ND(0.45)	ND(0.58)	NA	ND(0.56)	ND(0.74)
2-Methylnaphthalene	ND(0.45)	ND(0.58)	NA	ND(0.56)	ND(0.74)
2-Methylphenol	ND(0.45)	ND(0.58)	NA	ND(0.56)	ND(0.74)
3&4-Methylphenol	ND(0.82)	ND(0.90)	NA	ND(1.1)	ND(1.3)
Acenaphthene	ND(0.45)	ND(0.58)	NA	ND(0.56)	ND(0.74)
Acenaphthylene	0.64	0.30 J	NA	ND(0.56)	ND(0.74)
Aniline	ND(0.45)	ND(0.58)	NA	ND(0.56)	ND(0.74)
Anthracene	0.32 J	0.32 J	NA	ND(0.56)	ND(0.74)
Benzo(a)anthracene	1.0	0.79	NA	ND(0.56)	ND(0.74)
Benzo(a)pyrene	0.63	0.51 J	NA	ND(0.56)	ND(0.74)
Benzo(b)fluoranthene	0.42 J	0.46 J	NA	ND(0.56)	ND(0.74)
Benzo(g,h,i)perylene	0.32 J	0.28 J	NA	ND(0.56)	ND(0.74)
Benzo(k)fluoranthene	0.53	0.55 J	NA	ND(0.56)	ND(0.74)
Benzyl Alcohol	ND(0.90)	ND(1.2)	NA	ND(1.1)	ND(1.5)
bis(2-Ethylhexyl)phthalate	ND(0.40)	ND(0.44)	NA	ND(0.55)	ND(0.64)
Chrysene	1.1	1.0	NA	ND(0.56)	ND(0.74)
Dibenzo(a,h)anthracene	ND(0.45)	ND(0.58)	NA	ND(0.56)	ND(0.74)
Dibenzofuran	ND(0.45)	ND(0.58)	NA	ND(0.56)	ND(0.74)
Di-n-Butylphthalate	ND(0.45)	ND(0.58)	NA	ND(0.56)	ND(0.74)
Diphenylamine	ND(0.45)	ND(0.58)	NA	ND(0.56)	ND(0.74)
Fluoranthene	1.8	2.0	NA	ND(0.56)	ND(0.74)
Fluorene	ND(0.45)	0.19 J	NA	ND(0.56)	ND(0.74)
Indeno(1,2,3-cd)pyrene	0.26 J	0.23 J	NA	ND(0.56)	ND(0.74)
Naphthalene	ND(0.45)	ND(0.58)	NA	ND(0.56)	ND(0.74)
Phenanthrene	0.69	1.6	NA	ND(0.56)	ND(0.74)
Phenol	ND(0.45)	ND(0.58)	NA	ND(0.56)	ND(0.74)
Pyrene	2.2	2.1	NA	ND(0.56)	ND(0.74)
<b>Organochlorine Pesticides</b>					
4,4'-DDD	ND(0.016)	NA	NA	NA	ND(0.019) [ND(0.019)]
4,4'-DDE	ND(0.016)	NA	NA	NA	ND(0.019) [ND(0.019)]
4,4'-DDT	ND(0.016)	NA	NA	NA	ND(0.019) [ND(0.019)]
Dieldrin	ND(0.016)	NA	NA	NA	ND(0.019) [ND(0.019)]
<b>Organophosphate Pesticides</b>					
None Detected	--	NA	NA	NA	--
<b>Herbicides</b>					
None Detected	--	NA	NA	NA	--
<b>Furans</b>					
2,3,7,8-TCDF	0.000045 Y	NA	NA	NA	ND(0.0000066) X
TCDFs (total)	0.000069 QI	NA	NA	NA	ND(0.0000068)
1,2,3,7,8-PeCDF	0.000046 J	NA	NA	NA	ND(0.0000096)
2,3,4,7,8-PeCDF	0.000017	NA	NA	NA	ND(0.0000039) X
PeCDFs (total)	0.000096 Q	NA	NA	NA	0.0000034
1,2,3,4,7,8-HxCDF	0.000086	NA	NA	NA	ND(0.0000096)
1,2,3,6,7,8-HxCDF	0.000054 J	NA	NA	NA	ND(0.0000096)
1,2,3,7,8,9-HxCDF	0.000024 J	NA	NA	NA	ND(0.0000096)
2,3,4,6,7,8-HxCDF	0.000096	NA	NA	NA	ND(0.0000096)
HxCDFs (total)	0.00014	NA	NA	NA	ND(0.0000096)
1,2,3,4,6,7,8-HpCDF	0.000017	NA	NA	NA	0.000011 J
1,2,3,4,7,8,9-HpCDF	0.000040 J	NA	NA	NA	ND(0.0000096)
HpCDFs (total)	0.000042	NA	NA	NA	0.000016
OCDF	0.000031	NA	NA	NA	ND(0.000021) X

TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004

PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)

Sample ID: Sample Depth(Feet): Date Collected:	RAA10-N-K10 0-1 03/24/04	RAA10-N-K10 1-3 03/24/04	RAA10-N-K10 6-8 03/24/04	RAA10-N-K10 6-15 03/24/04	RAA10-N-K12 3-6 03/24/04
<b>Dioxins</b>					
2,3,7,8-TCDD	ND(0.00000055)	NA	NA	NA	ND(0.00000076)
TCDDs (total)	ND(0.00000055)	NA	NA	NA	ND(0.00000076)
1,2,3,7,8-PeCDD	ND(0.0000016) X	NA	NA	NA	ND(0.00000096)
PeCDDs (total)	0.0000072 Q	NA	NA	NA	ND(0.0000015)
1,2,3,4,7,8-HxCDD	0.0000022 J	NA	NA	NA	ND(0.00000096)
1,2,3,6,7,8-HxCDD	0.0000030 J	NA	NA	NA	ND(0.00000096)
1,2,3,7,8,9-HxCDD	0.0000030 J	NA	NA	NA	ND(0.00000096)
HxCDDs (total)	0.000028	NA	NA	NA	ND(0.0000016)
1,2,3,4,6,7,8-HpCDD	0.000024	NA	NA	NA	ND(0.00000086) X
HpCDDs (total)	0.000045	NA	NA	NA	ND(0.00000096)
OCDD	0.00016	NA	NA	NA	0.000044 J
Total TEQs (WHO TEFs)	0.000014	NA	NA	NA	0.000014
<b>Inorganics</b>					
Antimony	0.910 B	3.60 B	NA	ND(6.00)	ND(6.00)
Arsenic	4.80	7.30	NA	2.60	3.60
Barium	35.0	48.0	NA	36.0	70.0
Beryllium	0.200 B	0.280 B	NA	0.170 B	0.460 B
Cadmium	0.310 B	0.460 B	NA	0.160 B	ND(0.500)
Chromium	8.00	12.0	NA	6.80	13.0
Cobalt	5.60	8.50	NA	5.20	8.90
Copper	20.0	28.0	NA	11.0	18.0
Cyanide	0.110 B	0.0790 B	NA	0.0360 B	ND(0.190)
Lead	69.0	130	NA	4.30	7.90
Mercury	0.360	0.690	NA	0.0150 B	0.0290 B
Nickel	11.0	18.0	NA	9.10	17.0
Selenium	ND(1.00)	1.20	NA	ND(1.30)	1.10 B
Silver	ND(1.00)	ND(1.00)	NA	ND(1.30)	ND(1.40)
Sulfide	5.90 B	15.0	NA	260	49.0
Thallium	ND(1.20)	ND(1.30)	NA	ND(1.70)	ND(1.90)
Tin	8.00 B	4.20 B	NA	3.10 B	4.10 B
Vanadium	9.70	14.0	NA	7.60	14.0
Zinc	82.0	77.0	NA	36.0	54.0

TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004

PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	RAA10-N-K12 4-6 03/24/04	RAA10-N-K16 0-1 03/24/04	RAA10-N-K16 1-3 03/24/04	RAA10-N-K16 6-15 03/24/04	RAA10-N-K16 12-14 03/24/04
<b>Volatile Organics</b>						
Acetone		0.034	0.070	0.048 J	NA	ND(0.031)
Benzene		ND(0.0083)	ND(0.017)	ND(0.015)	NA	0.031
<b>Semivolatile Organics</b>						
2,4-Dimethylphenol		NA	ND(13)	ND(0.99)	ND(0.68)	NA
2-Chloronaphthalene		NA	ND(13)	ND(0.99)	ND(0.68)	NA
2-Methylnaphthalene		NA	ND(13)	ND(0.99)	ND(0.68)	NA
2-Methylphenol		NA	ND(13)	ND(0.99)	ND(0.68)	NA
3&4-Methylphenol		NA	ND(13)	ND(2.0)	ND(1.4)	NA
Acenaphthene		NA	ND(13)	ND(0.99)	ND(0.68)	NA
Acenaphthylene		NA	ND(13)	ND(0.99)	ND(0.68)	NA
Aniline		NA	ND(13)	ND(0.99)	ND(0.68)	NA
Anthracene		NA	ND(13)	ND(0.99)	ND(0.68)	NA
Benzo(a)anthracene		NA	ND(13)	ND(0.99)	ND(0.68)	NA
Benzo(a)pyrene		NA	ND(13)	ND(0.99)	ND(0.68)	NA
Benzo(b)fluoranthene		NA	ND(13)	ND(0.99)	ND(0.68)	NA
Benzo(g,h,i)perylene		NA	ND(13)	ND(0.99)	ND(0.68)	NA
Benzo(k)fluoranthene		NA	ND(13)	ND(0.99)	ND(0.68)	NA
Benzyl Alcohol		NA	ND(26)	ND(2.0)	ND(1.4)	NA
bis(2-Ethylhexyl)phthalate		NA	ND(6.4)	ND(0.98)	ND(0.67)	NA
Chrysene		NA	ND(13)	ND(0.99)	ND(0.68)	NA
Dibenzo(a,h)anthracene		NA	ND(13)	ND(0.99)	ND(0.68)	NA
Dibenzofuran		NA	ND(13)	ND(0.99)	ND(0.68)	NA
Di-n-Butylphthalate		NA	ND(13)	ND(0.99)	ND(0.68)	NA
Diphenylamine		NA	ND(13)	ND(0.99)	ND(0.68)	NA
Fluoranthene		NA	ND(13)	ND(0.99)	ND(0.68)	NA
Fluorene		NA	ND(13)	ND(0.99)	ND(0.68)	NA
Indeno(1,2,3-cd)pyrene		NA	ND(13)	ND(0.99)	ND(0.68)	NA
Naphthalene		NA	ND(13)	ND(0.99)	ND(0.68)	NA
Phenanthrene		NA	ND(13)	ND(0.99)	ND(0.68)	NA
Phenol		NA	ND(13)	ND(0.99)	ND(0.68)	NA
Pyrene		NA	ND(13)	ND(0.99)	ND(0.68)	NA
<b>Organochlorine Pesticides</b>						
4,4'-DDD		NA	NA	ND(0.030)	NA	NA
4,4'-DDE		NA	NA	ND(0.030)	NA	NA
4,4'-DDT		NA	NA	ND(0.030)	NA	NA
Dieldrin		NA	NA	ND(0.030)	NA	NA
<b>Organophosphate Pesticides</b>						
None Detected		NA	NA	--	NA	NA
<b>Herbicides</b>						
None Detected		NA	NA	--	NA	NA
<b>Furans</b>						
2,3,7,8-TCDF		NA	NA	0.0000027 J	NA	NA
TCDFs (total)		NA	NA	0.000020	NA	NA
1,2,3,7,8-PeCDF		NA	NA	0.00000088 J	NA	NA
2,3,4,7,8-PeCDF		NA	NA	0.0000012 J	NA	NA
PeCDFs (total)		NA	NA	0.0000045	NA	NA
1,2,3,4,7,8-HxCDF		NA	NA	ND(0.00000043) X	NA	NA
1,2,3,6,7,8-HxCDF		NA	NA	ND(0.00000055) X	NA	NA
1,2,3,7,8,9-HxCDF		NA	NA	ND(0.0000013)	NA	NA
2,3,4,6,7,8-HxCDF		NA	NA	0.00000049 J	NA	NA
HxCDFs (total)		NA	NA	0.0000049	NA	NA
1,2,3,4,6,7,8-HpCDF		NA	NA	ND(0.0000018) X	NA	NA
1,2,3,4,7,8,9-HpCDF		NA	NA	ND(0.0000013)	NA	NA
HpCDFs (total)		NA	NA	ND(0.0000013)	NA	NA
OCDF		NA	NA	0.0000024 J	NA	NA



**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	RAA10-N-K12 4-6 03/24/04	RAA10-N-K16 0-1 03/24/04	RAA10-N-K16 1-3 03/24/04	RAA10-N-K16 6-15 03/24/04	RAA10-N-K16 12-14 03/24/04
<b>Dioxins</b>						
2,3,7,8-TCDD		NA	NA	ND(0.0000095)	NA	NA
TCDDs (total)		NA	NA	ND(0.0000016)	NA	NA
1,2,3,7,8-PeCDD		NA	NA	ND(0.0000013)	NA	NA
PeCDDs (total)		NA	NA	ND(0.0000022)	NA	NA
1,2,3,4,7,8-HxCDD		NA	NA	ND(0.0000013)	NA	NA
1,2,3,6,7,8-HxCDD		NA	NA	ND(0.0000013)	NA	NA
1,2,3,7,8,9-HxCDD		NA	NA	ND(0.0000013)	NA	NA
HxCDDs (total)		NA	NA	ND(0.0000022)	NA	NA
1,2,3,4,6,7,8-HpCDD		NA	NA	0.0000031 J	NA	NA
HpCDDs (total)		NA	NA	0.0000055	NA	NA
OCDD		NA	NA	0.000019 J	NA	NA
Total TEQs (WHO TEFs)		NA	NA	0.0000024	NA	NA
<b>Inorganics</b>						
Antimony		NA	ND(6.00)	ND(6.00)	ND(6.00)	NA
Arsenic		NA	6.20	4.40	3.10	NA
Barium		NA	100	110	54.0	NA
Beryllium		NA	0.580	0.650	0.280 B	NA
Cadmium		NA	0.820	0.430 B	0.170 B	NA
Chromium		NA	13.0	15.0	11.0	NA
Cobalt		NA	6.50	5.40	9.40	NA
Copper		NA	39.0	29.0	14.0	NA
Cyanide		NA	0.210 B	0.330	ND(0.200)	NA
Lead		NA	97.0	14.0	5.80	NA
Mercury		NA	0.290 B	0.120 B	ND(0.200)	NA
Nickel		NA	18.0	17.0	17.0	NA
Selenium		NA	ND(2.60)	ND(2.20)	ND(1.50)	NA
Silver		NA	ND(2.60)	ND(2.20)	ND(1.50)	NA
Sulfide		NA	190	43.0	85.0	NA
Thallium		NA	ND(3.40)	ND(3.00)	ND(2.00)	NA
Tin		NA	8.00 B	6.70 B	4.30 B	NA
Vanadium		NA	24.0	19.0	12.0	NA
Zinc		NA	73.0	45.0	57.0	NA

**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA10-N-K20 3-6 03/22/04	RAA10-N-K20 4-6 03/22/04	RAA10-N-K24 0-1 04/02/04	RAA10-N-K24 1-3 04/02/04	RAA10-N-M10 0-1 03/24/04
<b>Volatile Organics</b>					
Acetone	NA	0.030 J	0.028 J [0.018 J]	ND(0.027)	ND(0.031)
Benzene	NA	0.014	ND(0.0084) [ND(0.0089)]	ND(0.0067)	ND(0.0078)
<b>Semivolatile Organics</b>					
2,4-Dimethylphenol	ND(0.89)	NA	ND(0.73) [ND(0.59)]	ND(0.45)	ND(0.52)
2-Chloronaphthalene	ND(0.89)	NA	ND(0.73) [ND(0.59)]	ND(0.45)	ND(0.52)
2-Methylnaphthalene	ND(0.89)	NA	ND(0.73) [ND(0.59)]	ND(0.45)	ND(0.52)
2-Methylphenol	ND(0.89)	NA	ND(0.73) [ND(0.59)]	ND(0.45)	ND(0.52)
3&4-Methylphenol	ND(1.8)	NA	ND(1.1) [ND(1.2)]	ND(0.90)	ND(1.0)
Acenaphthene	ND(0.89)	NA	ND(0.73) [ND(0.59)]	ND(0.45)	ND(0.52)
Acenaphthylene	ND(0.89)	NA	ND(0.73) [ND(0.59)]	ND(0.45)	ND(0.52)
Aniline	ND(0.89)	NA	ND(0.73) [ND(0.59)]	ND(0.45)	ND(0.52)
Anthracene	ND(0.89)	NA	ND(0.73) [ND(0.59)]	ND(0.45)	0.15 J
Benzo(a)anthracene	ND(0.89)	NA	ND(0.73) [ND(0.59)]	ND(0.45)	0.50 J
Benzo(a)pyrene	ND(0.89)	NA	ND(0.73) [ND(0.59)]	ND(0.45)	0.34 J
Benzo(b)fluoranthene	ND(0.89)	NA	ND(0.73) [ND(0.59)]	ND(0.45)	0.35 J
Benzo(g,h,i)perylene	ND(0.89)	NA	ND(0.73) [ND(0.59)]	ND(0.45)	0.22 J
Benzo(k)fluoranthene	ND(0.89)	NA	ND(0.73) [ND(0.59)]	ND(0.45)	0.38 J
Benzyl Alcohol	ND(1.8)	NA	ND(1.4) [ND(1.2)]	ND(0.90)	ND(1.0)
bis(2-Ethylhexyl)phthalate	ND(0.88)	NA	ND(0.55) [ND(0.59)]	ND(0.44)	ND(0.51)
Chrysene	ND(0.89)	NA	ND(0.73) [ND(0.59)]	ND(0.45)	0.63
Dibenzo(a,h)anthracene	ND(0.89)	NA	ND(0.73) [ND(0.59)]	ND(0.45)	ND(0.52)
Dibenzofuran	ND(0.89)	NA	ND(0.73) [ND(0.59)]	ND(0.45)	ND(0.52)
Di-n-Butylphthalate	ND(0.89)	NA	ND(0.73) [ND(0.59)]	ND(0.45)	ND(0.52)
Diphenylamine	ND(0.89)	NA	ND(0.73) [ND(0.59)]	ND(0.45)	ND(0.52)
Fluoranthene	0.20 J	NA	ND(0.73) [ND(0.59)]	ND(0.45)	1.3
Fluorene	ND(0.89)	NA	ND(0.73) [ND(0.59)]	ND(0.45)	ND(0.52)
Indeno(1,2,3-cd)pyrene	ND(0.89)	NA	ND(0.73) [ND(0.59)]	ND(0.45)	0.18 J
Naphthalene	ND(0.89)	NA	ND(0.73) [ND(0.59)]	ND(0.45)	ND(0.52)
Phenanthrene	ND(0.89)	NA	ND(0.73) [ND(0.59)]	ND(0.45)	0.68
Phenol	ND(0.89)	NA	ND(0.73) [ND(0.59)]	ND(0.45)	ND(0.52)
Pyrene	0.25 J	NA	ND(0.73) [ND(0.59)]	ND(0.45)	1.1
<b>Organochlorine Pesticides</b>					
4,4'-DDD	ND(0.027)	NA	NA	NA	NA
4,4'-DDE	ND(0.027)	NA	NA	NA	NA
4,4'-DDT	ND(0.016)	NA	NA	NA	NA
Dieldrin	ND(0.027)	NA	NA	NA	NA
<b>Organophosphate Pesticides</b>					
None Detected	--	NA	NA	NA	NA
<b>Herbicides</b>					
None Detected	--	NA	NA	NA	NA
<b>Furans</b>					
2,3,7,8-TCDF	0.000019 Y	NA	NA	NA	NA
TCDFs (total)	0.00021	NA	NA	NA	NA
1,2,3,7,8-PeCDF	0.0000060 J	NA	NA	NA	NA
2,3,4,7,8-PeCDF	0.0000084 J	NA	NA	NA	NA
PeCDFs (total)	0.000091	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	0.0000053 J	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	0.0000038 J	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	0.0000094 J	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	0.0000052 J	NA	NA	NA	NA
HxCDFs (total)	0.000060	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	0.000016 J	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000019) X	NA	NA	NA	NA
HpCDFs (total)	0.000029	NA	NA	NA	NA
OCDF	0.000021 J	NA	NA	NA	NA

**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA10-N-K20 3-6 03/22/04	RAA10-N-K20 4-6 03/22/04	RAA10-N-K24 0-1 04/02/04	RAA10-N-K24 1-3 04/02/04	RAA10-N-M10 0-1 03/24/04
<b>Dioxins</b>					
2,3,7,8-TCDD	ND(0.00000067)	NA	NA	NA	NA
TCDDs (total)	0.0000029	NA	NA	NA	NA
1,2,3,7,8-PeCDD	ND(0.0000011) X	NA	NA	NA	NA
PeCDDs (total)	0.000011	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.00000091) X	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	0.0000021 J	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	0.0000022 J	NA	NA	NA	NA
HxCDDs (total)	0.000021	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	0.0000026	NA	NA	NA	NA
HpCDDs (total)	0.000060	NA	NA	NA	NA
OCDD	0.00018	NA	NA	NA	NA
Total TEQs (WHO TEFs)	0.0000097	NA	NA	NA	NA
<b>Inorganics</b>					
Antimony	ND(6.00)	NA	ND(6.00) [ND(6.00)]	ND(6.00)	1.20 B
Arsenic	1.50 B	NA	3.20 [2.60]	2.10	4.50
Barium	100	NA	70.0 [62.0]	53.0	43.0
Beryllium	0.590	NA	0.450 B [0.440 B]	0.530	0.210 B
Cadmium	0.640	NA	0.210 B [0.330 B]	0.120 B	0.920
Chromium	14.0	NA	13.0 [12.0]	12.0	16.0
Cobalt	4.90 B	NA	7.10 [8.00]	9.80	7.00
Copper	23.0	NA	14.0 [16.0]	13.0	29.0
Cyanide	0.170 B	NA	0.0890 B [0.160 B]	0.0280 B	0.280 B
Lead	26.0	NA	14.0 [14.0]	6.10	72.0
Mercury	0.190 B	NA	0.110 B [0.100 B]	0.0140 B	0.410
Nickel	16.0	NA	15.0 [15.0]	15.0	14.0
Selenium	1.80 B	NA	1.50 [2.00]	1.10	0.940 B
Silver	ND(2.00)	NA	0.190 B [ND(1.30)]	ND(1.00)	ND(1.20)
Sulfide	38.0	NA	900 [480]	ND(6.70)	440
Thallium	ND(2.70)	NA	ND(1.70) [ND(1.80)]	ND(1.30)	ND(1.60)
Tin	5.80 B	NA	4.80 B [4.90 B]	3.50 B	4.20 B
Vanadium	21.0	NA	14.0 [13.0]	14.0	15.0
Zinc	68.0	NA	58.0 [57.0]	61.0	130

TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004

PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)

Sample ID: Sample Depth(Feet): Date Collected:	RAA10-N-M10 3-4 03/24/04	RAA10-N-M10 3-6 03/24/04	RAA10-N-M12 1-3 03/26/04	RAA10-N-M12 6-8 03/26/04	RAA10-N-M12 6-15 03/26/04
<b>Volatile Organics</b>					
Acetone	ND(0.027)	NA	0.056 J	ND(0.026)	NA
Benzene	ND(0.0069)	NA	ND(0.022)	ND(0.0064)	NA
<b>Semivolatile Organics</b>					
2,4-Dimethylphenol	NA	ND(1.1)	ND(1.5)	NA	ND(0.66)
2-Chloronaphthalene	NA	ND(1.1)	ND(1.5)	NA	ND(0.66)
2-Methylnaphthalene	NA	ND(1.1)	ND(1.5)	NA	ND(0.66)
2-Methylphenol	NA	ND(1.1)	ND(1.5)	NA	ND(0.66)
3&4-Methylphenol	NA	ND(1.5)	ND(3.0)	NA	ND(0.88)
Acenaphthene	NA	ND(1.1)	ND(1.5)	NA	ND(0.66)
Acenaphthylene	NA	ND(1.1)	ND(1.5)	NA	ND(0.66)
Aniline	NA	ND(1.1)	ND(1.5)	NA	ND(0.66)
Anthracene	NA	0.27 J	ND(1.5)	NA	ND(0.66)
Benzo(a)anthracene	NA	0.65 J	ND(1.5)	NA	ND(0.66)
Benzo(a)pyrene	NA	0.42 J	ND(1.5)	NA	ND(0.66)
Benzo(b)fluoranthene	NA	0.41 J	ND(1.5)	NA	ND(0.66)
Benzo(g,h,i)perylene	NA	0.28 J	ND(1.5)	NA	ND(0.66)
Benzo(k)fluoranthene	NA	0.44 J	ND(1.5)	NA	ND(0.66)
Benzyl Alcohol	NA	ND(2.1)	ND(3.0)	NA	ND(1.3)
bis(2-Ethylhexyl)phthalate	NA	ND(0.75)	ND(1.5)	NA	ND(0.43)
Chrysene	NA	0.78 J	ND(1.5)	NA	ND(0.66)
Dibenzo(a,h)anthracene	NA	ND(1.1)	ND(1.5)	NA	ND(0.66)
Dibenzofuran	NA	ND(1.1)	ND(1.5)	NA	ND(0.66)
Di-n-Butylphthalate	NA	ND(1.1)	ND(1.5)	NA	ND(0.66)
Diphenylamine	NA	ND(1.1)	ND(1.5)	NA	ND(0.66)
Fluoranthene	NA	1.7	ND(1.5)	NA	ND(0.66)
Fluorene	NA	ND(1.1)	ND(1.5)	NA	ND(0.66)
Indeno(1,2,3-cd)pyrene	NA	0.22 J	ND(1.5)	NA	ND(0.66)
Naphthalene	NA	ND(1.1)	ND(1.5)	NA	ND(0.66)
Phenanthrene	NA	1.2	ND(1.5)	NA	ND(0.66)
Phenol	NA	ND(1.1)	ND(1.5)	NA	ND(0.66)
Pyrene	NA	1.8	ND(1.5)	NA	ND(0.66)
<b>Organochlorine Pesticides</b>					
4,4'-DDD	NA	NA	NA	NA	ND(0.016)
4,4'-DDE	NA	NA	NA	NA	ND(0.016)
4,4'-DDT	NA	NA	NA	NA	ND(0.016)
Dieldrin	NA	NA	NA	NA	ND(0.016)
<b>Organophosphate Pesticides</b>					
None Detected	NA	NA	NA	NA	--
<b>Herbicides</b>					
None Detected	NA	NA	NA	NA	--
<b>Furans</b>					
2,3,7,8-TCDF	NA	NA	NA	NA	ND(0.0000039) X
TCDFs (total)	NA	NA	NA	NA	ND(0.0000031)
1,2,3,7,8-PeCDF	NA	NA	NA	NA	0.0000027 J
2,3,4,7,8-PeCDF	NA	NA	NA	NA	ND(0.0000048) X
PeCDFs (total)	NA	NA	NA	NA	0.0000027
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	0.0000066 J
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	0.0000036 J
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	0.0000037 J
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	ND(0.0000036) X
HxCDFs (total)	NA	NA	NA	NA	0.000016
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	0.0000064 J
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	ND(0.0000029) X
HpCDFs (total)	NA	NA	NA	NA	0.0000064
OCDF	NA	NA	NA	NA	0.0000091 J

**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Date Collected:	RAA10-N-M10 3-4 03/24/04	RAA10-N-M10 3-6 03/24/04	RAA10-N-M12 1-3 03/26/04	RAA10-N-M12 6-8 03/26/04	RAA10-N-M12 6-15 03/26/04
<b>Dioxins</b>					
2,3,7,8-TCDD	NA	NA	NA	NA	ND(0.00000034)
TCDDs (total)	NA	NA	NA	NA	ND(0.00000065)
1,2,3,7,8-PeCDD	NA	NA	NA	NA	ND(0.00000062)
PeCDDs (total)	NA	NA	NA	NA	ND(0.00000062)
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	ND(0.00000062)
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	ND(0.00000062)
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	ND(0.00000062)
HxCDDs (total)	NA	NA	NA	NA	ND(0.00000096)
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	0.00000051 J
HpCDDs (total)	NA	NA	NA	NA	0.00000051
OCDD	NA	NA	NA	NA	0.0000020 J
Total TEQs (WHO TEFs)	NA	NA	NA	NA	0.00000090
<b>Inorganics</b>					
Antimony	NA	ND(6.00)	ND(6.80)	NA	ND(6.00)
Arsenic	NA	6.40	4.90	NA	1.20
Barium	NA	57.0	100	NA	19.0 B
Beryllium	NA	0.170 B	0.310 B	NA	0.100 B
Cadmium	NA	0.350 B	0.940	NA	0.0940 B
Chromium	NA	7.70	12.0	NA	5.20
Cobalt	NA	4.70 B	5.80	NA	4.40 B
Copper	NA	17.0	25.0	NA	5.30
Cyanide	NA	0.190 B	0.410 B	NA	ND(0.130)
Lead	NA	71.0	35.0	NA	2.00
Mercury	NA	4.40	0.830	NA	ND(0.130)
Nickel	NA	9.60	14.0	NA	7.70
Selenium	NA	ND(1.70)	4.40	NA	0.970 B
Silver	NA	ND(1.70)	0.620 B	NA	ND(1.00)
Sulfide	NA	69.0	180	NA	27.0
Thallium	NA	ND(2.30)	ND(4.50)	NA	ND(1.30)
Tin	NA	4.70 B	10.0 B	NA	3.10 B
Vanadium	NA	11.0	16.0	NA	5.60
Zinc	NA	88.0	77.0	NA	26.0

**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA10-N-M14 0-1 03/25/04	RAA10-N-M26 0-1 04/02/04	RAA10-N-O24 0-1 03/22/04	RAA10-N-O24 3-6 03/22/04	RAA10-N-O24 4-6 03/22/04
<b>Volatile Organics</b>					
Acetone	0.084 J	ND(0.030)	ND(0.031)	NA	ND(0.027)
Benzene	ND(0.023)	ND(0.0076)	ND(0.0077)	NA	ND(0.0068)
<b>Semivolatile Organics</b>					
2,4-Dimethylphenol	ND(1.5)	ND(0.51)	ND(0.51)	ND(0.48)	NA
2-Chloronaphthalene	ND(1.5)	ND(0.51)	ND(0.51)	ND(0.48)	NA
2-Methylnaphthalene	ND(1.5)	ND(0.51)	ND(0.51)	ND(0.48)	NA
2-Methylphenol	ND(1.5)	ND(0.51)	ND(0.51)	ND(0.48)	NA
3&4-Methylphenol	ND(3.1)	ND(1.0)	ND(1.0)	ND(0.96)	NA
Acenaphthene	ND(1.5)	ND(0.51)	ND(0.51)	ND(0.48)	NA
Acenaphthylene	ND(1.5)	ND(0.51)	ND(0.51)	ND(0.48)	NA
Aniline	ND(1.5)	ND(0.51)	ND(0.51)	ND(0.48)	NA
Anthracene	ND(1.5)	ND(0.51)	ND(0.51)	ND(0.48)	NA
Benzo(a)anthracene	ND(1.5)	ND(0.51)	ND(0.51)	ND(0.48)	NA
Benzo(a)pyrene	ND(1.5)	ND(0.51)	ND(0.51)	ND(0.48)	NA
Benzo(b)fluoranthene	ND(1.5)	ND(0.51)	ND(0.51)	ND(0.48)	NA
Benzo(g,h,i)perylene	ND(1.5)	ND(0.51)	ND(0.51)	ND(0.48)	NA
Benzo(k)fluoranthene	ND(1.5)	ND(0.51)	ND(0.51)	ND(0.48)	NA
Benzyl Alcohol	ND(3.1)	ND(1.0)	ND(1.0)	ND(0.96)	NA
bis(2-Ethylhexyl)phthalate	ND(1.5)	ND(0.50)	ND(0.51)	ND(0.47)	NA
Chrysene	ND(1.5)	ND(0.51)	ND(0.51)	ND(0.48)	NA
Dibenzo(a,h)anthracene	ND(1.5)	ND(0.51)	ND(0.51)	ND(0.48)	NA
Dibenzofuran	ND(1.5)	ND(0.51)	ND(0.51)	ND(0.48)	NA
Di-n-Butylphthalate	ND(1.5)	ND(0.51)	ND(0.51)	ND(0.48)	NA
Diphenylamine	ND(1.5)	ND(0.51)	ND(0.51)	ND(0.48)	NA
Fluoranthene	0.39 J	ND(0.51)	ND(0.51)	ND(0.48)	NA
Fluorene	ND(1.5)	ND(0.51)	ND(0.51)	ND(0.48)	NA
Indeno(1,2,3-cd)pyrene	ND(1.5)	ND(0.51)	ND(0.51)	ND(0.48)	NA
Naphthalene	ND(1.5)	ND(0.51)	ND(0.51)	ND(0.48)	NA
Phenanthrene	ND(1.5)	ND(0.51)	ND(0.51)	ND(0.48)	NA
Phenol	ND(1.5)	ND(0.51)	ND(0.51)	ND(0.48)	NA
Pyrene	0.43 J	ND(0.51)	ND(0.51)	ND(0.48)	NA
<b>Organochlorine Pesticides</b>					
4,4'-DDD	NA	ND(0.016)	ND(0.016)	NA	NA
4,4'-DDE	NA	ND(0.016)	ND(0.016)	NA	NA
4,4'-DDT	NA	ND(0.016)	ND(0.016)	NA	NA
Dieldrin	NA	ND(0.016)	ND(0.016)	NA	NA
<b>Organophosphate Pesticides</b>					
None Detected	NA	--	--	NA	NA
<b>Herbicides</b>					
None Detected	NA	--	--	NA	NA
<b>Furans</b>					
2,3,7,8-TCDF	NA	0.0000026 J	0.0000094 Y	NA	NA
TCDFs (total)	NA	0.000014	0.000089	NA	NA
1,2,3,7,8-PeCDF	NA	0.00000076 J	0.0000024 J	NA	NA
2,3,4,7,8-PeCDF	NA	0.00000089 J	0.0000034 J	NA	NA
PeCDFs (total)	NA	0.00000083	0.0000037	NA	NA
1,2,3,4,7,8-HxCDF	NA	0.00000052 J	ND(0.0000018) X	NA	NA
1,2,3,6,7,8-HxCDF	NA	ND(0.00000059) X	0.0000015 J	NA	NA
1,2,3,7,8,9-HxCDF	NA	ND(0.00000073)	ND(0.0000010)	NA	NA
2,3,4,6,7,8-HxCDF	NA	ND(0.00000067) X	0.0000018 J	NA	NA
HxCDFs (total)	NA	0.00000041	0.0000020	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	ND(0.0000014) X	0.0000059 J	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000073)	0.0000055 J	NA	NA
HpCDFs (total)	NA	ND(0.00000073)	0.000011	NA	NA
OCDF	NA	0.0000016 J	0.0000056 J	NA	NA

**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Date Collected:	RAA10-N-M14 0-1 03/25/04	RAA10-N-M26 0-1 04/02/04	RAA10-N-O24 0-1 03/22/04	RAA10-N-O24 3-6 03/22/04	RAA10-N-O24 4-6 03/22/04
<b>Dioxins</b>					
2,3,7,8-TCDD	NA	ND(0.00000041)	ND(0.00000052)	NA	NA
TCDDs (total)	NA	ND(0.00000076)	0.0000013	NA	NA
1,2,3,7,8-PeCDD	NA	ND(0.00000026) X	ND(0.00000052) X	NA	NA
PeCDDs (total)	NA	0.00000046	0.0000016	NA	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.00000073)	ND(0.00000091)	NA	NA
1,2,3,6,7,8-HxCDD	NA	ND(0.00000073)	ND(0.00000090)	NA	NA
1,2,3,7,8,9-HxCDD	NA	ND(0.00000073)	ND(0.00000090)	NA	NA
HxCDDs (total)	NA	0.0000020	0.0000016	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	0.0000018 J	0.0000066 J	NA	NA
HpCDDs (total)	NA	0.0000018	0.000013	NA	NA
OCDD	NA	0.000012 J	0.000038	NA	NA
Total TEQs (WHO TEFs)	NA	0.0000014	0.0000040	NA	NA
<b>Inorganics</b>					
Antimony	ND(7.00)	ND(6.00)	ND(6.00)	ND(6.00)	NA
Arsenic	9.60	6.80	2.60	ND(1.10)	NA
Barium	100	98.0	160	64.0	NA
Beryllium	0.400 B	0.940	1.00	0.270 B	NA
Cadmium	1.10	0.370 B	0.350 B	0.120 B	NA
Chromium	14.0	20.0	20.0	9.30	NA
Cobalt	8.30	15.0	11.0	7.10	NA
Copper	35.0	20.0	18.0	12.0	NA
Cyanide	0.540	0.0850 B	0.0750 B	ND(0.140)	NA
Lead	72.0	11.0	12.0	4.70	NA
Mercury	39.0	0.0350 B	0.100 B	0.0420 B	NA
Nickel	21.0	25.0	23.0	14.0	NA
Selenium	6.00	1.30	1.60	ND(1.10)	NA
Silver	ND(3.50)	ND(1.10)	ND(1.20)	ND(1.10)	NA
Sulfide	1000	12.0	15.0	16.0	NA
Thallium	ND(4.60)	ND(1.50)	1.50 B	ND(1.40)	NA
Tin	11.0 B	4.00 B	3.50 B	3.00 B	NA
Vanadium	24.0	25.0	24.0	10.0	NA
Zinc	110	96.0	85.0	49.0	NA

TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004

PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)

Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA10-N-O24 6-15 03/22/04	RAA10-N-O24 10-12 03/22/04	RAA10-N-O28 0-1 04/01/04	RAA10-N-O28 3-6 04/01/04	RAA10-N-O28 4-6 04/01/04
<b>Volatile Organics</b>					
Acetone	NA	ND(0.031)	ND(0.025)	NA	ND(0.028)
Benzene	NA	ND(0.0078)	ND(0.0062)	NA	ND(0.0071)
<b>Semivolatile Organics</b>					
2,4-Dimethylphenol	ND(0.47)	NA	ND(0.41)	ND(0.46)	NA
2-Chloronaphthalene	ND(0.47)	NA	ND(0.41)	ND(0.46)	NA
2-Methylnaphthalene	ND(0.47)	NA	ND(0.41)	ND(0.46)	NA
2-Methylphenol	ND(0.47)	NA	ND(0.41)	ND(0.46)	NA
3&4-Methylphenol	ND(0.94)	NA	ND(0.83)	ND(0.93)	NA
Acenaphthene	ND(0.47)	NA	ND(0.41)	ND(0.46)	NA
Acenaphthylene	ND(0.47)	NA	ND(0.41)	ND(0.46)	NA
Aniline	ND(0.47)	NA	ND(0.41)	ND(0.46)	NA
Anthracene	ND(0.47)	NA	ND(0.41)	ND(0.46)	NA
Benzo(a)anthracene	ND(0.47)	NA	ND(0.41)	ND(0.46)	NA
Benzo(a)pyrene	ND(0.47)	NA	ND(0.41)	ND(0.46)	NA
Benzo(b)fluoranthene	ND(0.47)	NA	ND(0.41)	ND(0.46)	NA
Benzo(g,h,i)perylene	ND(0.47)	NA	ND(0.41)	ND(0.46)	NA
Benzo(k)fluoranthene	ND(0.47)	NA	ND(0.41)	ND(0.46)	NA
Benzyl Alcohol	ND(0.94)	NA	ND(0.83)	ND(0.93)	NA
bis(2-Ethylhexyl)phthalate	ND(0.46)	NA	ND(0.41)	ND(0.46)	NA
Chrysene	ND(0.47)	NA	ND(0.41)	ND(0.46)	NA
Dibenzo(a,h)anthracene	ND(0.47)	NA	ND(0.41)	ND(0.46)	NA
Dibenzofuran	ND(0.47)	NA	ND(0.41)	ND(0.46)	NA
Di-n-Butylphthalate	ND(0.47)	NA	ND(0.41)	ND(0.46)	NA
Diphenylamine	ND(0.47)	NA	ND(0.41)	ND(0.46)	NA
Fluoranthene	ND(0.47)	NA	ND(0.41)	ND(0.46)	NA
Fluorene	ND(0.47)	NA	ND(0.41)	ND(0.46)	NA
Indeno(1,2,3-cd)pyrene	ND(0.47)	NA	ND(0.41)	ND(0.46)	NA
Naphthalene	ND(0.47)	NA	ND(0.41)	ND(0.46)	NA
Phenanthrene	ND(0.47)	NA	ND(0.41)	ND(0.46)	NA
Phenol	ND(0.47)	NA	ND(0.41)	ND(0.46)	NA
Pyrene	ND(0.47)	NA	ND(0.41)	ND(0.46)	NA
<b>Organochlorine Pesticides</b>					
4,4'-DDD	ND(0.016) [ND(0.016)]	NA	NA	ND(0.016)	NA
4,4'-DDE	ND(0.016) [ND(0.016)]	NA	NA	ND(0.016)	NA
4,4'-DDT	ND(0.016) [ND(0.016)]	NA	NA	ND(0.016)	NA
Dieldrin	ND(0.016) [ND(0.016)]	NA	NA	ND(0.016)	NA
<b>Organophosphate Pesticides</b>					
None Detected	--	NA	NA	--	NA
<b>Herbicides</b>					
None Detected	--	NA	NA	--	NA
<b>Furans</b>					
2,3,7,8-TCDF	ND(0.0000038) X	NA	NA	ND(0.0000040) X	NA
TCDFs (total)	ND(0.0000034)	NA	NA	0.0000064	NA
1,2,3,7,8-PeCDF	ND(0.0000060)	NA	NA	ND(0.0000025) X	NA
2,3,4,7,8-PeCDF	ND(0.0000060)	NA	NA	ND(0.0000030) X	NA
PeCDFs (total)	ND(0.0000060)	NA	NA	ND(0.0000068)	NA
1,2,3,4,7,8-HxCDF	0.0000031 J	NA	NA	ND(0.0000020) X	NA
1,2,3,6,7,8-HxCDF	0.0000019 J	NA	NA	0.0000036 J	NA
1,2,3,7,8,9-HxCDF	ND(0.0000060)	NA	NA	ND(0.0000068)	NA
2,3,4,6,7,8-HxCDF	ND(0.0000060)	NA	NA	ND(0.0000068)	NA
HxCDFs (total)	0.0000050	NA	NA	0.0000036	NA
1,2,3,4,6,7,8-HpCDF	0.0000036 J	NA	NA	ND(0.0000048) X	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000060)	NA	NA	ND(0.0000068)	NA
HpCDFs (total)	0.0000036	NA	NA	ND(0.0000068)	NA
OCDF	ND(0.0000081) X	NA	NA	ND(0.0000014)	NA



**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA10-N-O24 6-15 03/22/04	RAA10-N-O24 10-12 03/22/04	RAA10-N-O28 0-1 04/01/04	RAA10-N-O28 3-6 04/01/04	RAA10-N-O28 4-6 04/01/04
<b>Dioxins</b>					
2,3,7,8-TCDD	ND(0.00000037)	NA	NA	ND(0.00000028)	NA
TCDDs (total)	ND(0.00000068)	NA	NA	ND(0.00000081)	NA
1,2,3,7,8-PeCDD	ND(0.00000060)	NA	NA	ND(0.00000068)	NA
PeCDDs (total)	0.0000010	NA	NA	ND(0.0000010)	NA
1,2,3,4,7,8-HxCDD	ND(0.00000060)	NA	NA	ND(0.00000068)	NA
1,2,3,6,7,8-HxCDD	ND(0.00000060)	NA	NA	ND(0.00000068)	NA
1,2,3,7,8,9-HxCDD	ND(0.00000060)	NA	NA	ND(0.00000068)	NA
HxCDDs (total)	ND(0.00000091)	NA	NA	ND(0.00000068)	NA
1,2,3,4,6,7,8-HpCDD	ND(0.00000066)	NA	NA	0.00000091 J	NA
HpCDDs (total)	ND(0.00000066)	NA	NA	0.00000091	NA
OCDD	0.0000021 J	NA	NA	0.0000052 J	NA
Total TEQs (WHO TEFs)	0.00000088	NA	NA	0.00000081	NA
<b>Inorganics</b>					
Antimony	ND(6.00)	NA	ND(6.00)	ND(6.00)	NA
Arsenic	3.60	NA	7.70	5.00	NA
Barium	40.0	NA	25.0	40.0	NA
Beryllium	0.190 B	NA	0.240 B	0.370 B	NA
Cadmium	0.140 B	NA	0.220 B	0.260 B	NA
Chromium	6.50	NA	9.40	8.60	NA
Cobalt	6.60	NA	13.0	9.30	NA
Copper	13.0	NA	34.0	27.0	NA
Cyanide	ND(0.280)	NA	0.0670 B	0.0530 B	NA
Lead	4.20	NA	12.0	13.0	NA
Mercury	ND(0.140)	NA	0.0250 B	0.0300 B	NA
Nickel	12.0	NA	19.0	16.0	NA
Selenium	0.800 B	NA	1.40	1.10	NA
Silver	ND(1.00)	NA	ND(1.00)	ND(1.00)	NA
Sulfide	360	NA	7.90	26.0	NA
Thallium	ND(1.40)	NA	ND(1.20)	ND(1.40)	NA
Tin	3.10 B	NA	3.00 B	2.80 B	NA
Vanadium	7.70	NA	9.60	9.00	NA
Zinc	34.0	NA	54.0	48.0	NA

TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004

PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	RAA10-N-Q18.5 0-1 03/25/04	RAA10-N-S24 0-1 03/17/04	RAA10-N-S24 1-3 03/17/04	RAA10-N-S28 1-3 04/01/04	RAA10-N-S28 6-15 04/01/04
<b>Volatile Organics</b>						
Acetone		ND(0.046)	ND(0.052)	0.027 J	ND(0.024)	NA
Benzene		ND(0.011)	ND(0.013)	ND(0.010)	ND(0.0059)	NA
<b>Semivolatile Organics</b>						
2,4-Dimethylphenol		ND(3.8)	ND(0.87)	ND(0.66)	ND(0.39)	ND(0.66)
2-Chloronaphthalene		460	ND(0.87)	ND(0.66)	ND(0.39)	ND(0.66)
2-Methylnaphthalene		ND(3.8)	ND(0.87)	ND(0.66)	ND(0.39)	ND(0.66)
2-Methylphenol		200	ND(0.87)	ND(0.66)	ND(0.39)	ND(0.66)
3&4-Methylphenol		62	ND(1.8)	ND(1.3)	ND(0.79)	ND(1.3)
Acenaphthene		ND(3.8)	ND(0.87)	ND(0.66)	ND(0.39)	ND(0.66)
Acenaphthylene		ND(3.8)	ND(0.87)	ND(0.66)	ND(0.39)	ND(0.66)
Aniline		2800	ND(0.87)	ND(0.66)	ND(0.39)	ND(0.66)
Anthracene		1.2 J	ND(0.87)	ND(0.66)	ND(0.39)	ND(0.66)
Benzo(a)anthracene		ND(3.8)	ND(0.87)	ND(0.66)	ND(0.39)	ND(0.66)
Benzo(a)pyrene		ND(3.8)	ND(0.87)	ND(0.66)	ND(0.39)	ND(0.66)
Benzo(b)fluoranthene		ND(3.8)	ND(0.87)	ND(0.66)	ND(0.39)	ND(0.66)
Benzo(g,h,i)perylene		ND(3.8)	ND(0.87)	ND(0.66)	ND(0.39)	ND(0.66)
Benzo(k)fluoranthene		ND(3.8)	ND(0.87)	ND(0.66)	ND(0.39)	ND(0.66)
Benzyl Alcohol		ND(7.6)	ND(1.8)	ND(1.3)	ND(0.79)	ND(1.3)
bis(2-Ethylhexyl)phthalate		8.5	ND(0.86)	ND(0.66)	ND(0.39)	ND(0.66)
Chrysene		ND(3.8)	ND(0.87)	ND(0.66)	ND(0.39)	ND(0.66)
Dibenzo(a,h)anthracene		ND(3.8)	ND(0.87)	ND(0.66)	ND(0.39)	ND(0.66)
Dibenzofuran		ND(3.8)	ND(0.87)	ND(0.66)	ND(0.39)	ND(0.66)
Di-n-Butylphthalate		470	ND(0.87)	ND(0.66)	ND(0.39)	ND(0.66)
Diphenylamine		54	ND(0.87)	ND(0.66)	ND(0.39)	ND(0.66)
Fluoranthene		ND(3.8)	ND(0.87)	ND(0.66)	ND(0.39)	ND(0.66)
Fluorene		ND(3.8)	ND(0.87)	ND(0.66)	ND(0.39)	ND(0.66)
Indeno(1,2,3-cd)pyrene		ND(3.8)	ND(0.87)	ND(0.66)	ND(0.39)	ND(0.66)
Naphthalene		18	ND(0.87)	ND(0.66)	ND(0.39)	ND(0.66)
Phenanthrene		ND(3.8)	ND(0.87)	ND(0.66)	ND(0.39)	ND(0.66)
Phenol		1800	ND(0.87)	ND(0.66)	ND(0.39)	ND(0.66)
Pyrene		ND(3.8)	ND(0.87)	ND(0.66)	ND(0.39)	ND(0.66)
<b>Organochlorine Pesticides</b>						
4,4'-DDD		ND(2.3)	NA	ND(0.020)	NA	NA
4,4'-DDE		ND(2.3)	NA	ND(0.020)	NA	NA
4,4'-DDT		ND(2.3)	NA	ND(0.020)	NA	NA
Dieldrin		ND(2.3)	NA	ND(0.020)	NA	NA
<b>Organophosphate Pesticides</b>						
None Detected		--	NA	--	NA	NA
<b>Herbicides</b>						
None Detected		--	NA	--	NA	NA
<b>Furans</b>						
2,3,7,8-TCDF		0.000057 Y	NA	ND(0.00000032)	NA	NA
TCDFs (total)		0.0017	NA	ND(0.00000032)	NA	NA
1,2,3,7,8-PeCDF		0.00051	NA	ND(0.00000037)	NA	NA
2,3,4,7,8-PeCDF		0.00010	NA	ND(0.00000033)	NA	NA
PeCDFs (total)		0.0021 QI	NA	ND(0.00000037)	NA	NA
1,2,3,4,7,8-HxCDF		0.00058	NA	ND(0.00000020)	NA	NA
1,2,3,6,7,8-HxCDF		0.00012	NA	ND(0.00000020)	NA	NA
1,2,3,7,8,9-HxCDF		0.00010	NA	ND(0.00000026)	NA	NA
2,3,4,6,7,8-HxCDF		0.00018	NA	ND(0.00000026)	NA	NA
HxCDFs (total)		0.0029	NA	ND(0.00000026)	NA	NA
1,2,3,4,6,7,8-HpCDF		0.00063	NA	ND(0.00000039)	NA	NA
1,2,3,4,7,8,9-HpCDF		0.00026	NA	ND(0.00000051)	NA	NA
HpCDFs (total)		0.0020	NA	0.000011	NA	NA
OCDF		0.0011	NA	0.000020	NA	NA

**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	RAA10-N-Q18.5 0-1 03/25/04	RAA10-N-S24 0-1 03/17/04	RAA10-N-S24 1-3 03/17/04	RAA10-N-S28 1-3 04/01/04	RAA10-N-S28 6-15 04/01/04
<b>Dioxins</b>						
2,3,7,8-TCDD		0.0000016 J	NA	ND(0.00000028)	NA	NA
TCDDs (total)		0.000023	NA	ND(0.00000028)	NA	NA
1,2,3,7,8-PeCDD		ND(0.000018) X	NA	ND(0.00000033)	NA	NA
PeCDDs (total)		0.000019 Q	NA	ND(0.00000033)	NA	NA
1,2,3,4,7,8-HxCDD		0.000019	NA	ND(0.00000043)	NA	NA
1,2,3,6,7,8-HxCDD		0.000037	NA	ND(0.00000043)	NA	NA
1,2,3,7,8,9-HxCDD		0.000019	NA	ND(0.00000045)	NA	NA
HxCDDs (total)		0.00027	NA	ND(0.00000045)	NA	NA
1,2,3,4,6,7,8-HpCDD		0.00060	NA	0.000014	NA	NA
HpCDDs (total)		0.0010	NA	0.000014	NA	NA
OCDD		0.0058	NA	0.000042 B	NA	NA
Total TEQs (WHO TEFs)		0.00021	NA	0.00000067	NA	NA
<b>Inorganics</b>						
Antimony		2.30 B	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		36.0	4.40	2.40	6.70	4.50
Barium		540	120	110	36.0	56.0
Beryllium		1.10	1.10	0.950	0.260 B	0.300 B
Cadmium		0.690	0.970	0.640	0.320 B	0.350 B
Chromium		34.0	22.0	17.0	7.60	9.60
Cobalt		7.00	8.60	6.70	10.0	8.80
Copper		100	29.0	21.0	33.0	17.0
Cyanide		0.920	0.240 B	0.120 B	0.0320 B	0.0800 B
Lead		63.0	21.0	11.0	13.0	5.30
Mercury		0.180 B	0.270	0.0640 B	ND(0.120)	ND(0.200)
Nickel		60.0	23.0	18.0	18.0	16.0
Selenium		3.70	2.50	1.90	1.30	1.80
Silver		0.320 B	0.430 B	0.230 B	ND(1.00)	ND(1.50)
Sulfide		70.0	34.0	19.0	170	80.0
Thallium		ND(2.30)	ND(2.60)	ND(2.00)	ND(1.20)	ND(2.00)
Tin		7.80 B	5.20 B	3.20 B	2.40 B	3.90 B
Vanadium		55.0	26.0	19.0	7.20	12.0
Zinc		240	83.0	63.0	48.0	55.0

**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Date Collected:	RAA10-N-S28 12-14 04/01/04	RAA10-N-T19.5 1-3 03/25/04	RAA10-N-W24 0-1 03/16/04	RAA10-N-W24 3-6 03/16/04	RAA10-N-W24 4-6 03/16/04
<b>Volatile Organics</b>					
Acetone	ND(0.031)	ND(0.043)	ND(0.057)	NA	0.14
Benzene	ND(0.0079)	ND(0.011)	ND(0.014)	NA	ND(0.026)
<b>Semivolatile Organics</b>					
2,4-Dimethylphenol	NA	ND(0.72)	ND(0.95)	ND(0.94)	NA
2-Chloronaphthalene	NA	ND(0.72)	ND(0.95)	ND(0.94)	NA
2-Methylnaphthalene	NA	ND(0.72)	ND(0.95)	ND(0.94)	NA
2-Methylphenol	NA	ND(0.72)	ND(0.95)	ND(0.94)	NA
3&4-Methylphenol	NA	ND(1.4)	ND(1.9)	ND(1.9)	NA
Acenaphthene	NA	ND(0.72)	ND(0.95)	ND(0.94)	NA
Acenaphthylene	NA	ND(0.72)	ND(0.95)	ND(0.94)	NA
Aniline	NA	ND(0.72)	0.23 J	ND(0.94)	NA
Anthracene	NA	ND(0.72)	ND(0.95)	ND(0.94)	NA
Benzo(a)anthracene	NA	ND(0.72)	0.23 J	ND(0.94)	NA
Benzo(a)pyrene	NA	ND(0.72)	ND(0.95)	ND(0.94)	NA
Benzo(b)fluoranthene	NA	ND(0.72)	ND(0.95)	ND(0.94)	NA
Benzo(g,h,i)perylene	NA	ND(0.72)	ND(0.95)	ND(0.94)	NA
Benzo(k)fluoranthene	NA	ND(0.72)	ND(0.95)	ND(0.94)	NA
Benzyl Alcohol	NA	ND(1.4)	ND(1.9)	ND(1.9)	NA
bis(2-Ethylhexyl)phthalate	NA	ND(0.72)	ND(0.94)	ND(0.93)	NA
Chrysene	NA	ND(0.72)	0.36 J	ND(0.94)	NA
Dibenzo(a,h)anthracene	NA	ND(0.72)	ND(0.95)	ND(0.94)	NA
Dibenzofuran	NA	ND(0.72)	ND(0.95)	ND(0.94)	NA
Di-n-Butylphthalate	NA	ND(0.72)	ND(0.95)	0.28 J	NA
Diphenylamine	NA	ND(0.72)	ND(0.95)	ND(0.94)	NA
Fluoranthene	NA	ND(0.72)	0.57 J	ND(0.94)	NA
Fluorene	NA	ND(0.72)	ND(0.95)	ND(0.94)	NA
Indeno(1,2,3-cd)pyrene	NA	ND(0.72)	ND(0.95)	ND(0.94)	NA
Naphthalene	NA	ND(0.72)	ND(0.95)	ND(0.94)	NA
Phenanthrene	NA	ND(0.72)	0.34 J	ND(0.94)	NA
Phenol	NA	ND(0.72)	ND(0.95)	2.2	NA
Pyrene	NA	ND(0.72)	0.65 J	ND(0.94)	NA
<b>Organochlorine Pesticides</b>					
4,4'-DDD	NA	ND(0.022)	0.15	NA	NA
4,4'-DDE	NA	ND(0.022)	0.12	NA	NA
4,4'-DDT	NA	ND(0.022)	0.13	NA	NA
Dieldrin	NA	ND(0.022)	0.036	NA	NA
<b>Organophosphate Pesticides</b>					
None Detected	NA	--	--	NA	NA
<b>Herbicides</b>					
None Detected	NA	--	--	NA	NA
<b>Furans</b>					
2,3,7,8-TCDF	NA	0.000025 Y	0.000035 Y	NA	NA
TCDFs (total)	NA	0.00016	0.00038	NA	NA
1,2,3,7,8-PeCDF	NA	0.0000078 J	0.0000026	NA	NA
2,3,4,7,8-PeCDF	NA	0.000017	0.000022	NA	NA
PeCDFs (total)	NA	0.00012	0.00045	NA	NA
1,2,3,4,7,8-HxCDF	NA	0.000045	0.000010	NA	NA
1,2,3,6,7,8-HxCDF	NA	0.000014	0.000012	NA	NA
1,2,3,7,8,9-HxCDF	NA	0.000010 J	ND(0.0000010)	NA	NA
2,3,4,6,7,8-HxCDF	NA	0.000019	0.000016	NA	NA
HxCDFs (total)	NA	0.00032	0.00057	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	0.00015	0.000077	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	0.000020	0.0000053	NA	NA
HpCDFs (total)	NA	0.00056	0.00019	NA	NA
OCDF	NA	0.00035	0.000057	NA	NA

**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Date Collected:	RAA10-N-S28 12-14 04/01/04	RAA10-N-T19.5 1-3 03/25/04	RAA10-N-W24 0-1 03/16/04	RAA10-N-W24 3-6 03/16/04	RAA10-N-W24 4-6 03/16/04
<b>Dioxins</b>					
2,3,7,8-TCDD	NA	0.00000079 J	ND(0.00000028)	NA	NA
TCDDs (total)	NA	0.0000076	ND(0.00000028)	NA	NA
1,2,3,7,8-PeCDD	NA	ND(0.0000019) X	ND(0.0000018)	NA	NA
PeCDDs (total)	NA	0.000018	ND(0.0000018)	NA	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.0000018) X	ND(0.00000051)	NA	NA
1,2,3,6,7,8-HxCDD	NA	0.000022	0.0000031	NA	NA
1,2,3,7,8,9-HxCDD	NA	0.0000061 J	ND(0.00000051)	NA	NA
HxCDDs (total)	NA	0.000096	0.000029	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	0.000052	0.00010	NA	NA
HpCDDs (total)	NA	0.00088	0.00022	NA	NA
OCDD	NA	0.0058	0.00074	NA	NA
Total TEQs (WHO TEFs)	NA	0.000032	0.000022	NA	NA
<b>Inorganics</b>					
Antimony	NA	2.70 B	ND(6.00)	ND(6.00)	NA
Arsenic	NA	1.60 B	3.90	2.00 B	NA
Barium	NA	33.0	98.0	94.0	NA
Beryllium	NA	ND(0.500)	0.780	0.480 B	NA
Cadmium	NA	ND(0.500)	1.10	0.730	NA
Chromium	NA	140	18.0	9.30	NA
Cobalt	NA	5.50	5.80	5.40	NA
Copper	NA	14.0	35.0	19.0	NA
Cyanide	NA	2.40	0.250 B	0.0980 B	NA
Lead	NA	10.0	48.0	7.00	NA
Mercury	NA	ND(0.220)	0.980	0.0990 B	NA
Nickel	NA	130	18.0	13.0	NA
Selenium	NA	1.10 B	ND(2.10)	ND(2.10)	NA
Silver	NA	ND(1.60)	1.10 B	0.410 B	NA
Sulfide	NA	14.0	41.0	36.0	NA
Thallium	NA	ND(2.20)	ND(2.90)	ND(2.80)	NA
Tin	NA	6.40 B	8.60 B	6.80 B	NA
Vanadium	NA	16.0	29.0	11.0	NA
Zinc	NA	140	80.0	47.0	NA

TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004

PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)

Sample ID: Sample Depth(Feet): Date Collected:	RAA10-N-W24 6-15 03/16/04	RAA10-N-W24 8-10 03/16/04	RAA10-W-G7 0-1 03/08/04	RAA10-W-H9 0-1 03/08/04
<b>Volatile Organics</b>				
Acetone	NA	0.10 J	ND(0.022)	ND(0.022) [ND(0.022)]
Benzene	NA	ND(0.032)	ND(0.0055)	ND(0.0054) [ND(0.0056)]
<b>Semivolatile Organics</b>				
2,4-Dimethylphenol	ND(0.70)	NA	ND(0.37)	ND(0.36) [ND(0.36)]
2-Chloronaphthalene	ND(0.70)	NA	ND(0.37)	ND(0.36) [ND(0.36)]
2-Methylnaphthalene	ND(0.70)	NA	ND(0.37)	ND(0.36) [ND(0.36)]
2-Methylphenol	ND(0.70)	NA	ND(0.37)	ND(0.36) [ND(0.36)]
3&4-Methylphenol	ND(1.4)	NA	ND(0.74)	ND(0.73) [ND(0.73)]
Acenaphthene	ND(0.70)	NA	ND(0.37)	ND(0.36) [ND(0.36)]
Acenaphthylene	ND(0.70)	NA	ND(0.37)	ND(0.36) [ND(0.36)]
Aniline	ND(0.70)	NA	ND(0.37)	ND(0.36) [ND(0.36)]
Anthracene	ND(0.70)	NA	ND(0.37)	ND(0.36) [ND(0.36)]
Benzo(a)anthracene	ND(0.70)	NA	ND(0.37)	ND(0.36) [ND(0.36)]
Benzo(a)pyrene	ND(0.70)	NA	ND(0.37)	ND(0.36) [ND(0.36)]
Benzo(b)fluoranthene	ND(0.70)	NA	ND(0.37)	ND(0.36) [ND(0.36)]
Benzo(g,h,i)perylene	ND(0.70)	NA	ND(0.37)	ND(0.36) [ND(0.36)]
Benzo(k)fluoranthene	ND(0.70)	NA	ND(0.37)	ND(0.36) [ND(0.36)]
Benzyl Alcohol	ND(1.4)	NA	ND(0.74)	ND(0.73) [ND(0.73)]
bis(2-Ethylhexyl)phthalate	ND(0.69)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
Chrysene	ND(0.70)	NA	ND(0.37)	ND(0.36) [ND(0.36)]
Dibenzo(a,h)anthracene	ND(0.70)	NA	ND(0.37)	ND(0.36) [ND(0.36)]
Dibenzofuran	ND(0.70)	NA	ND(0.37)	ND(0.36) [ND(0.36)]
Di-n-Butylphthalate	ND(0.70)	NA	ND(0.37)	ND(0.36) [ND(0.36)]
Diphenylamine	ND(0.70)	NA	ND(0.37)	ND(0.36) [ND(0.36)]
Fluoranthene	ND(0.70)	NA	ND(0.37)	ND(0.36) [ND(0.36)]
Fluorene	ND(0.70)	NA	ND(0.37)	ND(0.36) [ND(0.36)]
Indeno(1,2,3-cd)pyrene	ND(0.70)	NA	ND(0.37)	ND(0.36) [ND(0.36)]
Naphthalene	ND(0.70)	NA	ND(0.37)	ND(0.36) [ND(0.36)]
Phenanthrene	ND(0.70)	NA	ND(0.37)	ND(0.36) [ND(0.36)]
Phenol	ND(0.70)	NA	ND(0.37)	ND(0.36) [ND(0.36)]
Pyrene	ND(0.70)	NA	ND(0.37)	ND(0.36) [ND(0.36)]
<b>Organochlorine Pesticides</b>				
4,4'-DDD	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA
<b>Organophosphate Pesticides</b>				
None Detected	NA	NA	NA	NA
<b>Herbicides</b>				
None Detected	NA	NA	NA	NA
<b>Furans</b>				
2,3,7,8-TCDF	NA	NA	0.00000091 Y	ND(0.00000022) [ND(0.00000020)]
TCDFs (total)	NA	NA	0.00011 I	ND(0.00000022) [ND(0.00000020)]
1,2,3,7,8-PeCDF	NA	NA	ND(0.00000037)	ND(0.00000027) [ND(0.00000017)]
2,3,4,7,8-PeCDF	NA	NA	ND(0.00000038)	ND(0.00000030) [ND(0.00000019)]
PeCDFs (total)	NA	NA	0.00012 I	ND(0.00000030) [ND(0.00000019)]
1,2,3,4,7,8-HxCDF	NA	NA	ND(0.00000025)	ND(0.00000022) [ND(0.000000095)]
1,2,3,6,7,8-HxCDF	NA	NA	ND(0.00000024)	ND(0.00000020) [ND(0.000000091)]
1,2,3,7,8,9-HxCDF	NA	NA	ND(0.00000022)	ND(0.00000031) [ND(0.00000011)]
2,3,4,6,7,8-HxCDF	NA	NA	ND(0.00000022)	ND(0.00000021) [ND(0.000000091)]
HxCDFs (total)	NA	NA	0.00037 I	ND(0.00000031) [ND(0.00000011)]
1,2,3,4,6,7,8-HpCDF	NA	NA	0.0000066	ND(0.00000025) [ND(0.000000091)]
1,2,3,4,7,8,9-HpCDF	NA	NA	ND(0.00000024)	ND(0.00000047) [ND(0.00000015)]
HpCDFs (total)	NA	NA	0.000011	ND(0.00000047) [ND(0.00000015)]
OCDF	NA	NA	ND(0.00000056)	ND(0.0000015) [ND(0.00000026)]

TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004

PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)

Sample ID: Sample Depth(Feet): Date Collected:	RAA10-N-W24 6-15 03/16/04	RAA10-N-W24 8-10 03/16/04	RAA10-W-G7 0-1 03/08/04	RAA10-W-H9 0-1 03/08/04
<b>Dioxins</b>				
2,3,7,8-TCDD	NA	NA	ND(0.00000015)	ND(0.00000022) [ND(0.00000013)]
TCDDs (total)	NA	NA	ND(0.00000015)	ND(0.00000022) [ND(0.00000013)]
1,2,3,7,8-PeCDD	NA	NA	ND(0.00000050)	ND(0.00000055) [ND(0.00000024)]
PeCDDs (total)	NA	NA	ND(0.00000050)	ND(0.00000055) [ND(0.00000024)]
1,2,3,4,7,8-HxCDD	NA	NA	ND(0.00000023)	ND(0.00000034) [ND(0.00000011)]
1,2,3,6,7,8-HxCDD	NA	NA	ND(0.00000022)	ND(0.00000033) [ND(0.000000099)]
1,2,3,7,8,9-HxCDD	NA	NA	ND(0.00000020)	ND(0.00000034) [ND(0.00000011)]
HxCDDs (total)	NA	NA	ND(0.00000023)	ND(0.00000034) [ND(0.00000011)]
1,2,3,4,6,7,8-HpCDD	NA	NA	ND(0.00000032)	ND(0.00000045) [ND(0.00000012)]
HpCDDs (total)	NA	NA	0.00000021	ND(0.00000045) [ND(0.00000012)]
OCDD	NA	NA	ND(0.00000049)	ND(0.00000071) [ND(0.00000017) X]
Total TEQs (WHO TEFs)	NA	NA	0.00000067	0.00000058 [0.00000028]
<b>Inorganics</b>				
Antimony	ND(6.00)	NA	ND(6.00)	ND(6.00) [ND(6.00)]
Arsenic	3.00	NA	1.80	2.00 [2.20]
Barium	48.0	NA	23.0	17.0 B [18.0 B]
Beryllium	0.280 B	NA	0.160 B	0.140 B [0.160 B]
Cadmium	0.640	NA	0.230 B	0.240 B [0.280 B]
Chromium	9.00	NA	4.60	9.20 [7.40]
Cobalt	7.00	NA	4.40 B	3.30 B [4.30 B]
Copper	14.0	NA	8.70	7.80 [8.40]
Cyanide	ND(0.210)	NA	ND(0.110)	ND(0.110) [ND(0.110)]
Lead	4.80	NA	3.90	2.60 [3.90]
Mercury	ND(0.210)	NA	ND(0.110)	ND(0.110) [ND(0.110)]
Nickel	13.0	NA	9.20	7.20 [8.10]
Selenium	ND(1.60)	NA	0.820 B	1.00 [0.650 B]
Silver	ND(1.60)	NA	ND(1.00)	0.120 B [0.280 B]
Sulfide	260	NA	8.80	14.0 [5.20 B]
Thallium	ND(2.10)	NA	ND(1.10)	ND(1.10) [ND(1.10)]
Tin	4.50 B	NA	2.20 B	2.10 B [2.60 B]
Vanadium	8.70	NA	4.40 B	4.00 B [4.70 B]
Zinc	48.0	NA	28.0	20.0 [23.0]

**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Date Collected:	RAA10-W-H9 6-15 03/08/04	RAA10-W-H9 14-15 03/08/04	RAA10-W-J10 6-15 03/08/04	RAA10-W-J10 14-15 03/08/04	RAA10-W-L11 0-1 03/08/04
<b>Volatile Organics</b>					
Acetone	NA	ND(0.022)	NA	ND(0.023)	ND(0.022)
Benzene	NA	ND(0.0055)	NA	ND(0.0058)	ND(0.0055)
<b>Semivolatile Organics</b>					
2,4-Dimethylphenol	ND(0.35)	NA	ND(0.37)	NA	ND(0.37)
2-Chloronaphthalene	ND(0.35)	NA	ND(0.37)	NA	ND(0.37)
2-Methylnaphthalene	ND(0.35)	NA	ND(0.37)	NA	ND(0.37)
2-Methylphenol	ND(0.35)	NA	ND(0.37)	NA	ND(0.37)
3&4-Methylphenol	ND(0.70)	NA	ND(0.74)	NA	ND(0.74)
Acenaphthene	ND(0.35)	NA	ND(0.37)	NA	ND(0.37)
Acenaphthylene	ND(0.35)	NA	ND(0.37)	NA	ND(0.37)
Aniline	ND(0.35)	NA	ND(0.37)	NA	ND(0.37)
Anthracene	ND(0.35)	NA	ND(0.37)	NA	ND(0.37)
Benzo(a)anthracene	ND(0.35)	NA	ND(0.37)	NA	ND(0.37)
Benzo(a)pyrene	ND(0.35)	NA	ND(0.37)	NA	ND(0.37)
Benzo(b)fluoranthene	ND(0.35)	NA	ND(0.37)	NA	ND(0.37)
Benzo(g,h,i)perylene	ND(0.35)	NA	ND(0.37)	NA	ND(0.37)
Benzo(k)fluoranthene	ND(0.35)	NA	ND(0.37)	NA	ND(0.37)
Benzyl Alcohol	ND(0.70)	NA	ND(0.74)	NA	0.83
bis(2-Ethylhexyl)phthalate	ND(0.35)	NA	ND(0.37)	NA	ND(0.36)
Chrysene	ND(0.35)	NA	ND(0.37)	NA	ND(0.37)
Dibenzo(a,h)anthracene	ND(0.35)	NA	ND(0.37)	NA	ND(0.37)
Dibenzofuran	ND(0.35)	NA	ND(0.37)	NA	ND(0.37)
Di-n-Butylphthalate	ND(0.35)	NA	ND(0.37)	NA	ND(0.37)
Diphenylamine	ND(0.35)	NA	ND(0.37)	NA	ND(0.37)
Fluoranthene	ND(0.35)	NA	ND(0.37)	NA	ND(0.37)
Fluorene	ND(0.35)	NA	ND(0.37)	NA	ND(0.37)
Indeno(1,2,3-cd)pyrene	ND(0.35)	NA	ND(0.37)	NA	ND(0.37)
Naphthalene	ND(0.35)	NA	ND(0.37)	NA	ND(0.37)
Phenanthrene	ND(0.35)	NA	ND(0.37)	NA	ND(0.37)
Phenol	ND(0.35)	NA	ND(0.37)	NA	ND(0.37)
Pyrene	ND(0.35)	NA	ND(0.37)	NA	ND(0.37)
<b>Organochlorine Pesticides</b>					
4,4'-DDD	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA
<b>Organophosphate Pesticides</b>					
None Detected	NA	NA	NA	NA	NA
<b>Herbicides</b>					
None Detected	NA	NA	NA	NA	NA
<b>Furans</b>					
2,3,7,8-TCDF	ND(0.00000012)	NA	ND(0.00000023)	NA	ND(0.00000022)
TCDFs (total)	ND(0.00000012)	NA	ND(0.00000023)	NA	ND(0.00000022)
1,2,3,7,8-PeCDF	ND(0.00000017)	NA	ND(0.00000022)	NA	ND(0.00000030)
2,3,4,7,8-PeCDF	ND(0.00000018)	NA	ND(0.00000026)	NA	ND(0.00000032)
PeCDFs (total)	ND(0.00000018)	NA	0.0000045 l	NA	ND(0.00000032)
1,2,3,4,7,8-HxCDF	ND(0.00000017)	NA	ND(0.00000014)	NA	ND(0.00000029)
1,2,3,6,7,8-HxCDF	ND(0.00000017)	NA	ND(0.00000013)	NA	ND(0.00000027)
1,2,3,7,8,9-HxCDF	ND(0.00000020)	NA	ND(0.00000014)	NA	ND(0.00000040)
2,3,4,6,7,8-HxCDF	ND(0.00000014)	NA	ND(0.00000015)	NA	ND(0.00000028)
HxCDFs (total)	ND(0.00000020)	NA	0.0000027	NA	0.0000017
1,2,3,4,6,7,8-HpCDF	ND(0.00000021)	NA	ND(0.00000013)	NA	ND(0.00000033)
1,2,3,4,7,8,9-HpCDF	ND(0.00000034)	NA	ND(0.00000015)	NA	ND(0.00000059)
HpCDFs (total)	ND(0.00000034)	NA	ND(0.00000015)	NA	0.0000032
OCDF	ND(0.00000096)	NA	ND(0.00000056)	NA	ND(0.00000020)



**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Date Collected:	RAA10-W-H9 6-15 03/08/04	RAA10-W-H9 14-15 03/08/04	RAA10-W-J10 6-15 03/08/04	RAA10-W-J10 14-15 03/08/04	RAA10-W-L11 0-1 03/08/04
<b>Dioxins</b>					
2,3,7,8-TCDD	ND(0.00000014)	NA	ND(0.00000020)	NA	ND(0.00000024)
TCDDs (total)	ND(0.00000014)	NA	ND(0.00000020)	NA	ND(0.00000024)
1,2,3,7,8-PeCDD	ND(0.00000030)	NA	ND(0.00000058)	NA	ND(0.00000056)
PeCDDs (total)	ND(0.00000030)	NA	ND(0.00000058)	NA	ND(0.00000056)
1,2,3,4,7,8-HxCDD	ND(0.00000021)	NA	ND(0.00000020)	NA	ND(0.00000033)
1,2,3,6,7,8-HxCDD	ND(0.00000020)	NA	ND(0.00000020)	NA	ND(0.00000029)
1,2,3,7,8,9-HxCDD	ND(0.00000021)	NA	ND(0.00000018)	NA	ND(0.00000030)
HxCDDs (total)	ND(0.00000021)	NA	ND(0.00000020)	NA	ND(0.00000033)
1,2,3,4,6,7,8-HpCDD	ND(0.00000034)	NA	ND(0.00000029)	NA	ND(0.00000064)
HpCDDs (total)	ND(0.00000034)	NA	ND(0.00000029)	NA	ND(0.00000064)
OCDD	ND(0.00000050)	NA	ND(0.00000047)	NA	ND(0.000015) X
Total TEQs (WHO TEFs)	0.00000034	NA	0.00000053	NA	0.00000062
<b>Inorganics</b>					
Antimony	ND(6.00)	NA	ND(6.00)	NA	ND(6.00)
Arsenic	0.940 B	NA	1.90	NA	3.20
Barium	6.20 B	NA	13.0 B	NA	20.0 B
Beryllium	0.0840 B	NA	0.150 B	NA	0.200 B
Cadmium	0.120 B	NA	0.140 B	NA	0.350 B
Chromium	1.70	NA	3.70	NA	4.50
Cobalt	1.80 B	NA	3.70 B	NA	5.20
Copper	3.80	NA	7.70	NA	10.0
Cyanide	0.0320 B	NA	ND(0.220)	NA	0.0410 B
Lead	1.80	NA	3.00	NA	7.00
Mercury	ND(0.100)	NA	ND(0.110)	NA	ND(0.110)
Nickel	3.10 B	NA	7.10	NA	9.10
Selenium	ND(1.00)	NA	0.550 B	NA	0.970 B
Silver	ND(1.00)	NA	ND(1.00)	NA	0.290 B
Sulfide	10.0	NA	ND(5.60)	NA	10.0
Thallium	ND(1.00)	NA	ND(1.10)	NA	ND(1.10)
Tin	1.90 B	NA	2.40 B	NA	2.10 B
Vanadium	1.50 B	NA	3.70 B	NA	7.20
Zinc	11.0	NA	22.0	NA	30.0

**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Date Collected:	RAA10-W-016 0-1 04/09/04	RAA10-W-016 1-3 04/09/04	RAA10-W-016 3-6 04/09/04	RAA10-W-016 4-6 04/09/04
<b>Volatile Organics</b>				
Acetone	ND(0.025)	ND(0.024)	NA	ND(0.023)
Benzene	ND(0.0062)	ND(0.0060)	NA	ND(0.0056)
<b>Semivolatile Organics</b>				
2,4-Dimethylphenol	ND(0.42)	ND(0.40)	ND(0.38)	NA
2-Chloronaphthalene	ND(0.42)	ND(0.40)	ND(0.38)	NA
2-Methylnaphthalene	ND(0.42)	ND(0.40)	ND(0.38)	NA
2-Methylphenol	ND(0.42)	ND(0.40)	ND(0.38)	NA
3&4-Methylphenol	ND(0.84)	ND(0.80)	ND(0.77)	NA
Acenaphthene	ND(0.42)	ND(0.40)	ND(0.38)	NA
Acenaphthylene	ND(0.42)	ND(0.40)	ND(0.38)	NA
Aniline	ND(0.42)	ND(0.40)	ND(0.38)	NA
Anthracene	ND(0.42)	ND(0.40)	ND(0.38)	NA
Benzo(a)anthracene	0.11 J	ND(0.40)	ND(0.38)	NA
Benzo(a)pyrene	ND(0.42)	ND(0.40)	ND(0.38)	NA
Benzo(b)fluoranthene	ND(0.42)	ND(0.40)	ND(0.38)	NA
Benzo(g,h,i)perylene	ND(0.42)	ND(0.40)	ND(0.38)	NA
Benzo(k)fluoranthene	ND(0.42)	ND(0.40)	ND(0.38)	NA
Benzyl Alcohol	ND(0.84)	ND(0.80)	ND(0.77)	NA
bis(2-Ethylhexyl)phthalate	ND(0.41)	ND(0.40)	ND(0.38)	NA
Chrysene	0.17 J	ND(0.40)	ND(0.38)	NA
Dibenzo(a,h)anthracene	ND(0.42)	ND(0.40)	ND(0.38)	NA
Dibenzofuran	ND(0.42)	ND(0.40)	ND(0.38)	NA
Di-n-Butylphthalate	ND(0.42)	ND(0.40)	ND(0.38)	NA
Diphenylamine	ND(0.42)	ND(0.40)	ND(0.38)	NA
Fluoranthene	0.37 J	ND(0.40)	ND(0.38)	NA
Fluorene	ND(0.42)	ND(0.40)	ND(0.38)	NA
Indeno(1,2,3-cd)pyrene	ND(0.42)	ND(0.40)	ND(0.38)	NA
Naphthalene	ND(0.42)	ND(0.40)	ND(0.38)	NA
Phenanthrene	0.23 J	ND(0.40)	ND(0.38)	NA
Phenol	ND(0.42)	ND(0.40)	ND(0.38)	NA
Pyrene	0.33 J	ND(0.40)	ND(0.38)	NA
<b>Organochlorine Pesticides</b>				
4,4'-DDD	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA
<b>Organophosphate Pesticides</b>				
None Detected	NA	NA	NA	NA
<b>Herbicides</b>				
None Detected	NA	NA	NA	NA
<b>Furans</b>				
2,3,7,8-TCDF	0.000015 Y	0.00000045 J	0.00000019 J	NA
TCDFs (total)	0.00016 QI	0.0000011	0.00000019	NA
1,2,3,7,8-PeCDF	0.0000060 J	0.00000024 J	ND(0.00000012) X	NA
2,3,4,7,8-PeCDF	0.000012	0.00000027 J	0.000000072 J	NA
PeCDFs (total)	0.00014 Q	0.0000016	0.00000072	NA
1,2,3,4,7,8-HxCDF	0.0000060 J	ND(0.00000023) X	ND(0.000000060) X	NA
1,2,3,6,7,8-HxCDF	0.0000051 J	0.00000023 J	0.00000012 J	NA
1,2,3,7,8,9-HxCDF	0.0000013 J	ND(0.00000058)	ND(0.00000050)	NA
2,3,4,6,7,8-HxCDF	0.0000087	0.00000014 J	ND(0.00000050)	NA
HxCDFs (total)	0.00013	0.0000014	0.00000012	NA
1,2,3,4,6,7,8-HpCDF	0.000029	0.00000055 J	ND(0.00000019) X	NA
1,2,3,4,7,8,9-HpCDF	0.0000019 J	ND(0.00000058)	ND(0.00000050)	NA
HpCDFs (total)	0.000066	0.00000055	ND(0.00000050)	NA
OCDF	0.000043	0.00000067 J	0.00000016 J	NA

TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Date Collected:	RAA10-W-016 0-1 04/09/04	RAA10-W-016 1-3 04/09/04	RAA10-W-016 3-6 04/09/04	RAA10-W-016 4-6 04/09/04
<b>Dioxins</b>				
2,3,7,8-TCDD	ND(0.0000059) X	ND(0.0000023)	ND(0.0000020)	NA
TCDDs (total)	0.000044	ND(0.0000070)	ND(0.0000060)	NA
1,2,3,7,8-PeCDD	ND(0.000012) X	ND(0.0000058)	ND(0.0000050)	NA
PeCDDs (total)	0.000011 Q	ND(0.0000058)	ND(0.0000074)	NA
1,2,3,4,7,8-HxCDD	ND(0.000011) X	ND(0.0000058)	ND(0.0000050)	NA
1,2,3,6,7,8-HxCDD	0.0000031 J	ND(0.0000058)	ND(0.0000050)	NA
1,2,3,7,8,9-HxCDD	0.0000022 J	ND(0.0000058)	ND(0.0000050)	NA
HxCDDs (total)	0.000027	ND(0.0000058)	ND(0.0000050)	NA
1,2,3,4,6,7,8-HpCDD	0.000043	0.000012 J	0.0000034 J	NA
HpCDDs (total)	0.000084	0.000020	0.0000053	NA
OCDD	0.00033	0.0000071 J	0.0000016 J	NA
Total TEQs (WHO TEFs)	0.000012	0.0000078	0.0000056	NA
<b>Inorganics</b>				
Antimony	1.50 B	ND(6.00)	ND(6.00)	NA
Arsenic	10.0	4.00	3.90	NA
Barium	100	49.0	18.0 B	NA
Beryllium	0.280 B	0.240 B	0.280 B	NA
Cadmium	1.60	0.120 B	0.0910 B	NA
Chromium	7.70	5.80	6.00	NA
Cobalt	6.60	6.70	6.30	NA
Copper	30.0	8.50	12.0	NA
Cyanide	0.260	0.160	ND(0.120)	NA
Lead	1000	40.0	5.90	NA
Mercury	0.130	0.0190 B	ND(0.120)	NA
Nickel	12.0	8.00	12.0	NA
Selenium	1.60	1.10	1.00	NA
Silver	0.170 B	ND(1.00)	ND(1.00)	NA
Sulfide	6.00 B	ND(6.00)	5.50 B	NA
Thallium	ND(1.20)	ND(1.20)	ND(1.20)	NA
Tin	5.60 B	3.60 B	3.00 B	NA
Vanadium	20.0	9.70	6.40	NA
Zinc	240	65.0	36.0	NA

**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Date Collected:	RAA10-W-016 6-15 04/09/04	RAA10-W-016 14-15 04/09/04	RAA10-W-P9 0-1 03/10/04	RAA10-W-P9 6-11 03/10/04	RAA10-W-P9 8-10 03/10/04
<b>Volatile Organics</b>					
Acetone	NA	ND(0.023)	ND(0.022)	NA	ND(0.023)
Benzene	NA	ND(0.0059)	ND(0.0056)	NA	ND(0.0057)
<b>Semivolatile Organics</b>					
2,4-Dimethylphenol	ND(0.38)	NA	ND(0.37)	ND(0.37)	NA
2-Chloronaphthalene	ND(0.38)	NA	ND(0.37)	ND(0.37)	NA
2-Methylnaphthalene	ND(0.38)	NA	ND(0.37)	ND(0.37)	NA
2-Methylphenol	ND(0.38)	NA	ND(0.37)	ND(0.37)	NA
3&4-Methylphenol	ND(0.76)	NA	ND(0.75)	ND(0.75)	NA
Acenaphthene	ND(0.38)	NA	ND(0.37)	ND(0.37)	NA
Acenaphthylene	ND(0.38)	NA	0.51	ND(0.37)	NA
Aniline	ND(0.38)	NA	ND(0.37)	ND(0.37)	NA
Anthracene	ND(0.38)	NA	0.51	ND(0.37)	NA
Benzo(a)anthracene	ND(0.38)	NA	2.4	ND(0.37)	NA
Benzo(a)pyrene	ND(0.38)	NA	1.7	ND(0.37)	NA
Benzo(b)fluoranthene	ND(0.38)	NA	1.4	ND(0.37)	NA
Benzo(g,h,i)perylene	ND(0.38)	NA	1.4	ND(0.37)	NA
Benzo(k)fluoranthene	ND(0.38)	NA	1.5	ND(0.37)	NA
Benzyl Alcohol	ND(0.76)	NA	ND(0.75)	ND(0.75)	NA
bis(2-Ethylhexyl)phthalate	ND(0.37)	NA	ND(0.37)	ND(0.37)	NA
Chrysene	ND(0.38)	NA	3.2	ND(0.37)	NA
Dibenzo(a,h)anthracene	ND(0.38)	NA	0.35 J	ND(0.37)	NA
Dibenzofuran	ND(0.38)	NA	ND(0.37)	ND(0.37)	NA
Di-n-Butylphthalate	ND(0.38)	NA	ND(0.37)	ND(0.37)	NA
Diphenylamine	ND(0.38)	NA	ND(0.37)	ND(0.37)	NA
Fluoranthene	ND(0.38)	NA	5.8	ND(0.37)	NA
Fluorene	ND(0.38)	NA	0.11 J	ND(0.37)	NA
Indeno(1,2,3-cd)pyrene	ND(0.38)	NA	1.1	ND(0.37)	NA
Naphthalene	ND(0.38)	NA	ND(0.37)	ND(0.37)	NA
Phenanthrene	ND(0.38)	NA	1.8	ND(0.37)	NA
Phenol	ND(0.38)	NA	ND(0.37)	ND(0.37)	NA
Pyrene	ND(0.38)	NA	5.7	ND(0.37)	NA
<b>Organochlorine Pesticides</b>					
4,4'-DDD	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA
<b>Organophosphate Pesticides</b>					
None Detected	NA	NA	NA	NA	NA
<b>Herbicides</b>					
None Detected	NA	NA	NA	NA	NA
<b>Furans</b>					
2,3,7,8-TCDF	0.0000020 J	NA	0.000022 Y	ND(0.0000015)	NA
TCDFs (total)	0.0000020	NA	0.000022 I	0.0000050	NA
1,2,3,7,8-PeCDF	ND(0.0000017) X	NA	ND(0.0000039)	ND(0.0000018)	NA
2,3,4,7,8-PeCDF	0.0000014 J	NA	0.0000058	ND(0.0000022)	NA
PeCDFs (total)	0.0000014	NA	0.000080 I	0.000014	NA
1,2,3,4,7,8-HxCDF	ND(0.0000011) X	NA	ND(0.0000035)	ND(0.0000018)	NA
1,2,3,6,7,8-HxCDF	0.0000018 J	NA	ND(0.0000032)	ND(0.0000017)	NA
1,2,3,7,8,9-HxCDF	ND(0.0000056)	NA	ND(0.0000049)	ND(0.0000024)	NA
2,3,4,6,7,8-HxCDF	ND(0.0000056)	NA	ND(0.0000034)	ND(0.0000018)	NA
HxCDFs (total)	0.0000018	NA	0.000058	ND(0.0000024)	NA
1,2,3,4,6,7,8-HpCDF	0.0000019 J	NA	0.000014	ND(0.0000019)	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000056)	NA	ND(0.0000061)	ND(0.0000038)	NA
HpCDFs (total)	0.0000019	NA	0.000028	ND(0.0000038)	NA
OCDF	ND(0.0000011)	NA	ND(0.0000018)	ND(0.0000011)	NA

**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Date Collected:	RAA10-W-016 6-15 04/09/04	RAA10-W-016 14-15 04/09/04	RAA10-W-P9 0-1 03/10/04	RAA10-W-P9 6-11 03/10/04	RAA10-W-P9 8-10 03/10/04
<b>Dioxins</b>					
2,3,7,8-TCDD	ND(0.00000022)	NA	ND(0.00000028)	ND(0.000000094)	NA
TCDDs (total)	ND(0.00000060)	NA	ND(0.00000028)	ND(0.000000094)	NA
1,2,3,7,8-PeCDD	ND(0.00000056)	NA	ND(0.00000013)	ND(0.00000049)	NA
PeCDDs (total)	ND(0.00000084)	NA	ND(0.00000013)	ND(0.00000049)	NA
1,2,3,4,7,8-HxCDD	ND(0.00000056)	NA	ND(0.00000047)	ND(0.00000025)	NA
1,2,3,6,7,8-HxCDD	ND(0.00000056)	NA	ND(0.00000044)	ND(0.00000025)	NA
1,2,3,7,8,9-HxCDD	ND(0.00000056)	NA	ND(0.00000046)	ND(0.00000025)	NA
HxCDDs (total)	ND(0.00000098)	NA	0.000052	ND(0.00000025)	NA
1,2,3,4,6,7,8-HpCDD	0.00000036 J	NA	ND(0.00000069)	ND(0.00000042)	NA
HpCDDs (total)	0.00000036	NA	ND(0.00000069)	ND(0.00000042)	NA
OCDD	0.0000017 J	NA	0.000030	ND(0.0000011)	NA
Total TEQs (WHO TEFs)	0.00000066	NA	0.0000042	0.00000044	NA
<b>Inorganics</b>					
Antimony	ND(6.00)	NA	ND(6.00)	ND(6.00)	NA
Arsenic	2.70	NA	4.90	3.20	NA
Barium	18.0 B	NA	22.0	21.0	NA
Beryllium	0.190 B	NA	0.190 B	0.210 B	NA
Cadmium	0.0880 B	NA	0.380 B	0.350 B	NA
Chromium	4.70	NA	5.80	7.00	NA
Cobalt	5.10	NA	6.80	6.20	NA
Copper	9.30	NA	12.0	12.0	NA
Cyanide	ND(0.110)	NA	0.0580 B	ND(0.560)	NA
Lead	4.40	NA	7.80	5.30	NA
Mercury	ND(0.110)	NA	ND(0.110)	ND(0.110)	NA
Nickel	9.60	NA	11.0	11.0	NA
Selenium	0.870 B	NA	ND(1.00)	ND(1.00)	NA
Silver	ND(1.00)	NA	ND(1.00)	ND(1.00)	NA
Sulfide	5.40 B	NA	7.10	9.00	NA
Thallium	ND(1.10)	NA	ND(1.10)	ND(1.10)	NA
Tin	2.80 B	NA	3.10 B	3.00 B	NA
Vanadium	4.60 B	NA	4.90 B	5.50	NA
Zinc	30.0	NA	47.0	38.0	NA

TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004

PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	RAA10-W-P15 0-1 03/25/04	RAA10-W-P15 1-3 03/25/04	RAA10-W-P15 3-6 03/25/04	RAA10-W-P15 4-6 03/25/04
<b>Volatile Organics</b>					
Acetone		ND(0.025)	ND(0.022)	NA	ND(0.022)
Benzene		ND(0.0062)	ND(0.0056)	NA	ND(0.0054)
<b>Semivolatile Organics</b>					
2,4-Dimethylphenol		ND(0.41)	ND(0.37)	ND(0.36)	NA
2-Chloronaphthalene		ND(0.41)	ND(0.37)	ND(0.36)	NA
2-Methylnaphthalene		ND(0.41)	ND(0.37)	ND(0.36)	NA
2-Methylphenol		ND(0.41)	ND(0.37)	ND(0.36)	NA
3&4-Methylphenol		ND(0.83)	ND(0.75)	ND(0.73)	NA
Acenaphthene		ND(0.41)	ND(0.37)	ND(0.36)	NA
Acenaphthylene		ND(0.41)	ND(0.37)	ND(0.36)	NA
Aniline		ND(0.41)	ND(0.37)	ND(0.36)	NA
Anthracene		ND(0.41)	ND(0.37)	ND(0.36)	NA
Benzo(a)anthracene		ND(0.41)	ND(0.37)	ND(0.36)	NA
Benzo(a)pyrene		ND(0.41)	ND(0.37)	ND(0.36)	NA
Benzo(b)fluoranthene		ND(0.41)	ND(0.37)	ND(0.36)	NA
Benzo(g,h,i)perylene		ND(0.41)	ND(0.37)	ND(0.36)	NA
Benzo(k)fluoranthene		ND(0.41)	ND(0.37)	ND(0.36)	NA
Benzyl Alcohol		ND(0.83)	ND(0.75)	ND(0.73)	NA
bis(2-Ethylhexyl)phthalate		ND(0.41)	ND(0.37)	ND(0.36)	NA
Chrysene		0.13 J	ND(0.37)	ND(0.36)	NA
Dibenzo(a,h)anthracene		ND(0.41)	ND(0.37)	ND(0.36)	NA
Dibenzofuran		ND(0.41)	ND(0.37)	ND(0.36)	NA
Di-n-Butylphthalate		ND(0.41)	ND(0.37)	ND(0.36)	NA
Diphenylamine		ND(0.41)	ND(0.37)	ND(0.36)	NA
Fluoranthene		0.26 J	ND(0.37)	ND(0.36)	NA
Fluorene		ND(0.41)	ND(0.37)	ND(0.36)	NA
Indeno(1,2,3-cd)pyrene		ND(0.41)	ND(0.37)	ND(0.36)	NA
Naphthalene		ND(0.41)	ND(0.37)	ND(0.36)	NA
Phenanthrene		0.16 J	ND(0.37)	ND(0.36)	NA
Phenol		ND(0.41)	ND(0.37)	ND(0.36)	NA
Pyrene		0.24 J	ND(0.37)	ND(0.36)	NA
<b>Organochlorine Pesticides</b>					
4,4'-DDD		NA	NA	NA	NA
4,4'-DDE		NA	NA	NA	NA
4,4'-DDT		NA	NA	NA	NA
Dieldrin		NA	NA	NA	NA
<b>Organophosphate Pesticides</b>					
None Detected		NA	NA	NA	NA
<b>Herbicides</b>					
None Detected		NA	NA	NA	NA
<b>Furans</b>					
2,3,7,8-TCDF		0.0000078 Y	0.00000050 J	ND(0.00000027)	NA
TCDFs (total)		0.000081	0.00000090	ND(0.00000027)	NA
1,2,3,7,8-PeCDF		0.0000026 J	ND(0.00000054)	ND(0.00000017) X	NA
2,3,4,7,8-PeCDF		0.0000058 J	0.00000024 J	0.00000018 J	NA
PeCDFs (total)		0.000067	0.0000013	0.00000048	NA
1,2,3,4,7,8-HxCDF		0.0000039 J	0.00000026 J	0.00000019 J	NA
1,2,3,6,7,8-HxCDF		0.0000033 J	0.00000029 J	ND(0.00000018) X	NA
1,2,3,7,8,9-HxCDF		0.0000097 J	ND(0.00000054)	ND(0.00000049)	NA
2,3,4,6,7,8-HxCDF		0.0000055 J	ND(0.00000054)	ND(0.00000049)	NA
HxCDFs (total)		0.000064	0.0000016	0.00000019	NA
1,2,3,4,6,7,8-HpCDF		0.000018	ND(0.00000065) X	0.00000034 J	NA
1,2,3,4,7,8,9-HpCDF		ND(0.0000012) X	ND(0.00000054)	ND(0.00000049)	NA
HpCDFs (total)		0.000034	ND(0.00000054)	0.00000034	NA
OCDF		0.000039	ND(0.0000010) X	0.00000038 J	NA

TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004

PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	RAA10-W-P15 0-1 03/25/04	RAA10-W-P15 1-3 03/25/04	RAA10-W-P15 3-6 03/25/04	RAA10-W-P15 4-6 03/25/04
<b>Dioxins</b>					
2,3,7,8-TCDD		ND(0.00000030)	ND(0.00000025)	ND(0.00000030)	NA
TCDDs (total)		0.0000019	ND(0.00000054)	ND(0.00000045)	NA
1,2,3,7,8-PeCDD		ND(0.00000081) X	ND(0.00000054)	ND(0.00000049)	NA
PeCDDs (total)		0.0000037	ND(0.00000080)	ND(0.00000049)	NA
1,2,3,4,7,8-HxCDD		ND(0.00000055) X	ND(0.00000054)	ND(0.00000049)	NA
1,2,3,6,7,8-HxCDD		0.0000013 J	ND(0.00000054)	ND(0.00000049)	NA
1,2,3,7,8,9-HxCDD		0.0000012 J	ND(0.00000054)	ND(0.00000049)	NA
HxCDDs (total)		0.000014	ND(0.00000054)	ND(0.00000070)	NA
1,2,3,4,6,7,8-HpCDD		0.000018	0.00000064 J	ND(0.00000036) X	NA
HpCDDs (total)		0.000033	0.00000064	ND(0.00000049)	NA
OCDD		0.00015	0.0000042 J	0.0000018 J	NA
Total TEQs (WHO TEFs)		0.0000064	0.00000078	0.00000066	NA
<b>Inorganics</b>					
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	NA
Arsenic		6.10	2.70	2.50	NA
Barium		43.0	23.0	21.0	NA
Beryllium		0.250 B	0.240 B	0.250 B	NA
Cadmium		0.270 B	0.190 B	0.160 B	NA
Chromium		6.20	4.80	4.40	NA
Cobalt		6.30	5.80	5.00	NA
Copper		17.0	11.0	9.20	NA
Cyanide		0.160	0.0580 B	ND(0.110)	NA
Lead		37.0	5.90	4.60	NA
Mercury		0.0600 B	0.0160 B	0.00800 B	NA
Nickel		12.0	10.0	9.30	NA
Selenium		1.10	0.690 B	1.00	NA
Silver		0.140 B	0.120 B	0.150 B	NA
Sulfide		ND(6.20)	ND(5.60)	5.20 B	NA
Thallium		ND(1.20)	ND(1.10)	ND(1.10)	NA
Tin		3.50 B	2.30 B	2.60 B	NA
Vanadium		9.30	5.10	4.40 B	NA
Zinc		52.0	32.0	28.0	NA

TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004

PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)

Sample ID: Sample Depth(Feet): Date Collected:	RAA10-W-P15 6-15 03/25/04	RAA10-W-P15 14-15 03/25/04	RAA10-W-P16 0-1 04/09/04
<b>Volatile Organics</b>			
Acetone	NA	ND(0.023) [ND(0.023)]	ND(0.024)
Benzene	NA	ND(0.0057) [ND(0.0057)]	ND(0.0059)
<b>Semivolatile Organics</b>			
2,4-Dimethylphenol	2.2 [ND(0.36)]	NA	ND(0.39)
2-Chloronaphthalene	ND(1.8) [ND(0.36)]	NA	ND(0.39)
2-Methylnaphthalene	ND(1.8) [ND(0.36)]	NA	ND(0.39)
2-Methylphenol	54 [ND(0.36)]	NA	ND(0.39)
3&4-Methylphenol	26 [ND(0.73)]	NA	ND(0.79)
Acenaphthene	ND(1.8) [ND(0.36)]	NA	ND(0.39)
Acenaphthylene	ND(1.8) [ND(0.36)]	NA	ND(0.39)
Aniline	260 [ND(0.36)]	NA	ND(0.39)
Anthracene	ND(1.8) [ND(0.36)]	NA	ND(0.39)
Benzo(a)anthracene	ND(1.8) [ND(0.36)]	NA	0.092 J
Benzo(a)pyrene	ND(1.8) [ND(0.36)]	NA	ND(0.39)
Benzo(b)fluoranthene	ND(1.8) [ND(0.36)]	NA	ND(0.39)
Benzo(g,h,i)perylene	ND(1.8) [ND(0.36)]	NA	ND(0.39)
Benzo(k)fluoranthene	ND(1.8) [ND(0.36)]	NA	ND(0.39)
Benzyl Alcohol	ND(3.7) [ND(0.73)]	NA	ND(0.79)
bis(2-Ethylhexyl)phthalate	4.0 [ND(0.36)]	NA	ND(0.39)
Chrysene	ND(1.8) [ND(0.36)]	NA	0.13 J
Dibenzo(a,h)anthracene	ND(1.8) [ND(0.36)]	NA	ND(0.39)
Dibenzofuran	ND(1.8) [ND(0.36)]	NA	ND(0.39)
Di-n-Butylphthalate	150 [ND(0.36)]	NA	ND(0.39)
Diphenylamine	20 [ND(0.36)]	NA	ND(0.39)
Fluoranthene	ND(1.8) [ND(0.36)]	NA	0.23 J
Fluorene	ND(1.8) [ND(0.36)]	NA	ND(0.39)
Indeno(1,2,3-cd)pyrene	ND(1.8) [ND(0.36)]	NA	ND(0.39)
Naphthalene	2.0 [ND(0.36)]	NA	ND(0.39)
Phenanthrene	ND(1.8) [ND(0.36)]	NA	0.14 J
Phenol	290 [ND(0.36)]	NA	ND(0.39)
Pyrene	ND(1.8) [ND(0.36)]	NA	0.22 J
<b>Organochlorine Pesticides</b>			
4,4'-DDD	NA	NA	NA
4,4'-DDE	NA	NA	NA
4,4'-DDT	NA	NA	NA
Dieldrin	NA	NA	NA
<b>Organophosphate Pesticides</b>			
None Detected	NA	NA	NA
<b>Herbicides</b>			
None Detected	NA	NA	NA
<b>Furans</b>			
2,3,7,8-TCDF	ND(0.0000030) X [ND(0.0000032) X]	NA	0.000013 Y
TCDFs (total)	ND(0.0000024) [ND(0.0000032)]	NA	0.000054
1,2,3,7,8-PeCDF	0.0000017 J [0.0000091 J]	NA	0.000023 J
2,3,4,7,8-PeCDF	ND(0.0000018) X [0.0000081 J]	NA	0.000041 J
PeCDFs (total)	0.0000017 [0.000017]	NA	0.000049 Q
1,2,3,4,7,8-HxCDF	ND(0.0000014) X [0.0000097 J]	NA	0.000026 J
1,2,3,6,7,8-HxCDF	0.0000017 J [0.0000086 J]	NA	0.000018 J
1,2,3,7,8,9-HxCDF	ND(0.0000055) [ND(0.0000089) X]	NA	0.0000057 J
2,3,4,6,7,8-HxCDF	ND(0.0000055) [0.0000099 J]	NA	0.000031 J
HxCDFs (total)	0.0000013 [0.000028]	NA	0.000048
1,2,3,4,6,7,8-HpCDF	0.0000032 J [0.000010 J]	NA	0.000011
1,2,3,4,7,8,9-HpCDF	ND(0.0000055) [0.0000090 J]	NA	0.0000083 J
HpCDFs (total)	0.0000032 [0.000020]	NA	0.000027
OCDF	ND(0.0000041) X [0.000018 J]	NA	0.000016



**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	RAA10-W-P15 6-15 03/25/04	RAA10-W-P15 14-15 03/25/04	RAA10-W-P16 0-1 04/09/04
<b>Dioxins</b>				
2,3,7,8-TCDD		ND(0.00000024) [ND(0.00000030)]	NA	ND(0.00000068) X
TCDDs (total)		ND(0.00000058) [ND(0.00000050)]	NA	0.00000053
1,2,3,7,8-PeCDD		ND(0.00000055) [0.00000097 J]	NA	ND(0.00000040) X
PeCDDs (total)		ND(0.00000082) [0.00000097]	NA	0.00000049 Q
1,2,3,4,7,8-HxCDD		ND(0.00000055) [0.0000010 J]	NA	0.00000039 J
1,2,3,6,7,8-HxCDD		ND(0.00000055) [0.0000010 J]	NA	0.0000013 J
1,2,3,7,8,9-HxCDD		ND(0.00000055) [ND(0.0000012) X]	NA	0.00000094 J
HxCDDs (total)		ND(0.00000080) [0.0000020]	NA	0.000012
1,2,3,4,6,7,8-HpCDD		ND(0.00000055) [0.0000010 J]	NA	0.000018
HpCDDs (total)		ND(0.00000055) [0.0000010]	NA	0.000036
OCDD		0.0000020 J [0.0000036 J]	NA	0.00014
Total TEQs (WHO TEFs)		0.00000063 [0.0000022]	NA	0.0000054
<b>Inorganics</b>				
Antimony		0.790 B [ND(6.00)]	NA	ND(6.00)
Arsenic		3.00 [2.50]	NA	6.60
Barium		20.0 [24.0]	NA	25.0
Beryllium		0.190 B [0.170 B]	NA	0.190 B
Cadmium		0.220 B [0.160 B]	NA	0.200 B
Chromium		6.60 [5.70]	NA	7.70
Cobalt		4.80 B [5.20]	NA	5.70
Copper		9.40 [9.50]	NA	19.0
Cyanide		ND(0.110) [ND(0.110)]	NA	0.140
Lead		5.30 [5.00]	NA	83.0
Mercury		ND(0.110) [ND(0.110)]	NA	0.0500 B
Nickel		9.30 [11.0]	NA	12.0
Selenium		1.10 [0.830 B]	NA	1.20
Silver		0.170 B [ND(1.00)]	NA	ND(1.00)
Sulfide		ND(5.50) [5.30 B]	NA	13.0
Thallium		ND(1.10) [ND(1.10)]	NA	ND(1.20)
Tin		2.10 B [2.20 B]	NA	3.90 B
Vanadium		4.50 B [4.80 B]	NA	10.0
Zinc		31.0 [32.0]	NA	65.0

**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA10-W-P17 1-3 04/09/04	RAA10-W-P17 3-6 04/09/04	RAA10-W-P17 4-6 04/09/04	RAA10-W-P17 6-15 04/09/04	RAA10-W-P17 12-14 04/09/04
<b>Volatile Organics</b>					
Acetone	ND(0.022)	NA	ND(0.022)	NA	ND(0.023)
Benzene	ND(0.0056)	NA	ND(0.0055)	NA	ND(0.0057)
<b>Semivolatile Organics</b>					
2,4-Dimethylphenol	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
2-Chloronaphthalene	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
2-Methylnaphthalene	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
2-Methylphenol	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
3&4-Methylphenol	ND(0.75)	ND(0.75)	NA	ND(0.77)	NA
Acenaphthene	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
Acenaphthylene	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
Aniline	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
Anthracene	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
Benzo(a)anthracene	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
Benzo(a)pyrene	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
Benzo(b)fluoranthene	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
Benzo(g,h,i)perylene	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
Benzo(k)fluoranthene	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
Benzyl Alcohol	ND(0.75)	ND(0.75)	NA	ND(0.77)	NA
bis(2-Ethylhexyl)phthalate	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
Chrysene	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
Dibenzo(a,h)anthracene	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
Dibenzofuran	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
Di-n-Butylphthalate	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
Diphenylamine	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
Fluoranthene	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
Fluorene	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
Indeno(1,2,3-cd)pyrene	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
Naphthalene	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
Phenanthrene	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
Phenol	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
Pyrene	ND(0.37)	ND(0.37)	NA	ND(0.38)	NA
<b>Organochlorine Pesticides</b>					
4,4'-DDD	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA
<b>Organophosphate Pesticides</b>					
None Detected	NA	NA	NA	NA	NA
<b>Herbicides</b>					
None Detected	NA	NA	NA	NA	NA
<b>Furans</b>					
2,3,7,8-TCDF	0.0000013 J	0.00000028 J	NA	0.00000021 J	NA
TCDFs (total)	0.0000071	0.00000028	NA	0.00000035	NA
1,2,3,7,8-PeCDF	0.00000038 J	ND(0.00000016) X	NA	ND(0.00000054)	NA
2,3,4,7,8-PeCDF	0.00000064 J	ND(0.00000014) X	NA	ND(0.00000054)	NA
PeCDFs (total)	0.0000071	0.00000018	NA	ND(0.00000054)	NA
1,2,3,4,7,8-HxCDF	0.00000045 J	0.00000011 J	NA	ND(0.00000054)	NA
1,2,3,6,7,8-HxCDF	0.00000048 J	ND(0.00000014) X	NA	0.00000015 J	NA
1,2,3,7,8,9-HxCDF	ND(0.00000049)	ND(0.00000056)	NA	ND(0.00000054)	NA
2,3,4,6,7,8-HxCDF	0.00000049 J	ND(0.00000056)	NA	ND(0.00000054)	NA
HxCDFs (total)	0.0000072	0.00000035	NA	0.00000015	NA
1,2,3,4,6,7,8-HpCDF	0.0000016 J	0.00000026 J	NA	0.00000015 J	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000016) X	ND(0.00000056)	NA	ND(0.00000054)	NA
HpCDFs (total)	0.0000032	0.00000026	NA	0.00000015	NA
OCDF	0.0000022 J	0.00000034 J	NA	ND(0.0000011)	NA

**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Date Collected:	RAA10-W-P17 1-3 04/09/04	RAA10-W-P17 3-6 04/09/04	RAA10-W-P17 4-6 04/09/04	RAA10-W-P17 6-15 04/09/04	RAA10-W-P17 12-14 04/09/04
<b>Dioxins</b>					
2,3,7,8-TCDD	ND(0.00000026) X	ND(0.00000022)	NA	ND(0.00000022)	NA
TCDDs (total)	0.00000014	ND(0.00000066)	NA	ND(0.00000060)	NA
1,2,3,7,8-PeCDD	ND(0.00000011) X	ND(0.00000056)	NA	ND(0.00000054)	NA
PeCDDs (total)	0.00000030	ND(0.00000082)	NA	0.00000019	NA
1,2,3,4,7,8-HxCDD	ND(0.00000049)	ND(0.00000056)	NA	ND(0.00000054)	NA
1,2,3,6,7,8-HxCDD	0.00000025 J	ND(0.00000056)	NA	ND(0.00000054)	NA
1,2,3,7,8,9-HxCDD	ND(0.00000030) X	ND(0.00000056)	NA	ND(0.00000054)	NA
HxCDDs (total)	0.0000011	ND(0.00000089)	NA	0.00000021	NA
1,2,3,4,6,7,8-HpCDD	0.0000042 J	0.00000048 J	NA	ND(0.00000028) X	NA
HpCDDs (total)	0.0000081	0.00000066	NA	ND(0.00000054)	NA
OCDD	0.000031	0.0000023 J	NA	0.0000020 J	NA
Total TEQs (WHO TEFs)	0.00000095	0.00000063	NA	0.00000073	NA
<b>Inorganics</b>					
Antimony	ND(6.00)	ND(6.00)	NA	ND(6.00)	NA
Arsenic	4.80	4.10	NA	2.70	NA
Barium	22.0	25.0	NA	22.0	NA
Beryllium	0.240 B	0.250 B	NA	0.180 B	NA
Cadmium	0.100 B	0.0860 B	NA	0.120 B	NA
Chromium	6.00	5.80	NA	5.60	NA
Cobalt	8.80	7.40	NA	6.00	NA
Copper	16.0	12.0	NA	12.0	NA
Cyanide	0.0390 B	0.0530 B	NA	ND(0.120)	NA
Lead	13.0	6.40	NA	6.00	NA
Mercury	0.0240 B	ND(0.110)	NA	ND(0.120)	NA
Nickel	11.0	12.0	NA	11.0	NA
Selenium	1.00	1.10	NA	0.560 B	NA
Silver	ND(1.00)	0.140 B	NA	0.120 B	NA
Sulfide	5.40 B	16.0	NA	ND(5.80)	NA
Thallium	ND(1.10)	ND(1.10)	NA	ND(1.20)	NA
Tin	3.10 B	3.30 B	NA	3.20 B	NA
Vanadium	7.70	7.10	NA	5.30	NA
Zinc	36.0	34.0	NA	32.0	NA

**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Date Collected:	RAA10-W-Q15 0-1 03/26/04	RAA10-W-R13 0-1 03/10/04	RAA10-W-R13 6-15 03/10/04	RAA10-W-R13 14-15 03/10/04	RAA10-W-R15 0-1 03/26/04
<b>Parameter</b>					
<b>Volatile Organics</b>					
Acetone	ND(0.025)	ND(0.021)	NA	ND(0.023)	ND(0.023)
Benzene	ND(0.0062)	ND(0.0052)	NA	ND(0.0058)	ND(0.0059)
<b>Semivolatile Organics</b>					
2,4-Dimethylphenol	ND(0.42)	ND(0.35)	ND(0.37)	NA	ND(0.51)
2-Chloronaphthalene	ND(0.42)	ND(0.35)	ND(0.37)	NA	ND(0.51)
2-Methylnaphthalene	ND(0.42)	ND(0.35)	ND(0.37)	NA	ND(0.51)
2-Methylphenol	ND(0.42)	ND(0.35)	ND(0.37)	NA	ND(0.51)
3&4-Methylphenol	ND(0.84)	ND(0.70)	ND(0.75)	NA	ND(0.79)
Acenaphthene	ND(0.42)	ND(0.35)	ND(0.37)	NA	ND(0.51)
Acenaphthylene	0.12 J	0.084 J	ND(0.37)	NA	ND(0.51)
Aniline	ND(0.42)	ND(0.35)	ND(0.37)	NA	ND(0.51)
Anthracene	0.12 J	0.10 J	ND(0.37)	NA	ND(0.51)
Benzo(a)anthracene	0.42 J	0.51	ND(0.37)	NA	0.17 J
Benzo(a)pyrene	0.31 J	0.28 J	ND(0.37)	NA	ND(0.51)
Benzo(b)fluoranthene	0.31 J	0.26 J	ND(0.37)	NA	ND(0.51)
Benzo(g,h,i)perylene	0.20 J	0.19 J	ND(0.37)	NA	ND(0.51)
Benzo(k)fluoranthene	0.38 J	0.26 J	ND(0.37)	NA	ND(0.51)
Benzyl Alcohol	ND(0.84)	ND(0.70)	ND(0.75)	NA	ND(1.0)
bis(2-Ethylhexyl)phthalate	ND(0.41)	ND(0.34)	ND(0.37)	NA	ND(0.39)
Chrysene	0.59	0.51	ND(0.37)	NA	0.25 J
Dibenzo(a,h)anthracene	ND(0.42)	ND(0.35)	ND(0.37)	NA	ND(0.51)
Dibenzofuran	ND(0.42)	ND(0.35)	ND(0.37)	NA	ND(0.51)
Di-n-Butylphthalate	ND(0.42)	ND(0.35)	ND(0.37)	NA	ND(0.51)
Diphenylamine	ND(0.42)	ND(0.35)	ND(0.37)	NA	ND(0.51)
Fluoranthene	1.3	0.78	ND(0.37)	NA	0.65
Fluorene	ND(0.42)	ND(0.35)	ND(0.37)	NA	ND(0.51)
Indeno(1,2,3-cd)pyrene	0.16 J	0.16 J	ND(0.37)	NA	ND(0.51)
Naphthalene	ND(0.42)	ND(0.35)	ND(0.37)	NA	ND(0.51)
Phenanthrene	0.73	0.18 J	ND(0.37)	NA	0.39 J
Phenol	ND(0.42)	ND(0.35)	ND(0.37)	NA	ND(0.51)
Pyrene	1.1	0.79	ND(0.37)	NA	0.53
<b>Organochlorine Pesticides</b>					
4,4'-DDD	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA
<b>Organophosphate Pesticides</b>					
None Detected	NA	NA	NA	NA	NA
<b>Herbicides</b>					
None Detected	NA	NA	NA	NA	NA
<b>Furans</b>					
2,3,7,8-TCDF	0.000010 Y	ND(0.0000071)	ND(0.00000095)	NA	0.0000058 YQ
TCDFs (total)	0.00014	0.000044 I	ND(0.00000095)	NA	0.000075
1,2,3,7,8-PeCDF	0.0000042 J	ND(0.00000094)	ND(0.00000014)	NA	0.0000029 J
2,3,4,7,8-PeCDF	0.000010	ND(0.0000011)	ND(0.00000016)	NA	0.0000065
PeCDFs (total)	0.00013	0.000071 I	ND(0.00000016)	NA	0.000072 Q
1,2,3,4,7,8-HxCDF	0.0000086	ND(0.00000087)	0.0000020	NA	0.0000038 J
1,2,3,6,7,8-HxCDF	0.0000065	ND(0.00000085)	0.0000021	NA	0.0000031 J
1,2,3,7,8,9-HxCDF	0.0000013 J	ND(0.0000014)	0.0000028	NA	0.0000010 J
2,3,4,6,7,8-HxCDF	0.000011	ND(0.00000086)	ND(0.00000015)	NA	0.0000059
HxCDFs (total)	0.00018	0.000043 I	0.0000064	NA	0.000084
1,2,3,4,6,7,8-HpCDF	0.00012	ND(0.0000053) X	0.0000028	NA	0.000028
1,2,3,4,7,8,9-HpCDF	0.0000024 J	ND(0.0000021)	0.0000022	NA	0.0000014 J
HpCDFs (total)	0.00019	ND(0.0000021)	0.0000044	NA	0.000050
OCDF	0.000070	ND(0.0000074)	ND(0.00000074)	NA	0.000019

**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Date Collected:	RAA10-W-Q15 0-1 03/26/04	RAA10-W-R13 0-1 03/10/04	RAA10-W-R13 6-15 03/10/04	RAA10-W-R13 14-15 03/10/04	RAA10-W-R15 0-1 03/26/04
<b>Dioxins</b>					
2,3,7,8-TCDD	0.00000034 J	ND(0.00000089)	ND(0.00000011)	NA	ND(0.00000038)
TCDDs (total)	0.0000018	ND(0.00000089)	ND(0.00000011)	NA	ND(0.00000053)
1,2,3,7,8-PeCDD	ND(0.0000013) X	ND(0.0000030)	ND(0.0000028)	NA	ND(0.0000062) X
PeCDDs (total)	0.000010	ND(0.0000030)	ND(0.0000028)	NA	0.0000045
1,2,3,4,7,8-HxCDD	0.0000027 J	ND(0.0000014)	ND(0.00000014)	NA	0.00000055 J
1,2,3,6,7,8-HxCDD	0.0000038 J	ND(0.0000013)	ND(0.00000013)	NA	0.0000014 J
1,2,3,7,8,9-HxCDD	0.0000038 J	ND(0.0000013)	ND(0.00000014)	NA	0.00000094 J
HxCDDs (total)	0.000043	ND(0.0000014)	ND(0.00000014)	NA	0.000012
1,2,3,4,6,7,8-HpCDD	0.000061	0.000036	ND(0.00000020)	NA	0.000015
HpCDDs (total)	0.00011	0.000036	ND(0.00000020)	NA	0.000030
OCDD	0.00044	0.000043	0.0000062	NA	0.00011
Total TEQs (WHO TEFs)	0.000013	0.0000031	0.0000010	NA	0.0000066
<b>Inorganics</b>					
Antimony	ND(6.00)	0.940 B	ND(6.00)	NA	ND(6.00)
Arsenic	12.0	3.80	2.70	NA	5.00
Barium	57.0	63.0	27.0	NA	32.0
Beryllium	0.310 B	0.220 B	0.150 B	NA	0.240 B
Cadmium	0.450 B	0.470 B	0.360 B	NA	0.320 B
Chromium	11.0	7.00	5.20	NA	7.30
Cobalt	8.10	7.80	5.10	NA	6.50
Copper	21.0	14.0	9.10	NA	14.0
Cyanide	0.140	ND(0.100)	ND(0.560)	NA	0.110 B
Lead	68.0	8.10	4.30	NA	25.0
Mercury	0.0680 B	ND(0.100)	ND(0.110)	NA	0.0570 B
Nickel	15.0	12.0	8.80	NA	12.0
Selenium	1.80	ND(1.00)	ND(1.00)	NA	1.40
Silver	0.150 B	0.440 B	ND(1.00)	NA	ND(1.00)
Sulfide	ND(6.20)	ND(5.20)	8.90	NA	260
Thallium	1.20 B	ND(1.00)	ND(1.10)	NA	ND(1.20)
Tin	4.00 B	3.00 B	2.30 B	NA	3.40 B
Vanadium	18.0	9.90	4.30 B	NA	9.90
Zinc	80.0	34.0	31.0	NA	56.0

**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Date Collected:	RAA10-W-R15 1-3 03/26/04	RAA10-W-R15 3-6 03/26/04	RAA10-W-R15 4-6 03/26/04	RAA10-W-R15 6-15 03/26/04	RAA10-W-R15 14-15 03/26/04
<b>Parameter</b>					
<b>Volatile Organics</b>					
Acetone	ND(0.024)	NA	ND(0.022)	NA	ND(0.023)
Benzene	ND(0.0059)	NA	ND(0.0056)	NA	ND(0.0058)
<b>Semivolatile Organics</b>					
2,4-Dimethylphenol	ND(0.47)	ND(0.38)	NA	ND(0.38)	NA
2-Chloronaphthalene	ND(0.47)	ND(0.38)	NA	ND(0.38)	NA
2-Methylnaphthalene	ND(0.47)	ND(0.38)	NA	ND(0.38)	NA
2-Methylphenol	3.0	2.0	NA	ND(0.38)	NA
3&4-Methylphenol	1.6	1.2	NA	ND(0.78)	NA
Acenaphthene	ND(0.47)	ND(0.38)	NA	ND(0.38)	NA
Acenaphthylene	ND(0.47)	ND(0.38)	NA	ND(0.38)	NA
Aniline	ND(0.47)	ND(0.38)	NA	ND(0.38)	NA
Anthracene	ND(0.47)	ND(0.38)	NA	ND(0.38)	NA
Benzo(a)anthracene	ND(0.47)	ND(0.38)	NA	ND(0.38)	NA
Benzo(a)pyrene	ND(0.47)	ND(0.38)	NA	ND(0.38)	NA
Benzo(b)fluoranthene	ND(0.47)	ND(0.38)	NA	ND(0.38)	NA
Benzo(g,h,i)perylene	ND(0.47)	ND(0.38)	NA	ND(0.38)	NA
Benzo(k)fluoranthene	ND(0.47)	ND(0.38)	NA	ND(0.38)	NA
Benzyl Alcohol	ND(0.95)	ND(0.76)	NA	ND(0.78)	NA
bis(2-Ethylhexyl)phthalate	ND(0.39)	ND(0.38)	NA	ND(0.38)	NA
Chrysene	ND(0.47)	ND(0.38)	NA	ND(0.38)	NA
Dibenzo(a,h)anthracene	ND(0.47)	ND(0.38)	NA	ND(0.38)	NA
Dibenzofuran	ND(0.47)	ND(0.38)	NA	ND(0.38)	NA
Di-n-Butylphthalate	ND(0.47)	ND(0.38)	NA	ND(0.38)	NA
Diphenylamine	ND(0.47)	ND(0.38)	NA	ND(0.38)	NA
Fluoranthene	ND(0.47)	ND(0.38)	NA	ND(0.38)	NA
Fluorene	ND(0.47)	ND(0.38)	NA	ND(0.38)	NA
Indeno(1,2,3-cd)pyrene	ND(0.47)	ND(0.38)	NA	ND(0.38)	NA
Naphthalene	ND(0.47)	ND(0.38)	NA	ND(0.38)	NA
Phenanthrene	ND(0.47)	ND(0.38)	NA	ND(0.38)	NA
Phenol	ND(0.47)	ND(0.38)	NA	ND(0.38)	NA
Pyrene	ND(0.47)	ND(0.38)	NA	ND(0.38)	NA
<b>Organochlorine Pesticides</b>					
4,4'-DDD	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA
<b>Organophosphate Pesticides</b>					
None Detected	NA	NA	NA	NA	NA
<b>Herbicides</b>					
None Detected	NA	NA	NA	NA	NA
<b>Furans</b>					
2,3,7,8-TCDF	0.00000087 J	0.00000043 J	NA	0.00000038 J	NA
TCDFs (total)	0.0000048	0.0000043	NA	0.0000038	NA
1,2,3,7,8-PeCDF	0.00000034 J	0.00000019 J	NA	ND(0.0000017) X	NA
2,3,4,7,8-PeCDF	0.00000057 J	0.00000014 J	NA	ND(0.0000015) X	NA
PeCDFs (total)	0.0000038	0.0000032	NA	ND(0.0000054)	NA
1,2,3,4,7,8-HxCDF	0.00000037 J	ND(0.00000056)	NA	ND(0.0000054)	NA
1,2,3,6,7,8-HxCDF	0.00000039 J	ND(0.00000056)	NA	ND(0.0000054)	NA
1,2,3,7,8,9-HxCDF	0.00000021 J	ND(0.00000056)	NA	ND(0.0000054)	NA
2,3,4,6,7,8-HxCDF	0.00000044 J	ND(0.00000056)	NA	ND(0.0000054)	NA
HxCDFs (total)	0.0000037	ND(0.0000056)	NA	ND(0.0000054)	NA
1,2,3,4,6,7,8-HpCDF	0.0000016 J	0.00000026 J	NA	0.0000023 J	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000059)	ND(0.00000056)	NA	ND(0.0000054)	NA
HpCDFs (total)	0.0000016	0.0000026	NA	0.0000023	NA
OCDF	0.0000012 J	ND(0.0000011)	NA	ND(0.0000011)	NA

**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Date Collected:	RAA10-W-R15 1-3 03/26/04	RAA10-W-R15 3-6 03/26/04	RAA10-W-R15 4-6 03/26/04	RAA10-W-R15 6-15 03/26/04	RAA10-W-R15 14-15 03/26/04
<b>Dioxins</b>					
2,3,7,8-TCDD	ND(0.00000027)	ND(0.00000031)	NA	ND(0.00000028)	NA
TCDDs (total)	ND(0.00000060)	ND(0.00000066)	NA	ND(0.00000061)	NA
1,2,3,7,8-PeCDD	ND(0.00000059)	ND(0.00000056)	NA	ND(0.00000054)	NA
PeCDDs (total)	ND(0.00000094)	ND(0.0000011)	NA	ND(0.00000082)	NA
1,2,3,4,7,8-HxCDD	ND(0.00000059)	ND(0.00000056)	NA	ND(0.00000054)	NA
1,2,3,6,7,8-HxCDD	ND(0.00000059)	ND(0.00000056)	NA	ND(0.00000054)	NA
1,2,3,7,8,9-HxCDD	ND(0.00000059)	ND(0.00000056)	NA	ND(0.00000054)	NA
HxCDDs (total)	ND(0.00000059)	ND(0.00000091)	NA	ND(0.00000054)	NA
1,2,3,4,6,7,8-HpCDD	0.0000011 J	ND(0.00000056)	NA	ND(0.00000042) X	NA
HpCDDs (total)	0.0000019	ND(0.00000056)	NA	ND(0.00000054)	NA
OCDD	0.0000062 J	0.0000015 J	NA	0.0000019 J	NA
Total TEQs (WHO TEFs)	0.0000011	0.00000076	NA	0.00000069	NA
<b>Inorganics</b>					
Antimony	ND(6.00)	ND(6.00)	NA	ND(6.00)	NA
Arsenic	8.70	4.90	NA	3.00	NA
Barium	30.0	20.0	NA	20.0	NA
Beryllium	0.410 B	0.290 B	NA	0.160 B	NA
Cadmium	0.340 B	0.180 B	NA	0.250 B	NA
Chromium	7.40	6.20	NA	5.40	NA
Cobalt	14.0	7.40	NA	5.80	NA
Copper	8.90	11.0	NA	12.0	NA
Cyanide	0.0720 B	0.0330 B	NA	ND(0.230)	NA
Lead	8.70	6.20	NA	4.60	NA
Mercury	0.0300 B	0.0110 B	NA	ND(0.120)	NA
Nickel	23.0	13.0	NA	11.0	NA
Selenium	2.20	1.30	NA	0.890 B	NA
Silver	0.210 B	ND(1.00)	NA	0.160 B	NA
Sulfide	ND(5.90)	ND(5.70)	NA	ND(5.80)	NA
Thallium	ND(1.20)	ND(1.10)	NA	ND(1.20)	NA
Tin	3.10 B	2.10 B	NA	2.30 B	NA
Vanadium	11.0	6.50	NA	5.50	NA
Zinc	150	49.0	NA	38.0	NA

**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID: Sample Depth(Feet): Date Collected:	RAA10-W-S11 0-1 03/10/04	RAA10-W-S11 1-6 03/10/04	RAA10-W-S11 4-6 03/10/04	RAA10-W-S11 6-15 03/10/04	RAA10-W-S11 14-15 03/10/04
<b>Parameter</b>					
<b>Volatile Organics</b>					
Acetone	ND(0.022)	NA	ND(0.021)	NA	ND(0.022)
Benzene	ND(0.0054)	NA	ND(0.0053)	NA	ND(0.0054)
<b>Semivolatile Organics</b>					
2,4-Dimethylphenol	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
2-Chloronaphthalene	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
2-Methylnaphthalene	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
2-Methylphenol	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
3&4-Methylphenol	ND(0.72)	ND(0.71)	NA	ND(0.71)	NA
Acenaphthene	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
Acenaphthylene	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
Aniline	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
Anthracene	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
Benzo(a)anthracene	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
Benzo(a)pyrene	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
Benzo(b)fluoranthene	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
Benzo(g,h,i)perylene	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
Benzo(k)fluoranthene	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
Benzyl Alcohol	ND(0.72)	ND(0.71)	NA	ND(0.71)	NA
bis(2-Ethylhexyl)phthalate	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
Chrysene	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
Dibenzo(a,h)anthracene	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
Dibenzofuran	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
Di-n-Butylphthalate	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
Diphenylamine	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
Fluoranthene	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
Fluorene	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
Indeno(1,2,3-cd)pyrene	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
Naphthalene	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
Phenanthrene	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
Phenol	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
Pyrene	ND(0.36)	ND(0.35)	NA	ND(0.35)	NA
<b>Organochlorine Pesticides</b>					
4,4'-DDD	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA
<b>Organophosphate Pesticides</b>					
None Detected	NA	NA	NA	NA	NA
<b>Herbicides</b>					
None Detected	NA	NA	NA	NA	NA
<b>Furans</b>					
2,3,7,8-TCDF	ND(0.0000011)	ND(0.0000026)	NA	ND(0.0000010)	NA
TCDFs (total)	0.0000087 I	ND(0.0000026)	NA	ND(0.0000010)	NA
1,2,3,7,8-PeCDF	0.0000027	ND(0.0000029)	NA	ND(0.0000015)	NA
2,3,4,7,8-PeCDF	ND(0.0000020)	ND(0.0000032)	NA	ND(0.0000020)	NA
PeCDFs (total)	0.000013 I	0.0000061	NA	ND(0.0000020)	NA
1,2,3,4,7,8-HxCDF	0.0000050	ND(0.0000032)	NA	0.0000044	NA
1,2,3,6,7,8-HxCDF	0.0000054	ND(0.0000031)	NA	ND(0.0000028) X	NA
1,2,3,7,8,9-HxCDF	0.0000042	ND(0.0000044)	NA	0.0000047	NA
2,3,4,6,7,8-HxCDF	0.0000028	ND(0.0000035)	NA	0.0000041	NA
HxCDFs (total)	0.000019	ND(0.0000044)	NA	0.0000079	NA
1,2,3,4,6,7,8-HpCDF	ND(0.0000054) X	ND(0.0000034)	NA	0.0000050	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000040)	ND(0.0000055)	NA	ND(0.0000044)	NA
HpCDFs (total)	ND(0.0000040)	ND(0.0000055)	NA	0.0000058	NA
OCDF	ND(0.0000010)	ND(0.0000016)	NA	ND(0.0000019)	NA



**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	RAA10-W-S11 0-1 03/10/04	RAA10-W-S11 1-6 03/10/04	RAA10-W-S11 4-6 03/10/04	RAA10-W-S11 6-15 03/10/04	RAA10-W-S11 14-15 03/10/04
<b>Dioxins</b>						
2,3,7,8-TCDD		ND(0.000000095)	ND(0.00000030)	NA	ND(0.000000094)	NA
TCDDs (total)		ND(0.000000095)	ND(0.00000030)	NA	ND(0.000000094)	NA
1,2,3,7,8-PeCDD		0.0000021	ND(0.0000011)	NA	ND(0.00000042)	NA
PeCDDs (total)		0.0000023	ND(0.0000011)	NA	ND(0.00000042)	NA
1,2,3,4,7,8-HxCDD		ND(0.0000049) X	ND(0.00000052)	NA	0.0000032	NA
1,2,3,6,7,8-HxCDD		0.0000052	ND(0.00000046)	NA	0.0000056	NA
1,2,3,7,8,9-HxCDD		0.0000023	ND(0.00000048)	NA	0.0000035	NA
HxCDDs (total)		0.0000072	ND(0.00000052)	NA	0.000012	NA
1,2,3,4,6,7,8-HpCDD		ND(0.00000047)	ND(0.00000082)	NA	ND(0.00000053)	NA
HpCDDs (total)		ND(0.00000047)	ND(0.00000082)	NA	ND(0.00000053)	NA
OCDD		ND(0.0000099) X	ND(0.0000015)	NA	ND(0.0000014)	NA
Total TEQs (WHO TEFs)		0.0000051	0.00000095	NA	0.0000031	NA
<b>Inorganics</b>						
Antimony		ND(6.00)	ND(6.00)	NA	ND(6.00)	NA
Arsenic		3.70	3.50	NA	3.80	NA
Barium		84.0	16.0 B	NA	14.0 B	NA
Beryllium		0.270 B	0.160 B	NA	0.120 B	NA
Cadmium		0.450 B	0.250 B	NA	0.250 B	NA
Chromium		7.50	6.10	NA	3.80	NA
Cobalt		21.0	5.30	NA	4.10 B	NA
Copper		15.0	10.0	NA	7.80	NA
Cyanide		ND(0.110)	0.0220 B	NA	ND(0.530)	NA
Lead		7.40	5.10	NA	3.90	NA
Mercury		0.00850 B	ND(0.100)	NA	ND(0.110)	NA
Nickel		14.0	9.00	NA	6.90	NA
Selenium		ND(1.00)	ND(1.00)	NA	ND(1.00)	NA
Silver		0.250 B	ND(1.00)	NA	ND(1.00)	NA
Sulfide		5.20 B	6.80	NA	10.0	NA
Thallium		ND(1.10)	ND(1.00)	NA	ND(1.10)	NA
Tin		2.50 B	2.20 B	NA	2.10 B	NA
Vanadium		8.40	6.30	NA	3.30 B	NA
Zinc		44.0	29.0	NA	23.0	NA

**TABLE 7-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004**

**PRE-DESIGN SOIL INVESTIGATION SAMPLING  
UNKAMET BROOK AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of Appendix IX+3 constituents.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
5. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.
6. -- Indicates that all constituents for the parameter group were not detected.
7. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, pesticides, herbicides, dioxin/furans)

- B - Analyte was also detected in the associated method blank.
- J - Indicates an estimated value less than the practical quantitation limit (PQL).
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- X - Estimated maximum possible concentration.
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

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

**ITEM 8  
FORMER OXBOW AREAS A & C  
(GECD410)  
APRIL 2004**

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

**a. Activities Undertaken/Completed**

Received owner's signed access agreement for sampling and remediation at Parcel I8-23-5 (April 26, 2004).

**b. Sampling/Test Results Received**

None

**c. Work Plans/Reports/Documents Submitted**

None

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

- Conduct soil sampling at Parcel I8-23-5.
- Submit Supplemental Pre-Design Investigation Report (due by May 20, 2004).

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

**f. Proposed/Approved Work Plan Modifications**

None

**ITEM 9  
LYMAN STREET AREA  
(GEC430)  
APRIL 2004**

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

**a. Activities Undertaken/Completed**

Provided sampling data for area in which owner of Parcel I9-4-25 plans to install sign. Owner was advised that GE believes soil meets residential cleanup standards under the Consent Decree, but suggests he should contact EPA and/or MDEP for their views (April 26, 2004).

**b. Sampling/Test Results Received**

None

**c. Work Plans/Reports/Documents Submitted**

None

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

Discuss Conceptual RD/RA Work Plan (submitted on March 23, 2004) with EPA.

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

To be discussed with EPA.

**f. Proposed/Approved Work Plan Modifications**

None

**ITEM 10  
NEWELL STREET AREA I  
(GEC440)  
APRIL 2004**

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

**a. Activities Undertaken/Completed**

- Continued remediation/restoration activities at Parcels J9-23-16, -17, and -18.
- Mailed remediation/restoration access agreement to owner of Parcel J9-23-22 for signature (April 28, 2004).
- GE and EPA met with owner of Parcels J9-23-19, -20, and -21 to discuss certain property improvements GE would provide in exchange for access permission and a release from legal claims (April 7, 2004). Final request for remediation access mailed to owner April 26, 2004 advising that, if access is not granted by May 10, 2004, matter will be referred to EPA/MDEP.

**b. Sampling/Test Results Received**

None

**c. Work Plans/Reports/Documents Submitted**

None

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

- Continue discussions regarding access for remediation with non-GE property owners from whom access permission has not been obtained to date.
- Discuss draft EREs for GE-owned properties with EPA and MDEP and work on obtaining subordination agreements for easements at those properties.
- Complete remaining remediation/restoration activities at Parcels J9-23-16, -17, and -18.
- Initiate remediation activities at Parcels J9-23-22, -23, and -24 following receipt of owners' signed agreements.
- Submit final executed ERE and associated documentation for Parcel J9-23-24 following completion of remediation at that property.

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

GE will continue discussions with remaining non-GE property owners regarding access for remediation.

**ITEM 10  
(cont'd)  
NEWELL STREET AREA I  
(GEC440)  
APRIL 2004**

**f. Proposed/Approved Work Plan Modifications**

None

**ITEM 11  
NEWELL STREET AREA II  
(GEC450)  
APRIL 2004**

**a. Activities Undertaken/Completed**

Conducted miscellaneous oil sampling as identified in Table 11-1.

**b. Sampling/Test Results Received**

See attached tables.

**c. Work Plans/Reports/Documents Submitted**

None

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

Continue development of Conceptual RD/RA Work Plan (due by July 16, 2004).\*

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

**f. Proposed/Approved Work Plan Modifications**

None

**TABLE 11-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**NEWELL STREET AREA II  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Depth (feet)</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Newell St. Trailer Oil Sampling	NEWELLST-OIL-1	4/23/04	NA	Oil	CT&E	PCB, VOC, SVOC, Total RCRA Metals, Flashpoint	
Newell Street Trailer Sampling	78-NST-OIL-C1	3/29/04	NA	Oil	CT&E	PCB, VOC, SVOC, Total RCRA Metals, Flashpoint	4/7/04
Supplemental RDR Sampling	DUP-032404-1 (J9-23-8-SB-6)	3/24/04	1-3	Soil	CT&E	PCDD/PCDF	4/15/04
Supplemental RDR Sampling	DUP-032404-2 (RAA13-E92)	3/24/04	1-3	Soil	CT&E	Lead	4/15/04
Supplemental RDR Sampling	DUP-032404-3 (NS-29A)	3/24/04	10-15	Soil	CT&E	PCB	4/1/04
Supplemental RDR Sampling	J9-23-3-SB-3	3/25/04	1-3	Soil	CT&E	PCDD/PCDF	4/12/04
Supplemental RDR Sampling	J9-23-3-SB-4	3/25/04	1-3	Soil	CT&E	PCDD/PCDF	4/12/04
Supplemental RDR Sampling	J9-23-6-SB-2	3/24/04	1-3	Soil	CT&E	Lead	4/15/04
Supplemental RDR Sampling	J9-23-6-SB-2	3/24/04	0-1	Soil	CT&E	Lead, PCDD/PCDF	4/15/04
Supplemental RDR Sampling	J9-23-6-SB-3	3/25/04	0-1	Soil	CT&E	Lead, PCDD/PCDF	4/12/04
Supplemental RDR Sampling	J9-23-6-SB-3	3/25/04	1-3	Soil	CT&E	Lead, PCDD/PCDF	4/12/04
Supplemental RDR Sampling	J9-23-6-SS-1	3/24/04	0-1	Soil	CT&E	PCDD/PCDF	4/15/04
Supplemental RDR Sampling	J9-23-8-SB-4	3/24/04	1-3	Soil	CT&E	PCDD/PCDF	4/15/04
Supplemental RDR Sampling	J9-23-8-SB-5	3/24/04	1-3	Soil	CT&E	PCDD/PCDF	4/15/04
Supplemental RDR Sampling	J9-23-8-SB-6	3/24/04	1-3	Soil	CT&E	PCDD/PCDF	4/15/04
Supplemental RDR Sampling	J9-23-8-SB-7	3/24/04	1-3	Soil	CT&E	PCDD/PCDF	4/15/04
Supplemental RDR Sampling	J9-23-8-SB-8	3/24/04	0-1	Soil	CT&E	Lead, PCDD/PCDF	4/15/04
Supplemental RDR Sampling	J9-23-8-SB-8	3/24/04	1-3	Soil	CT&E	Lead, PCDD/PCDF	4/15/04
Supplemental RDR Sampling	J9-23-8-SB-9	3/24/04	1-3	Soil	CT&E	PCDD/PCDF	4/15/04
Supplemental RDR Sampling	NS-29A	3/24/04	0-1	Soil	CT&E	PCB	4/1/04
Supplemental RDR Sampling	NS-29A	3/24/04	1-3	Soil	CT&E	PCB	4/1/04
Supplemental RDR Sampling	NS-29A	3/24/04	10-15	Soil	CT&E	PCB	4/1/04
Supplemental RDR Sampling	NS-29A	3/24/04	3-6	Soil	CT&E	PCB	4/1/04
Supplemental RDR Sampling	NS-29A	3/24/04	6-10	Soil	CT&E	PCB	4/1/04
Supplemental RDR Sampling	RAA13-1	3/25/04	6-10	Soil	CT&E	PCB	4/1/04
Supplemental RDR Sampling	RAA13-E92	3/24/04	1-3	Soil	CT&E	Lead, PCDD/PCDF	4/15/04

Notes:

1. Field duplicate sample locations are presented in parenthesis.



**TABLE 11-2  
PCB DATA RECEIVED DURING APRIL 2004**

**SUPPLEMENTAL RDRA SAMPLING  
NEWELL STREET AREA II  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

<b>Sample ID</b>	<b>Depth(Feet)</b>	<b>Date Collected</b>	<b>Aroclor-1016, -1221, -1232, -1242, -1248</b>	<b>Aroclor-1254</b>	<b>Aroclor-1260</b>	<b>Total PCBs</b>
NS-29A	0-1	3/24/2004	ND(3.9)	34	ND(3.9)	34
	1-3	3/24/2004	ND(0.036)	0.55	ND(0.036)	0.55
	3-6	3/24/2004	ND(0.052)	0.069	ND(0.052)	0.069
	6-10	3/24/2004	ND(0.066)	0.12	ND(0.066)	0.12
	10-15	3/24/2004	ND(0.039) [ND(0.039)]	0.41 [0.34]	ND(0.039) [ND(0.039)]	0.41 [0.34]
RAA13-1	6-10	3/25/2004	ND(0.047)	0.11	ND(0.047)	0.11

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Field duplicate sample results are presented in brackets.

**TABLE 11-3  
DATA RECEIVED DURING APRIL 2004**

**SUPPLEMENTAL RDRA SAMPLING  
NEWELL STREET AREA II  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	J9-23-3-SB-3 1-3 03/25/04	J9-23-3-SB-4 1-3 03/25/04	J9-23-6-SB-2 0-1 03/24/04	J9-23-6-SB-2 1-3 03/24/04
<b>Furans</b>					
2,3,7,8-TCDF		ND(0.00000075) X	0.000013 Y	0.000042 Y	NA
TCDFs (total)		0.0000011	0.00015	0.00042 I	NA
1,2,3,7,8-PeCDF		ND(0.00000058)	0.000013	0.000026	NA
2,3,4,7,8-PeCDF		ND(0.00000058)	0.000018	0.000040	NA
PeCDFs (total)		0.0000012	0.00018 I	0.00045 I	NA
1,2,3,4,7,8-HxCDF		0.00000051 J	0.000041	0.000045	NA
1,2,3,6,7,8-HxCDF		0.00000039 J	0.000022	0.000026	NA
1,2,3,7,8,9-HxCDF		ND(0.00000059)	0.0000063	0.0000085	NA
2,3,4,6,7,8-HxCDF		ND(0.00000058)	0.000013	0.000031	NA
HxCDFs (total)		0.00000090	0.00025	0.00052	NA
1,2,3,4,6,7,8-HpCDF		0.00000076 J	0.000050	0.000066	NA
1,2,3,4,7,8,9-HpCDF		ND(0.00000058)	0.000011	0.000012	NA
HpCDFs (total)		0.0000011	0.00010	0.00016	NA
OCDF		0.00000071 J	0.000036	0.000055	NA
<b>Dioxins</b>					
2,3,7,8-TCDD		ND(0.00000034)	ND(0.00000051) X	0.000079	NA
TCDDs (total)		ND(0.00000034)	ND(0.00000051)	0.000092	NA
1,2,3,7,8-PeCDD		ND(0.00000060)	ND(0.0000012) X	ND(0.0000033) X	NA
PeCDDs (total)		ND(0.00000072)	0.0000023	0.000020 Q	NA
1,2,3,4,7,8-HxCDD		ND(0.00000065)	ND(0.00000046) X	0.0000027 J	NA
1,2,3,6,7,8-HxCDD		ND(0.00000058)	ND(0.00000069) X	0.0000039 J	NA
1,2,3,7,8,9-HxCDD		ND(0.00000063)	0.00000078 J	0.0000040 J	NA
HxCDDs (total)		ND(0.00000062)	0.0000041	0.000036	NA
1,2,3,4,6,7,8-HpCDD		0.00000066 J	0.0000041 J	0.000029	NA
HpCDDs (total)		0.0000013	0.0000080	0.000071	NA
OCDD		0.00000074 J	0.000020	0.00018	NA
Total TEQs (WHO TEFs)		0.00000093	0.000021	0.00012	NA
<b>Inorganics</b>					
Lead		NA	NA	35.0	20.0

**TABLE 11-3  
DATA RECEIVED DURING APRIL 2004**

**SUPPLEMENTAL RDRA SAMPLING  
NEWELL STREET AREA II  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	J9-23-6-SB-3 0-1 03/25/04	J9-23-6-SB-3 1-3 03/25/04	J9-23-6-SS-1 0-1 03/24/04	J9-23-8-SB-4 1-3 03/24/04
<b>Furans</b>					
2,3,7,8-TCDF		0.000035 Y	0.000016 Y	0.000045 Y	0.00053 Y
TCDFs (total)		0.00045	0.00030	0.00049 Q	0.0070 Q
1,2,3,7,8-PeCDF		0.000013	0.0000042 J	0.000037	0.00037
2,3,4,7,8-PeCDF		0.000038	0.000015	0.000035	0.00085
PeCDFs (total)		0.00038 I	0.00024 I	0.00044 I	0.0064 I
1,2,3,4,7,8-HxCDF		0.000024	0.000014	0.000054	0.0014
1,2,3,6,7,8-HxCDF		0.000015	0.0000075	0.000031	0.00081 I
1,2,3,7,8,9-HxCDF		0.0000044 J	0.0000018 J	0.0000086	0.00021 Q
2,3,4,6,7,8-HxCDF		0.000019	0.0000093	0.000022	0.00074
HxCDFs (total)		0.00029	0.00016	0.00040	0.014 I
1,2,3,4,6,7,8-HpCDF		0.000060	0.000029	0.000075	0.0028 E
1,2,3,4,7,8,9-HpCDF		0.0000055 J	0.0000031 J	0.000013	0.00050
HpCDFs (total)		0.00015	0.000070	0.00014	0.0062
OCDF		0.000099	0.000045	0.000054	0.0021
<b>Dioxins</b>					
2,3,7,8-TCDD		0.000081	0.00037	0.0000011 J	0.000022
TCDDs (total)		0.000085	0.00039	0.0000071	0.00021
1,2,3,7,8-PeCDD		ND(0.0000040) X	ND(0.0000020) X	ND(0.0000055) X	ND(0.000039) X
PeCDDs (total)		0.000016	0.000012	0.000010	0.00044 Q
1,2,3,4,7,8-HxCDD		0.0000021 J	ND(0.00000091) X	0.0000026 J	0.000045
1,2,3,6,7,8-HxCDD		0.0000068	0.0000020 J	0.0000031 J	0.000047
1,2,3,7,8,9-HxCDD		0.0000052 J	0.0000016 J	0.0000031 J	0.000082
HxCDDs (total)		0.000059	0.000020	0.000026	0.00081
1,2,3,4,6,7,8-HpCDD		0.000077	0.000020	0.000014	0.00032
HpCDDs (total)		0.00014	0.000035	0.000027	0.00065
OCDD		0.00041	0.000094	0.000066	0.0015
Total TEQs (WHO TEFs)		0.00012	0.00038	0.000041	0.00091
<b>Inorganics</b>					
Lead		220	26.0	NA	NA

**TABLE 11-3  
DATA RECEIVED DURING APRIL 2004**

**SUPPLEMENTAL RDRA SAMPLING  
NEWELL STREET AREA II  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	J9-23-8-SB-5 1-3 03/24/04	J9-23-8-SB-6 1-3 03/24/04	J9-23-8-SB-7 1-3 03/24/04	J9-23-8-SB-8 0-1 03/24/04
<b>Furans</b>					
2,3,7,8-TCDF		0.00084 Y	0.0038 YE [0.0046 YE]	0.013 YE	0.000084 Y
TCDFs (total)		0.0084 Q	0.042 I [0.067 I]	0.14 I	0.00060
1,2,3,7,8-PeCDF		0.00079	0.0036 E [0.0060]	0.0084	0.000023
2,3,4,7,8-PeCDF		0.0013	0.0049 E [0.0080]	0.012	0.000039
PeCDFs (total)		0.011 I	0.046 I [0.074 I]	0.11 I	0.00065 I
1,2,3,4,7,8-HxCDF		0.0039 E	0.012 E [0.029 I]	0.028	0.000053
1,2,3,6,7,8-HxCDF		0.0020 I	0.0057 E [0.012 I]	0.012	0.000032
1,2,3,7,8,9-HxCDF		0.00070 Q	0.0012 [0.0038]	0.0025	0.0000094 Q
2,3,4,6,7,8-HxCDF		0.00084	0.0023 [0.0046]	0.0064	0.000031
HxCDFs (total)		0.013 I	0.044 I [0.096 I]	0.11	0.00066 I
1,2,3,4,6,7,8-HpCDF		0.0023 E	0.011 E [0.030]	0.043	0.000093
1,2,3,4,7,8,9-HpCDF		0.0010	0.0025 E [0.013]	0.0047	0.000017
HpCDFs (total)		0.0046 I	0.017 I [0.059]	0.057	0.00021
OCDF		0.0026 I	0.016 E [0.10 EI]	0.049	0.000081
<b>Dioxins</b>					
2,3,7,8-TCDD		0.0000077	0.000033 [0.000038]	0.000060	0.000028
TCDDs (total)		0.00013	0.00078 [0.0011 Q]	0.0019	0.000048
1,2,3,7,8-PeCDD		ND(0.000019) X	ND(0.00013) X [0.00019]	0.00026	ND(0.0000091) X
PeCDDs (total)		0.00017 Q	0.0012 Q [0.0021 Q]	0.0032 Q	0.000036 Q
1,2,3,4,7,8-HxCDD		0.000017	0.000092 [0.00023]	0.00023	0.000013
1,2,3,6,7,8-HxCDD		0.000026	0.00014 [0.00026]	0.00035	0.000010
1,2,3,7,8,9-HxCDD		0.000022	0.00012 [0.00019]	0.00027	0.000012
HxCDDs (total)		0.00034	0.0019 [0.0030]	0.0049	0.000088
1,2,3,4,6,7,8-HpCDD		0.00018	0.00085 [0.0016]	0.0025	0.000047
HpCDDs (total)		0.00039	0.0017 [0.0030]	0.0051	0.000096
OCDD		0.00068	0.0020 [0.0037]	0.0072	0.00043
Total TEQs (WHO TEFs)		0.0016	0.0054 [0.010]	0.014	0.000079
<b>Inorganics</b>					
Lead		NA	NA	NA	1000

**TABLE 11-3  
DATA RECEIVED DURING APRIL 2004**

**SUPPLEMENTAL RDRA SAMPLING  
NEWELL STREET AREA II  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	J9-23-8-SB-8 1-3 03/24/04	J9-23-8-SB-9 1-3 03/24/04	RAA13-E92 1-3 03/24/04
<b>Furans</b>				
2,3,7,8-TCDF		0.000023 YQ	0.000014 Y	0.00028 Y
TCDFs (total)		0.00020 I	0.00015 I	0.016 I
1,2,3,7,8-PeCDF		0.000013	0.000015	0.00020
2,3,4,7,8-PeCDF		0.000018	0.000026	0.0017 Q
PeCDFs (total)		0.00020 I	0.00048 I	0.0093 I
1,2,3,4,7,8-HxCDF		0.000023	0.000027	0.0010 I
1,2,3,6,7,8-HxCDF		0.000014	0.000026	0.00084
1,2,3,7,8,9-HxCDF		0.0000052 J	0.0000076	0.00021 Q
2,3,4,6,7,8-HxCDF		0.000014	0.000044	0.0019
HxCDFs (total)		0.00020	0.00083	0.031 I
1,2,3,4,6,7,8-HpCDF		0.000031	0.000088	0.0019
1,2,3,4,7,8,9-HpCDF		0.0000062	0.000011	0.00029
HpCDFs (total)		0.000062	0.00022	0.0068
OCDF		0.000031	0.000053	0.00069
<b>Dioxins</b>				
2,3,7,8-TCDD		0.0000098	0.0000027	0.0000040
TCDDs (total)		0.000013	0.000020	0.00033 Q
1,2,3,7,8-PeCDD		ND(0.0000043) X	0.0000045 J	0.000055 Q
PeCDDs (total)		0.0000096 Q	0.000028 Q	0.00046 Q
1,2,3,4,7,8-HxCDD		0.0000031 J	0.0000044 J	0.000059
1,2,3,6,7,8-HxCDD		0.0000034 J	0.0000044 J	0.00017
1,2,3,7,8,9-HxCDD		0.0000038 J	0.0000044 J	0.00010
HxCDDs (total)		0.000028	0.000042	0.0012
1,2,3,4,6,7,8-HpCDD		0.000012	0.000017	0.00034
HpCDDs (total)		0.000024	0.000031	0.00074
OCDD		0.000083	0.00012	0.0012
Total TEQs (WHO TEFs)		0.000031	0.000035	0.0014
<b>Inorganics</b>				
Lead		290	NA	200 [130]

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of dioxin/furans and lead.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
5. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (dioxin/furans)

- E - Analyte exceeded calibration range.
- J - Indicates an estimated value less than the practical quantitation limit (PQL).
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- Q - Indicates the presence of quantitative interferences.
- X - Estimated maximum possible concentration.
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

**TABLE 11-4  
DATA RECEIVED DURING APRIL 2004**

**TRAILER SAMPLING  
NEWELL STREET AREA II  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in parts per million, ppm)**

Parameter	Sample ID: Date Collected:	78-NST-OIL-C1 03/29/04
<b>Volatile Organics</b>		
Benzene		150
Chlorobenzene		250
Ethylbenzene		1000
Tetrachloroethene		2200
Toluene		2800
Trichloroethene		57000
Xylenes (total)		6800
<b>PCBs</b>		
Aroclor-1254		440000
Total PCBs		440000
<b>Semivolatile Organics</b>		
None Detected		--
<b>Inorganics</b>		
Arsenic		0.410 B
Barium		0.380
Chromium		0.230 B
Lead		0.410 B
Silver		0.120 B
<b>Waste Characterization</b>		
Flash Point (°F)		120

Notes:

1. Sample was collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs, volatiles, semivolatiles, metals and flash point.
2. EPA designates wastes with a flash point of less than 140°F as ignitable hazardous wastes.
3. -- Indicates that all constituents for the parameter group were not detected.
4. Only detected constituents are summarized.

Data Qualifiers:

Inorganics

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

**ITEM 12  
FORMER OXBOW AREAS J & K  
(GEC420)  
APRIL 2004**

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

**a. Activities Undertaken/Completed**

Initiated supplemental field activities at Parcels K10-11-1, -2, -3, and K10-13-1.

**b. Sampling/Test Results Received**

None

**c. Work Plans/Reports/Documents Submitted**

None

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

- Complete supplemental soil sampling activities at properties listed above.
- Initiate development of Supplemental Pre-Design Investigation Report (due by June 29, 2004).

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

As discussed in GE's January 28, 2004 supplemental soil sampling proposal, property boundary research has determined that certain legal property boundaries may be different from those shown in that and previous submittals. In light of this, GE will discuss with EPA appropriate evaluation areas at this RAA.

**f. Proposed/Approved Work Plan Modifications**

None

**ITEM 13  
HOUSATONIC RIVER AREA  
UPPER ½ MILE REACH  
(GECD800)  
APRIL 2004**

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

a. **Activities Undertaken/Completed**

None

b. **Sampling/Test Results Received**

None

c. **Work Plans/Reports/Documents Submitted**

None

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

Spring restored bank vegetation inspection tentatively scheduled for May 25, 2004.

e. **General Progress/Unresolved Issues/Potential Schedule Impacts**

- Seepage meter monitoring has not occurred due to increased water levels.
- Issues relating to TOC content in isolation layer remain to be resolved. EPA and GE have agreed that GE's report on those issues will be deferred until after the seepage meter data are available. Final Completion Report for Upper ½ Mile Reach Removal Action will be submitted following resolution of those issues.

f. **Proposed/Approved Work Plan Modifications**

None



**ITEM 14  
HOUSATONIC RIVER AREA  
1½-MILE REACH  
(GEC820)  
APRIL 2004**

(Note: This item is limited to activities conducted by GE and does not include EPA's work on the 1½-Mile Reach Removal Action.)

**a. Activities Undertaken/Completed**

- On April 29, 2004, BBL (on GE's behalf) performed a round of water column monitoring at nine locations along the Housatonic River between Coltsville, MA and Great Barrington, MA. Two of these locations are situated in the 1½-Mile Reach: Lyman Street Bridge (Location 4) and Pomeroy Avenue Bridge (Location 6A). A composite grab sample was collected at each location and submitted to Northeast Analytical for analysis of PCBs (total), TSS, POC, and chlorophyll-a (see Table 14-1). (The other seven locations are discussed under Item 15 below.)
- Surface water sampling was performed on two occasions during April 2004 at three locations in the 1½-Mile Reach to monitor construction activities in that reach. The three locations sampled were Lyman Street Bridge, Dawes Avenue Bridge, and Pomeroy Avenue Bridge. During each day of sampling, one composite grab sample was collected at Lyman Street Bridge, and two composite samples were each collected at Dawes Avenue Bridge and Pomeroy Avenue Bridge. A total of 10 samples were submitted to Northeast Analytical for analysis of PCBs (total) and TSS (see Table 14-1).\*

**b. Sampling/Test Results Received**

See attached tables.

**c. Work Plans/Reports/Documents Submitted**

None

**d. Upcoming Scheduled Activities (next six weeks)**

- Attend May 20, 2004 EPA public meeting concerning EPA's 1½-Mile Reach River work.\*
- Continue Housatonic River monthly water column monitoring.
- Continue surface water sampling to monitor construction activities in the 1½-Mile Reach.\*

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

**ITEM 14  
(cont'd)  
HOUSATONIC RIVER AREA  
1½-MILE REACH  
(GEC820)  
APRIL 2004**

**f. Proposed/Approved Work Plan Modifications**

None

**TABLE 14-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

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

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Monthly Water Column Sampling	Location-4	3/25/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	4/6/04
Monthly Water Column Sampling	Location-4	4/29/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-6A	3/25/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	4/6/04
Monthly Water Column Sampling	Location-6A	4/29/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Water Column Sampling	DAWES-041604-1	4/16/04	Water	NEA	PCB, TSS	4/30/04
Water Column Sampling	DAWES-041604-2	4/16/04	Water	NEA	PCB, TSS	4/30/04
Water Column Sampling	DAWES-042604-1	4/26/04	Water	NEA	PCB, TSS	
Water Column Sampling	DAWES-042604-2	4/26/04	Water	NEA	PCB, TSS	
Water Column Sampling	LYMAN-041604-1	4/16/04	Water	NEA	PCB, TSS	4/30/04
Water Column Sampling	LYMAN-042604-1	4/26/04	Water	NEA	PCB, TSS	
Water Column Sampling	POMEROY-041604-1	4/16/04	Water	NEA	PCB, TSS	4/30/04
Water Column Sampling	POMEROY-041604-2	4/16/04	Water	NEA	PCB, TSS	4/30/04
Water Column Sampling	POMEROY-042604-1	4/26/04	Water	NEA	PCB, TSS	
Water Column Sampling	POMEROY-042604-2	4/26/04	Water	NEA	PCB, TSS	

**TABLE 14-2  
SAMPLE DATA RECEIVED DURING APRIL 2004**

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

<b>Sample ID</b>	<b>Location</b>	<b>Date Collected</b>	<b>Aroclor-1016, -1221, -1232, -1242, -1248, -1254</b>	<b>Aroclor 1260</b>	<b>Total PCBs</b>	<b>POC</b>	<b>TSS</b>	<b>Chlorophyll (a)</b>
LOCATION-4	Lyman Street Bridge	3/25/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.421	2.20	0.0011
LOCATION-6A	Pomeroy Ave. Bridge	3/25/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.356	3.30	0.0013

Notes:

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

**TABLE 14-3  
SAMPLE DATA RECEIVED DURING APRIL 2004**

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

<b>Sample ID</b>	<b>Location</b>	<b>Date Collected</b>	<b>Aroclor-1016, -1221, -1232, -1242, -1248, -1254</b>	<b>Aroclor 1260</b>	<b>Total PCBs</b>	<b>TSS</b>
DAWES-041604-1	Dawes Ave. Bridge	4/16/2004	ND(0.0000220)	0.000170 AG	0.000170	16.1
DAWES-041604-2	Dawes Ave. Bridge	4/16/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	5.90
LYMAN-041604-1	Lyman Street Bridge	4/16/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	3.00
POMEROY-041604-1	Pomeroy Ave. Bridge	4/16/2004	ND(0.0000440)	0.000420 AG	0.000420	14.6
POMEROY-041604-2	Pomeroy Ave. Bridge	4/16/2004	ND(0.0000220)	0.0000380 AG	0.0000380	9.40

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to Northeast Analytical, Inc. for analysis of unfiltered PCBs and total suspended solids (TSS).
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. AG - Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

**ITEM 15**  
**HOUSATONIC RIVER AREA**  
**REST OF THE RIVER**  
**(GEC850)**  
**APRIL 2004**

**a. Activities Undertaken/Completed**

- On April 25, 2004, BBL (on GE's behalf) performed a round of water column monitoring at nine locations along the Housatonic River between Coltsville and Great Barrington, MA. Two locations are situated in the 1½-Mile Reach of the Housatonic River and were discussed in Item 14. Of the remaining seven locations, two are located upstream of the 1½-Mile Reach: Hubbard Avenue Bridge (Location 1) and Newell Street Bridge (Location 2). The five remaining locations are situated in the Rest of the River: Holmes Road Bridge (Location 7); New Lenox Road Bridge (Location 9); Woods Pond Headwaters (Location 10); Schweitzer Bridge (Location 12); and Division Street Bridge (Location 13). Sampling activities were performed at all these locations on April 25, 2004 from downstream to upstream. Composite grab samples were collected at each location sampled and submitted to Northeast Analytical for analysis of PCBs (total), TSS, POC, and chlorophyll-a (see Table 15-1).
- GE received EPA's revised Modeling Framework Design: Modeling Study of PCB Contamination in the Housatonic River.

**b. Sampling/Test Results**

See attached tables.

**c. Work Plans/Reports/Documents Submitted**

Distributed updated pages dated April 28, 2004 for the Emergency Action Plan (EAP) for Woods Pond Dam based on the annual review of the EAP.

**d. Upcoming Scheduled Activities (next six weeks)**

- Continue Housatonic River monthly water column monitoring.
- Proceed with work on gate stem repairs at Rising Pond Dam as identified in the Structural Integrity Report submitted in June 2003 for that dam and based on the October 2003 gate stem inspection.\* Discuss with owner of Rising Pond.
- Conduct minor masonry repairs to wing wall of raceway stoplog sluice structure at Woods Pond Dam as identified in the June 2003 Structural Integrity Report on that dam.

**ITEM 15**  
**(cont'd)**  
**HOUSATONIC RIVER AREA**  
**REST OF THE RIVER**  
**(GEC850)**  
**APRIL 2004**

e. **General Progress/Unresolved Issues/Potential Schedule Impacts**

Ongoing issues relating to EPA's risk assessments.

f. **Proposed/Approved Work Plan Modifications**

None

**TABLE 15-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

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

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Monthly Water Column Sampling	HR-D1 (Location-12)	3/25/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	4/6/04
Monthly Water Column Sampling	HR-D1 (Location-12)	4/29/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-1	4/29/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-1	3/25/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	4/6/04
Monthly Water Column Sampling	Location-10	3/25/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	4/6/04
Monthly Water Column Sampling	Location-10	4/29/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-12	4/29/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-12	3/25/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	4/6/04
Monthly Water Column Sampling	Location-13	4/29/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-13	3/25/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	4/6/04
Monthly Water Column Sampling	Location-2	3/25/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	4/6/04
Monthly Water Column Sampling	Location-2	4/29/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-7	3/25/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	4/6/04
Monthly Water Column Sampling	Location-7	4/29/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-9	3/25/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	4/6/04
Monthly Water Column Sampling	Location-9	4/29/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	

Notes:

1. Field duplicate sample locations are presented in parenthesis.



**TABLE 15-2  
SAMPLE DATA RECEIVED DURING APRIL 2004**

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

<b>Sample ID</b>	<b>Location</b>	<b>Date Collected</b>	<b>Aroclor-1016, -1221, -1232, -1242, -1248, -1254</b>	<b>Aroclor 1260</b>	<b>Total PCBs</b>	<b>POC</b>	<b>TSS</b>	<b>Chlorophyll (a)</b>
LOCATION-1	Hubbard Ave. Bridge	3/25/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.390	1.70	0.00060
LOCATION-2	Newell Street Bridge	3/25/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.511	4.10	0.0010
LOCATION-7	Holmes Rd. Bridge	3/25/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.421	2.10	0.0011
LOCATION-9	New Lenox Rd. Bridge	3/25/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.300	3.00	0.0012
LOCATION-10	Headwaters of Woods Pond	3/25/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.281	2.60	0.00090
LOCATION-12	Schweitzer Bridge	3/25/2004	ND(0.0000220)	0.0000230 AG	0.0000230	0.455	2.10	0.0010
		3/25/2004	[ND(0.0000220)]	[0.0000390 AG]	[0.0000390]	[0.426]	[2.60]	[0.0013]
LOCATION-13	Division St. Bridge	3/25/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.433	2.70	0.0021

**Notes:**

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to Northeast Analytical, Inc. and/or Aquatec Biological Sciences, for analysis of unfiltered PCBs, total suspended solids (TSS), particulate organic carbon (POC), and chlorophyll (a).
2. Sampling methods involved the collection of composite grab samples at each location, representative of three stations (25, 50, and 75 percent of the total river width at each location) at 50 percent of the total river depth at each station.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. AG - Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
5. Field duplicate sample results are presented in brackets.

**ITEMS 16 & 17  
HOUSATONIC RIVER FLOODPLAIN  
RESIDENTIAL AND NON-RESIDENTIAL  
PROPERTIES ADJACENT TO 1½-MILE REACH  
(GEC710 AND GEC720)  
APRIL 2004**

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

**a. Activities Undertaken/Completed**

- Received signed access agreements from owners of Parcels I7-3-10 and I7-3-11 (April 6, 2004).
- Continued efforts to obtain signed access agreement from owner of Parcel I7-2-46 (Phase 3 property owner).
- Continued sampling activities at Phase 3 properties where GE has owner access permission (see Table 16&17-1).
- Verbally reported potential imminent hazard (PIH) conditions at Parcels I7-2-1, I7-2-20, I7-2-26, I7-2-30, I7-2-32, I7-2-33, I7-3-1, I7-3-2, I7-3-6, I7-3-7, I7-3-9, I7-3-10, and I9-99-000 to MDEP.

**b. Sampling/Test Results Received**

See attached tables.

**c. Work Plans/Reports/Documents Submitted**

None

**d. Upcoming Scheduled Activities (next six weeks)**

- Continue efforts to obtain access from the owner of Parcel I7-2-46 for pre-design soil sampling.
- Continue pre-design soil investigations at Phase 3 properties.
- Prepare and submit Pre-Design Investigation Work Plan for Phase 4, Group A properties.

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

- Owner of Parcel I7-2-46 has not signed access agreement to allow sampling at her property.
- Discuss with EPA schedule for pre-certification inspection and submittal of Final Completion Report for Phase 1 and Phase 2 properties, and ERE for City-owned property in Phase 2.

**ITEMS 16 & 17**  
**(cont'd)**  
**HOUSATONIC RIVER FLOODPLAIN**  
**RESIDENTIAL AND NON-RESIDENTIAL**  
**PROPERTIES ADJACENT TO 1½-MILE REACH**  
**(GEC710 AND GEC720)**  
**APRIL 2004**

**f. Proposed/Approved Work Plan Modifications**

None

**TABLE 16&17-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Depth (feet)</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Residential Properties Soil Sampling	3A-DUP-1 (3A-SB-20)	4/22/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-DUP-2 (3A-SB-25)	4/22/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-DUP-3 (3A-SB-17)	4/23/04	4-6	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-DUP-4 (3A-SB-10)	4/28/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-DUP-5 (3A-SB-11)	4/28/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-DUP-6 (3A-SB-2)	4/29/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-10	4/28/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-10	4/28/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-10	4/28/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-10	4/28/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-11	4/28/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-11	4/28/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-11	4/28/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-11	4/28/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-11	4/28/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-11	4/28/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-12	4/28/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-12	4/28/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-12	4/28/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-12	4/28/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-12	4/28/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-12	4/28/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-13	4/28/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-13	4/28/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-13	4/28/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-13	4/28/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-13	4/28/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-13	4/28/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-14	4/23/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SB-14	4/23/04	1-2	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SB-14	4/23/04	2-4	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SB-14	4/23/04	4-6	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SB-14	4/23/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3A-SB-14	4/23/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3A-SB-15	4/28/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-15	4/28/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-15	4/28/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-15	4/28/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-15	4/28/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-15	4/28/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-16	4/22/04	2-4	Soil	CT&E	PCB	

**TABLE 16&17-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Depth (feet)</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Residential Properties Soil Sampling	3A-SB-16	4/22/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-16	4/22/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-16	4/22/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-17	4/23/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SB-17	4/23/04	1-2	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SB-17	4/23/04	2-4	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SB-17	4/23/04	4-6	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SB-17	4/23/04	6-8	Soil	CT&E	PCB	Analyze
Residential Properties Soil Sampling	3A-SB-17	4/23/04	8-10	Soil	CT&E	PCB	Extract and Hold
Residential Properties Soil Sampling	3A-SB-18	4/22/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-18	4/22/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-18	4/22/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-18	4/22/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-18	4/22/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-18	4/22/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-19	4/22/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-19	4/22/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-19	4/22/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-19	4/22/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-2	4/29/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-2	4/29/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-2	4/29/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-2	4/29/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-20	4/22/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-20	4/22/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-20	4/22/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-20	4/22/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-20	4/22/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-20	4/22/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-21	4/22/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-21	4/22/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-21	4/22/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-21	4/22/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-22	4/22/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-22	4/22/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-22	4/22/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-22	4/22/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-23	4/22/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-23	4/22/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-23	4/22/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-23	4/22/04	4-6	Soil	CT&E	PCB	

**TABLE 16&17-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Depth (feet)</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Residential Properties Soil Sampling	3A-SB-23	4/22/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-23	4/22/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-24	4/23/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SB-24	4/23/04	1-2	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SB-24	4/23/04	2-4	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SB-24	4/23/04	4-6	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SB-24	4/23/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3A-SB-24	4/23/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3A-SB-25	4/22/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-25	4/22/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-25	4/22/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-25	4/22/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-25	4/22/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-25	4/22/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-26	4/23/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SB-26	4/23/04	1-2	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SB-26	4/23/04	2-4	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SB-26	4/23/04	4-6	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SB-26	4/23/04	6-8	Soil	CT&E	PCB	Analyze
Residential Properties Soil Sampling	3A-SB-26	4/23/04	8-10	Soil	CT&E	PCB	Extract and Hold
Residential Properties Soil Sampling	3A-SB-3	4/29/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-3	4/29/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-3	4/29/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-3	4/29/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-3	4/29/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-3	4/29/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-4	4/29/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-4	4/29/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-4	4/29/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-4	4/29/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-5	4/29/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-5	4/29/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-5	4/29/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-5	4/29/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-5	4/29/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-5	4/29/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-6	4/28/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-6	4/28/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-6	4/28/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-6	4/28/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-6	4/28/04	6-8	Soil	CT&E	PCB	On Hold

**TABLE 16&17-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Depth (feet)</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Residential Properties Soil Sampling	3A-SB-6	4/28/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-7	4/28/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-7	4/28/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-7	4/28/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-7	4/28/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-7	4/28/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-7	4/28/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-8	4/29/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-8	4/29/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-8	4/29/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-8	4/29/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-8	4/29/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-8	4/29/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-9	4/28/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-9	4/28/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-9	4/28/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-9	4/28/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3A-SB-9	4/28/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SB-9	4/28/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3A-SS-10	4/19/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SS-11	4/19/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SS-12	4/19/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SS-13	4/19/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SS-14	4/19/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SS-15	4/19/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SS-16	4/19/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SS-17	4/19/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SS-18	4/19/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SS-19	4/19/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SS-2	4/19/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SS-3	4/19/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SS-4	4/19/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SS-5	4/19/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SS-6	4/19/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SS-7	4/19/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SS-8	4/19/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3A-SS-9	4/19/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3B-DUP-1 (3B-SB-21)	4/6/04	2-4	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-DUP-2 (3B-SB-15)	4/6/04	4-6	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-DUP-3 (3B-SB-14)	4/7/04	4-6	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-DUP-4 (3B-SB-25)	4/7/04	2-4	Soil	CT&E	PCB	4/15/04

**TABLE 16&17-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Depth (feet)</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Residential Properties Soil Sampling	3B-DUP-5 (3B-SB-6)	4/8/04	4-6	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-DUP-6 (3B-SB-3)	4/19/04	1-2	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SB-1	4/19/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SB-1	4/19/04	1-2	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SB-1	4/19/04	2-4	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SB-1	4/19/04	4-6	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SB-1	4/19/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3B-SB-1	4/19/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3B-SB-10	4/7/04	0-1	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-10	4/7/04	2-4	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-10	4/7/04	4-6	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-10	4/7/04	6-8	Soil	CT&E	PCB	4/22/04
Residential Properties Soil Sampling	3B-SB-10	4/7/04	8-10	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SB-11	4/7/04	0-1	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-11	4/7/04	1-2	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-11	4/7/04	2-4	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-11	4/7/04	4-6	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-11	4/7/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-11	4/7/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-12	4/7/04	0-1	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-12	4/7/04	1-2	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-12	4/7/04	2-4	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-12	4/7/04	4-6	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-12	4/7/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-12	4/7/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-13	4/6/04	2-4	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-13	4/6/04	4-6	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-13	4/6/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-13	4/6/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-14	4/7/04	1-2	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-14	4/7/04	2-4	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-14	4/7/04	4-6	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-14	4/7/04	6-8	Soil	CT&E	PCB	4/22/04
Residential Properties Soil Sampling	3B-SB-14	4/7/04	8-10	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SB-15	4/6/04	2-4	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-15	4/6/04	4-6	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-15	4/6/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-15	4/6/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-16	4/7/04	0-1	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-16	4/7/04	1-2	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-16	4/7/04	2-4	Soil	CT&E	PCB	4/15/04



**TABLE 16&17-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Depth (feet)</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Residential Properties Soil Sampling	3B-SB-16	4/7/04	4-6	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-16	4/7/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-16	4/7/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-17	4/6/04	0-1	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-17	4/6/04	1-2	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-17	4/6/04	2-4	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-17	4/6/04	4-6	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-17	4/6/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-17	4/6/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-18	4/6/04	2-4	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-18	4/6/04	4-6	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-18	4/6/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-18	4/6/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-19	4/6/04	0-1	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-19	4/6/04	1-2	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-19	4/6/04	2-4	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-19	4/6/04	4-6	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-19	4/6/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-19	4/6/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-2	4/19/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SB-2	4/19/04	1-2	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SB-2	4/19/04	2-4	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SB-2	4/19/04	4-6	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SB-2	4/19/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3B-SB-2	4/19/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3B-SB-20	4/6/04	0-1	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-20	4/6/04	1-2	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-20	4/6/04	2-4	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-20	4/6/04	4-6	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-20	4/6/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-20	4/6/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-21	4/6/04	0-1	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-21	4/6/04	1-2	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-21	4/6/04	2-4	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-21	4/6/04	4-6	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-21	4/6/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-21	4/6/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-22	4/6/04	0-1	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-22	4/6/04	1-2	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-22	4/6/04	2-4	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-22	4/6/04	4-6	Soil	CT&E	PCB	4/13/04

**TABLE 16&17-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Depth (feet)</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Residential Properties Soil Sampling	3B-SB-22	4/6/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-22	4/6/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-23	4/6/04	1-2	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-23	4/6/04	2-4	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-23	4/6/04	4-6	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-23	4/6/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-23	4/6/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-24	4/6/04	0-1	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-24	4/6/04	1-2	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-24	4/6/04	2-4	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-24	4/6/04	4-6	Soil	CT&E	PCB	4/13/04
Residential Properties Soil Sampling	3B-SB-24	4/6/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-24	4/6/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-25	4/7/04	0-1	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-25	4/7/04	1-2	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-25	4/7/04	2-4	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-25	4/7/04	4-6	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-25	4/7/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-25	4/7/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-3	4/19/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SB-3	4/19/04	1-2	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SB-3	4/19/04	2-4	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SB-3	4/19/04	4-6	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SB-3	4/19/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3B-SB-3	4/19/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3B-SB-4	4/8/04	0-1	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-4	4/8/04	1-2	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-4	4/8/04	2-4	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-4	4/8/04	4-6	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-4	4/8/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-4	4/8/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-5	4/8/04	0-1	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-5	4/8/04	1-2	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-5	4/8/04	2-4	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-5	4/8/04	4-6	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-5	4/8/04	6-8	Soil	CT&E	PCB	4/22/04
Residential Properties Soil Sampling	3B-SB-5	4/8/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-6	4/8/04	2-4	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-6	4/8/04	4-6	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-6	4/8/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-6	4/8/04	8-10	Soil	CT&E	PCB	Cancel

**TABLE 16&17-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Depth (feet)</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Residential Properties Soil Sampling	3B-SB-7	4/7/04	0-1	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-7	4/7/04	1-2	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-7	4/7/04	2-4	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-7	4/7/04	4-6	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-7	4/7/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-7	4/7/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-8	4/7/04	2-4	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-8	4/7/04	4-6	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-8	4/7/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-8	4/7/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-9	4/8/04	0-1	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-9	4/8/04	1-2	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-9	4/8/04	2-4	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-9	4/8/04	4-6	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SB-9	4/8/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SB-9	4/8/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3B-SS-1	4/19/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SS-10	4/19/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SS-11	4/19/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SS-12	4/19/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SS-13	4/19/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SS-14	4/19/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SS-15	4/8/04	0-1	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SS-16	4/8/04	0-1	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SS-17	4/8/04	0-1	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SS-18	4/8/04	0-1	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SS-19	4/8/04	0-1	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SS-2	4/19/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SS-20	4/8/04	0-1	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SS-21	4/8/04	0-1	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SS-22	4/8/04	0-1	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SS-23	4/7/04	0-1	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SS-24	4/7/04	0-1	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SS-25	4/7/04	0-1	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SS-26	4/7/04	0-1	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SS-27	4/7/04	0-1	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SS-28	4/8/04	0-1	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SS-3	4/19/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SS-4	4/19/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SS-5	4/19/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SS-6	4/19/04	0-1	Soil	CT&E	PCB	4/28/04

**TABLE 16&17-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Depth (feet)</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Residential Properties Soil Sampling	3B-SS-7	4/8/04	0-1	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3B-SS-8	4/19/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3B-SS-9	4/19/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-DUP-1 (3C-SB-25)	4/13/04	4-6	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-DUP-2 (3C-SB-19)	4/13/04	4-6	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-DUP-3 (3C-SB-17)	4/14/04	4-6	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-DUP-4 (3C-SS-2)	4/15/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-DUP-5 (3C-SB-3)	4/20/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-DUP-6 (3C-SB-14)	4/20/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-DUP-7 (3C-SB-12)	4/21/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-DUP-8 (3C-SB-7)	4/21/04	1-2	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-1	4/20/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-1	4/20/04	1-2	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-1	4/20/04	2-4	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-1	4/20/04	4-6	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-1	4/20/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-1	4/20/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-10	4/20/04	2-4	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-10	4/20/04	4-6	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-10	4/20/04	6-8	Soil	CT&E	PCB	Analyze
Residential Properties Soil Sampling	3C-SB-10	4/20/04	8-10	Soil	CT&E	PCB	Extract and Hold
Residential Properties Soil Sampling	3C-SB-11	4/21/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-11	4/21/04	1-2	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-11	4/21/04	2-4	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-11	4/21/04	4-6	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-11	4/21/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-11	4/21/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-12	4/21/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-12	4/21/04	1-2	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-12	4/21/04	2-4	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-12	4/21/04	4-6	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-12	4/21/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-12	4/21/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-13	4/15/04	2-4	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-13	4/15/04	4-6	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-13	4/15/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3C-SB-13	4/15/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3C-SB-14	4/20/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-14	4/20/04	1-2	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-14	4/20/04	2-4	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-14	4/20/04	4-6	Soil	CT&E	PCB	4/28/04

**TABLE 16&17-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Depth (feet)</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Residential Properties Soil Sampling	3C-SB-14	4/20/04	6-8	Soil	CT&E	PCB	Analyze
Residential Properties Soil Sampling	3C-SB-14	4/20/04	8-10	Soil	CT&E	PCB	Extract and Hold
Residential Properties Soil Sampling	3C-SB-15	4/15/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-15	4/15/04	1-2	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-15	4/15/04	2-4	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-15	4/15/04	4-6	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-15	4/15/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-15	4/15/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-16	4/15/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-16	4/15/04	1-2	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-16	4/15/04	2-4	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-16	4/15/04	4-6	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-16	4/15/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-16	4/15/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-17	4/14/04	2-4	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-17	4/14/04	4-6	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-17	4/14/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-17	4/14/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-18	4/20/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-18	4/20/04	1-2	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-18	4/20/04	2-4	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-18	4/20/04	4-6	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-18	4/20/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-18	4/20/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-19	4/13/04	2-4	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-19	4/13/04	4-6	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-19	4/13/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-19	4/13/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-2	4/21/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-2	4/21/04	1-2	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-2	4/21/04	2-4	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-2	4/21/04	4-6	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-2	4/21/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-2	4/21/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-20	4/14/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-20	4/14/04	1-2	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-20	4/14/04	2-4	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-20	4/14/04	4-6	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-20	4/14/04	6-8	Soil	CT&E	PCB	Analyze
Residential Properties Soil Sampling	3C-SB-20	4/14/04	8-10	Soil	CT&E	PCB	Extract and Hold
Residential Properties Soil Sampling	3C-SB-21	4/14/04	0-1	Soil	CT&E	PCB	4/28/04

**TABLE 16&17-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Depth (feet)</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Residential Properties Soil Sampling	3C-SB-21	4/14/04	1-2	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-21	4/14/04	2-4	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-21	4/14/04	4-6	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-21	4/14/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-21	4/14/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-22	4/13/04	1-2	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-22	4/13/04	2-4	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-22	4/13/04	4-6	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-22	4/13/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-22	4/13/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-23	4/13/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-23	4/13/04	1-2	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-23	4/13/04	2-4	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-23	4/13/04	4-6	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-23	4/13/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-23	4/13/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-24	4/13/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-24	4/13/04	1-2	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-24	4/13/04	2-4	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-24	4/13/04	4-6	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-24	4/13/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-24	4/13/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-25	4/13/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-25	4/13/04	1-2	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-25	4/13/04	2-4	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-25	4/13/04	4-6	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-25	4/13/04	6-8	Soil	CT&E	PCB	Analyze
Residential Properties Soil Sampling	3C-SB-25	4/13/04	8-10	Soil	CT&E	PCB	Extract and Hold
Residential Properties Soil Sampling	3C-SB-26	4/13/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-26	4/13/04	1-2	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-26	4/13/04	2-4	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-26	4/13/04	4-6	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-26	4/13/04	6-8	Soil	CT&E	PCB	Analyze
Residential Properties Soil Sampling	3C-SB-26	4/13/04	8-10	Soil	CT&E	PCB	Extract and Hold
Residential Properties Soil Sampling	3C-SB-3	4/20/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-3	4/20/04	1-2	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-3	4/20/04	2-4	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-3	4/20/04	4-6	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-3	4/20/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-3	4/20/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-4	4/21/04	0-1	Soil	CT&E	PCB	4/30/04

**TABLE 16&17-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Depth (feet)</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Residential Properties Soil Sampling	3C-SB-4	4/21/04	1-2	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-4	4/21/04	2-4	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-4	4/21/04	4-6	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-4	4/21/04	6-8	Soil	CT&E	PCB	Analyze
Residential Properties Soil Sampling	3C-SB-4	4/21/04	8-10	Soil	CT&E	PCB	Extract and Hold
Residential Properties Soil Sampling	3C-SB-5	4/21/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-5	4/21/04	1-2	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-5	4/21/04	2-4	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-5	4/21/04	4-6	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-5	4/21/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-5	4/21/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-6	4/20/04	1-2	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-6	4/20/04	2-4	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-6	4/20/04	4-6	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SB-6	4/20/04	6-8	Soil	CT&E	PCB	Analyze
Residential Properties Soil Sampling	3C-SB-6	4/20/04	8-10	Soil	CT&E	PCB	Extract and Hold
Residential Properties Soil Sampling	3C-SB-7	4/21/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-7	4/21/04	1-2	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-7	4/21/04	2-4	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-7	4/21/04	4-6	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-7	4/21/04	6-8	Soil	CT&E	PCB	Analyze
Residential Properties Soil Sampling	3C-SB-7	4/21/04	8-10	Soil	CT&E	PCB	Extract and Hold
Residential Properties Soil Sampling	3C-SB-8	4/21/04	2-4	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-8	4/21/04	4-6	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-8	4/21/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-8	4/21/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-9	4/21/04	0-1	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-9	4/21/04	1-2	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-9	4/21/04	2-4	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-9	4/21/04	4-6	Soil	CT&E	PCB	4/30/04
Residential Properties Soil Sampling	3C-SB-9	4/21/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SB-9	4/21/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3C-SS-1	4/15/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SS-10	4/16/04	0-1	Soil	CT&E	PCB	4/23/04
Residential Properties Soil Sampling	3C-SS-11	4/16/04	0-1	Soil	CT&E	PCB	4/23/04
Residential Properties Soil Sampling	3C-SS-12	4/16/04	0-1	Soil	CT&E	PCB	4/23/04
Residential Properties Soil Sampling	3C-SS-13	4/16/04	0-1	Soil	CT&E	PCB	4/23/04
Residential Properties Soil Sampling	3C-SS-14	4/16/04	0-1	Soil	CT&E	PCB	4/23/04
Residential Properties Soil Sampling	3C-SS-15	4/16/04	0-1	Soil	CT&E	PCB	4/23/04
Residential Properties Soil Sampling	3C-SS-16	4/16/04	0-1	Soil	CT&E	PCB	4/23/04
Residential Properties Soil Sampling	3C-SS-17	4/16/04	0-1	Soil	CT&E	PCB	4/23/04

**TABLE 16&17-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Depth (feet)</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Residential Properties Soil Sampling	3C-SS-18	4/16/04	0-1	Soil	CT&E	PCB	4/23/04
Residential Properties Soil Sampling	3C-SS-19	4/9/04	0-1	Soil	CT&E	PCB	4/16/04
Residential Properties Soil Sampling	3C-SS-2	4/15/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SS-20	4/9/04	0-1	Soil	CT&E	PCB	4/16/04
Residential Properties Soil Sampling	3C-SS-22	4/9/04	0-1	Soil	CT&E	PCB	4/16/04
Residential Properties Soil Sampling	3C-SS-23	4/9/04	0-1	Soil	CT&E	PCB	4/16/04
Residential Properties Soil Sampling	3C-SS-24	4/9/04	0-1	Soil	CT&E	PCB	4/16/04
Residential Properties Soil Sampling	3C-SS-25	4/16/04	0-1	Soil	CT&E	PCB	4/23/04
Residential Properties Soil Sampling	3C-SS-26	4/16/04	0-1	Soil	CT&E	PCB	4/23/04
Residential Properties Soil Sampling	3C-SS-27	4/14/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SS-28	4/14/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SS-29	4/14/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SS-3	4/15/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SS-30	4/14/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SS-31	4/14/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SS-32	4/16/04	0-1	Soil	CT&E	PCB	4/23/04
Residential Properties Soil Sampling	3C-SS-4	4/15/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SS-5	4/15/04	0-1	Soil	CT&E	PCB	4/28/04
Residential Properties Soil Sampling	3C-SS-6	4/16/04	0-1	Soil	CT&E	PCB	4/23/04
Residential Properties Soil Sampling	3C-SS-7	4/16/04	0-1	Soil	CT&E	PCB	4/23/04
Residential Properties Soil Sampling	3C-SS-8	4/16/04	0-1	Soil	CT&E	PCB	4/23/04
Residential Properties Soil Sampling	3C-SS-9	4/16/04	0-1	Soil	CT&E	PCB	4/23/04
Residential Properties Soil Sampling	3D-DUP-1 (3D-SB-5)	3/29/04	0-1	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-DUP-2 (3D-SB-9)	3/29/04	1-2	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-DUP-3 (3D-SB-21)	3/30/04	4-6	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-DUP-4 (3D-SS-19)	3/31/04	0-1	Soil	CT&E	PCB	4/8/04
Residential Properties Soil Sampling	3D-DUP-5 (3D-SS-3)	4/5/04	0-1	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-DUP-6 (3D-SB-2)	4/5/04	4-6	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-1	4/5/04	0-1	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-1	4/5/04	1-2	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-1	4/5/04	2-4	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-1	4/5/04	4-6	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-1	4/5/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3D-SB-1	4/5/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3D-SB-10	3/29/04	0-1	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-10	3/29/04	1-2	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-10	3/29/04	2-4	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-10	3/29/04	4-6	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-10	3/29/04	6-8	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-11	3/29/04	0-1	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-11	3/29/04	1-2	Soil	CT&E	PCB	4/6/04



**TABLE 16&17-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Depth (feet)</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Residential Properties Soil Sampling	3D-SB-11	3/29/04	2-4	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-11	3/29/04	4-6	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-12	3/29/04	2-4	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-12	3/29/04	4-6	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-13	3/29/04	2-4	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-13	3/29/04	4-6	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-13	3/29/04	6-8	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-14	3/29/04	2-4	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-14	3/29/04	4-6	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-15	3/30/04	0-1	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-15	3/30/04	1-2	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-15	3/30/04	2-4	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-15	3/30/04	4-6	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-16	3/30/04	0-1	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-16	3/30/04	1-2	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-16	3/30/04	2-4	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-16	3/30/04	4-6	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-17	3/30/04	0-1	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-17	3/30/04	1-2	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-17	3/30/04	2-4	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-17	3/30/04	4-6	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-18	3/30/04	0-1	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-18	3/30/04	1-2	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-18	3/30/04	2-4	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-18	3/30/04	4-6	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-19	3/30/04	0-1	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-19	3/30/04	1-2	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-19	3/30/04	2-4	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-19	3/30/04	4-6	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-2	4/5/04	2-4	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-2	4/5/04	4-6	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-2	4/5/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3D-SB-2	4/5/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3D-SB-20	3/30/04	0-1	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-20	3/30/04	1-2	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-20	3/30/04	2-4	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-20	3/30/04	4-6	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-21	3/30/04	2-4	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-21	3/30/04	4-6	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-22	3/30/04	0-1	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-22	3/30/04	1-2	Soil	CT&E	PCB	4/12/04

**TABLE 16&17-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Depth (feet)</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Residential Properties Soil Sampling	3D-SB-22	3/30/04	2-4	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-22	3/30/04	4-6	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-23	3/30/04	2-4	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-23	3/30/04	4-6	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-24	3/30/04	0-1	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-24	3/30/04	1-2	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-24	3/30/04	2-4	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-24	3/30/04	4-6	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-3	4/5/04	0-1	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-3	4/5/04	1-2	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-3	4/5/04	2-4	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-3	4/5/04	4-6	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-3	4/5/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3D-SB-3	4/5/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3D-SB-4	4/5/04	0-1	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-4	4/5/04	1-2	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-4	4/5/04	2-4	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-4	4/5/04	4-6	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-4	4/5/04	6-8	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3D-SB-4	4/5/04	8-10	Soil	CT&E	PCB	Cancel
Residential Properties Soil Sampling	3D-SB-5	3/29/04	0-1	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-5	3/29/04	1-2	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-5	3/29/04	2-4	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-5	3/29/04	4-6	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-6	3/29/04	2-4	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-6	3/29/04	4-6	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-7	3/29/04	0-1	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-7	3/29/04	1-2	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-7	3/29/04	2-4	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-7	3/29/04	4-6	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-8	3/29/04	2-4	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-8	3/29/04	4-6	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-9	3/29/04	0-1	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-9	3/29/04	1-2	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-9	3/29/04	2-4	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-9	3/29/04	4-6	Soil	CT&E	PCB	4/6/04
Residential Properties Soil Sampling	3D-SB-9	3/29/04	6-8	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SB-9	3/29/04	8-10	Soil	CT&E	PCB	4/15/04
Residential Properties Soil Sampling	3D-SS-1	4/5/04	0-1	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SS-10	3/31/04	0-1	Soil	CT&E	PCB	4/8/04
Residential Properties Soil Sampling	3D-SS-11	3/31/04	0-1	Soil	CT&E	PCB	4/8/04

**TABLE 16&17-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Depth (feet)</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Residential Properties Soil Sampling	3D-SS-12	3/31/04	0-1	Soil	CT&E	PCB	4/8/04
Residential Properties Soil Sampling	3D-SS-13	3/31/04	0-1	Soil	CT&E	PCB	4/8/04
Residential Properties Soil Sampling	3D-SS-14	3/31/04	0-1	Soil	CT&E	PCB	4/8/04
Residential Properties Soil Sampling	3D-SS-15	3/31/04	0-1	Soil	CT&E	PCB	4/8/04
Residential Properties Soil Sampling	3D-SS-16	3/31/04	0-1	Soil	CT&E	PCB	4/8/04
Residential Properties Soil Sampling	3D-SS-17	3/31/04	0-1	Soil	CT&E	PCB	4/8/04
Residential Properties Soil Sampling	3D-SS-18	3/31/04	0-1	Soil	CT&E	PCB	4/8/04
Residential Properties Soil Sampling	3D-SS-19	3/31/04	0-1	Soil	CT&E	PCB	4/8/04
Residential Properties Soil Sampling	3D-SS-2	4/5/04	0-1	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SS-20	3/31/04	0-1	Soil	CT&E	PCB	4/8/04
Residential Properties Soil Sampling	3D-SS-3	4/5/04	0-1	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SS-4	4/5/04	0-1	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SS-5	4/5/04	0-1	Soil	CT&E	PCB	4/12/04
Residential Properties Soil Sampling	3D-SS-6	3/31/04	0-1	Soil	CT&E	PCB	4/8/04
Residential Properties Soil Sampling	3D-SS-7	3/31/04	0-1	Soil	CT&E	PCB	4/8/04
Residential Properties Soil Sampling	3D-SS-8	3/31/04	0-1	Soil	CT&E	PCB	4/8/04
Residential Properties Soil Sampling	3D-SS-9	3/31/04	0-1	Soil	CT&E	PCB	4/8/04

Notes:

1. Field duplicate sample locations are presented in parenthesis.

**TABLE 16&17-2  
PCB DATA RECEIVED DURING APRIL 2004**

**SOIL BORING PROGRAM  
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
3A-SB-14	0-1	4/23/2004	ND(0.042)	0.24	0.22	0.46
	1-2	4/23/2004	ND(0.038)	0.25	0.43	0.68
	2-4	4/23/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	4-6	4/23/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
3A-SB-17	0-1	4/23/2004	ND(0.043)	0.69	1.1	1.79
	1-2	4/23/2004	ND(0.037)	0.081	0.064	0.145
	2-4	4/23/2004	ND(0.040)	0.073	0.10	0.173
	4-6	4/23/2004	ND(0.039) [ND(0.039)]	0.078 [0.24]	0.092 [0.36]	0.17 [0.60]
3A-SB-24	0-1	4/23/2004	ND(0.041)	ND(0.041)	0.32	0.32
	1-2	4/23/2004	ND(0.042)	1.0	1.6	2.6
	2-4	4/23/2004	ND(0.047)	ND(0.047)	0.038 J	0.038 J
	4-6	4/23/2004	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
3A-SB-26	0-1	4/23/2004	ND(24)	52	110	162
	1-2	4/23/2004	ND(22)	80	72	152
	2-4	4/23/2004	ND(0.96)	5.7	5.2	10.9
	4-6	4/23/2004	ND(0.047)	0.14	0.16	0.30
3A-SS-2	0-1	4/19/2004	ND(0.039)	ND(0.039)	0.066	0.066
3A-SS-3	0-1	4/19/2004	ND(0.20)	2.7	4.9	7.6
3A-SS-4	0-1	4/19/2004	ND(0.038)	0.048	0.084	0.132
3A-SS-5	0-1	4/19/2004	ND(0.041)	ND(0.041)	0.15	0.15
3A-SS-6	0-1	4/19/2004	ND(0.041)	0.049	0.061	0.11
3A-SS-7	0-1	4/19/2004	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
3A-SS-8	0-1	4/19/2004	ND(0.22)	2.1	3.1	5.2
3A-SS-9	0-1	4/19/2004	ND(0.041)	ND(0.041)	0.047	0.047
3A-SS-10	0-1	4/19/2004	ND(0.042)	0.15	0.17	0.32
3A-SS-11	0-1	4/19/2004	ND(0.042)	0.25	0.25	0.50
3A-SS-12	0-1	4/19/2004	ND(1.1)	3.3	5.8	9.1
3A-SS-13	0-1	4/19/2004	ND(0.041)	0.76	1.8	2.56
3A-SS-14	0-1	4/19/2004	ND(4.0)	ND(4.0)	46	46
3A-SS-15	0-1	4/19/2004	ND(0.42)	14	19	33
3A-SS-16	0-1	4/19/2004	ND(0.41)	3.6	6.6	10.2
3A-SS-17	0-1	4/19/2004	ND(0.41)	2.0	3.1	5.1
3A-SS-18	0-1	4/19/2004	ND(0.040)	0.20	0.15	0.35
3A-SS-19	0-1	4/19/2004	ND(4.3)	24	45	69
3B-SB-1	0-1	4/19/2004	ND(0.037)	0.038	0.047	0.085
	1-2	4/19/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	2-4	4/19/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	4-6	4/19/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
3B-SB-2	0-1	4/19/2004	ND(3.8)	17	39	56
	1-2	4/19/2004	ND(0.038)	0.91	1.1	2.01
	2-4	4/19/2004	ND(0.036)	ND(0.036)	0.052	0.052
	4-6	4/19/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
3B-SB-3	0-1	4/19/2004	ND(0.042)	0.15	0.27	0.42
	1-2	4/19/2004	ND(0.038) [ND(0.038)]	ND(0.038) [0.033 J]	0.032 J [0.045]	0.032 J [0.078]
	2-4	4/19/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	4-6	4/19/2004	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
3B-SB-4	0-1	4/8/2004	ND(0.040)	0.41	1.1	1.51
	1-2	4/8/2004	ND(0.038)	0.20	0.41	0.61
	2-4	4/8/2004	ND(0.038)	ND(0.038)	0.026 J	0.026 J
	4-6	4/8/2004	ND(0.038)	ND(0.038)	0.031 J	0.031 J
3B-SB-5	0-1	4/8/2004	ND(0.041)	0.080	0.15	0.23
	1-2	4/8/2004	ND(0.040)	0.38	0.80	1.18
	2-4	4/8/2004	ND(0.043)	0.14	0.14	0.28
	4-6	4/8/2004	ND(0.042)	0.075	0.12	0.195
	6-8	4/8/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
3B-SB-6	2-4	4/8/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)

**TABLE 16&17-2  
PCB DATA RECEIVED DURING APRIL 2004**

**SOIL BORING PROGRAM  
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
	4-6	4/8/2004	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039)]
3B-SB-7	0-1	4/7/2004	ND(4.2)	24	34	58
	1-2	4/7/2004	ND(3.9)	24	32	56
	2-4	4/7/2004	ND(0.038)	0.29	0.17	0.46
	4-6	4/7/2004	ND(0.036)	0.014 J	0.018 J	0.032 J
3B-SB-8	2-4	4/7/2004	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	4-6	4/7/2004	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
3B-SB-9	0-1	4/8/2004	ND(0.041)	0.52	1.4	1.92
	1-2	4/8/2004	ND(0.038)	ND(0.038)	0.069	0.069
	2-4	4/8/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	4-6	4/8/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
3B-SB-10	0-1	4/7/2004	ND(4.0)	ND(4.0)	17	17
	2-4	4/7/2004	ND(23)	ND(23)	44	44
	4-6	4/7/2004	ND(4.8)	13	18	31
	6-8	4/7/2004	ND(0.046)	ND(0.046)	0.12	0.12
	8-10	4/7/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
3B-SB-11	0-1	4/7/2004	ND(4.1)	ND(4.1)	21	21
	1-2	4/7/2004	ND(0.85)	7.7	10	17.7
	2-4	4/7/2004	ND(0.044)	ND(0.044)	0.22	0.22
	4-6	4/7/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
3B-SB-12	0-1	4/7/2004	ND(0.039)	0.029 J	0.068	0.097
	1-2	4/7/2004	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	2-4	4/7/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	4-6	4/7/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
3B-SB-13	2-4	4/6/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	4-6	4/6/2004	ND(0.036)	ND(0.036)	0.036	0.036
3B-SB-14	1-2	4/7/2004	ND(3.8)	ND(3.8)	14	14
	2-4	4/7/2004	ND(21)	ND(21)	89	89
	4-6	4/7/2004	ND(4.8) [ND(4.7)]	ND(4.8) [13]	19 [21]	19 [34]
	6-8	4/7/2004	ND(0.21)	2.3	2.1	4.4
	8-10	4/7/2004	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
3B-SB-15	2-4	4/6/2004	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	4-6	4/6/2004	ND(0.039) [ND(0.040)]	ND(0.039) [ND(0.040)]	ND(0.039) [ND(0.040)]	ND(0.039) [ND(0.040)]
3B-SB-16	0-1	4/7/2004	ND(4.1)	ND(4.1)	26	26
	1-2	4/7/2004	ND(2.3)	4.0	6.4	10.4
	2-4	4/7/2004	ND(0.040)	0.020 J	0.028 J	0.048 J
	4-6	4/7/2004	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
3B-SB-17	0-1	4/6/2004	ND(0.040)	ND(0.040)	0.075	0.075
	1-2	4/6/2004	ND(0.041)	0.13	0.23	0.36
	2-4	4/6/2004	ND(0.040)	0.078	0.14	0.218
	4-6	4/6/2004	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
3B-SB-18	2-4	4/6/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	4-6	4/6/2004	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
3B-SB-19	0-1	4/6/2004	ND(0.040)	ND(0.040)	0.028 J	0.028 J
	1-2	4/6/2004	ND(0.040)	0.031 J	0.049	0.080
	2-4	4/6/2004	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	4-6	4/6/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
3B-SB-20	0-1	4/6/2004	ND(0.040)	ND(0.040)	0.062	0.062
	1-2	4/6/2004	ND(0.038)	ND(0.038)	0.041	0.041
	2-4	4/6/2004	ND(0.040)	0.068	0.085	0.153
	4-6	4/6/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)

**TABLE 16&17-2  
PCB DATA RECEIVED DURING APRIL 2004**

**SOIL BORING PROGRAM  
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
3B-SB-21	0-1	4/6/2004	ND(0.040)	ND(0.040)	0.070	0.070
	1-2	4/6/2004	ND(0.038)	ND(0.038)	0.23	0.23
	2-4	4/6/2004	ND(0.044) [ND(0.044)]	ND(0.044) [ND(0.044)]	0.024 J [ND(0.044)]	0.024 J [ND(0.044)]
	4-6	4/6/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
3B-SB-22	0-1	4/6/2004	ND(0.041)	0.052	0.079	0.131
	1-2	4/6/2004	ND(0.039)	ND(0.039)	0.059	0.059
	2-4	4/6/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	4-6	4/6/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
3B-SB-23	1-2	4/6/2004	ND(0.039)	0.34	0.12	0.46
	2-4	4/6/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	4-6	4/6/2004	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
3B-SB-24	0-1	4/6/2004	ND(0.21)	1.2	2.2	3.4
	1-2	4/6/2004	ND(1.9)	24	26	50
	2-4	4/6/2004	ND(0.20)	2.3	0.92	3.22
	4-6	4/6/2004	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
3B-SB-25	0-1	4/7/2004	ND(0.041)	0.030 J	0.059	0.089
	1-2	4/7/2004	ND(0.038)	0.93	1.2	2.13
	2-4	4/7/2004	ND(0.038) [ND(0.038)]	0.26 [0.31]	0.42 [0.57]	0.68 [0.88]
	4-6	4/7/2004	ND(0.038)	0.023 J	0.036 J	0.059 J
3B-SS-1	0-1	4/19/2004	ND(4.3)	12	26	38
3B-SS-2	0-1	4/19/2004	ND(4.0)	9.7	21	30.7
3B-SS-3	0-1	4/19/2004	ND(0.044)	0.12	0.30	0.42
3B-SS-4	0-1	4/19/2004	ND(0.40)	2.9	5.9	8.8
3B-SS-5	0-1	4/19/2004	ND(0.039)	0.088	0.13	0.218
3B-SS-6	0-1	4/19/2004	ND(2.0)	6.8	9.5	16.3
3B-SS-7	0-1	4/8/2004	ND(0.040)	0.034 J	0.045	0.079
3B-SS-8	0-1	4/19/2004	ND(4.0)	11	27	38
3B-SS-9	0-1	4/19/2004	ND(2.0)	7.8	9.8	17.6
3B-SS-10	0-1	4/19/2004	ND(3.8)	ND(3.8)	62	62
3B-SS-11	0-1	4/19/2004	ND(0.39)	2.8	4.2	7.0
3B-SS-12	0-1	4/19/2004	ND(4.2)	ND(4.2)	32	32
3B-SS-13	0-1	4/19/2004	ND(0.038)	0.59	0.95	1.54
3B-SS-14	0-1	4/19/2004	ND(3.9)	ND(3.9)	49	49
3B-SS-15	0-1	4/8/2004	ND(0.37)	3.0	8.7	11.7
3B-SS-16	0-1	4/8/2004	ND(0.20)	2.6	4.6	7.2
3B-SS-17	0-1	4/8/2004	ND(4.0)	37	120	157
3B-SS-18	0-1	4/8/2004	ND(0.041)	ND(0.041)	0.039 J	0.039 J
3B-SS-19	0-1	4/8/2004	ND(0.040)	0.029 J	0.073	0.102
3B-SS-20	0-1	4/8/2004	ND(0.041)	ND(0.041)	0.028 J	0.028 J
3B-SS-21	0-1	4/8/2004	ND(3.9)	26	40	66
3B-SS-22	0-1	4/8/2004	ND(4.0)	24	67	91
3B-SS-23	0-1	4/7/2004	ND(0.039)	0.014 J	0.036 J	0.050 J
3B-SS-24	0-1	4/7/2004	ND(4.0)	ND(4.0)	32	32
3B-SS-25	0-1	4/7/2004	ND(0.42)	2.6	4.6	7.2
3B-SS-26	0-1	4/7/2004	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
3B-SS-27	0-1	4/7/2004	ND(0.040)	0.11	0.18	0.29
3B-SS-28	0-1	4/8/2004	ND(0.040)	0.033 J	0.070	0.103
3C-SB-1	0-1	4/20/2004	ND(0.85)	6.5	10	16.5
	1-2	4/20/2004	ND(0.19)	2.2	3.4	5.6
	2-4	4/20/2004	ND(0.042)	0.070	0.11	0.18
	4-6	4/20/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
3C-SB-2	0-1	4/21/2004	ND(0.039)	0.77	1.7	2.47
	1-2	4/21/2004	ND(0.038)	0.040	0.055	0.095
	2-4	4/21/2004	ND(0.038)	0.045	0.017 J	0.062
	4-6	4/21/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
3C-SB-3	0-1	4/20/2004	ND(0.40) [ND(0.038)]	3.5 [ND(0.038)]	5.1 [ND(0.038)]	8.6 [ND(0.038)]

**TABLE 16&17-2  
PCB DATA RECEIVED DURING APRIL 2004**

**SOIL BORING PROGRAM  
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
	1-2	4/20/2004	ND(0.37)	3.4	4.8	8.2
	2-4	4/20/2004	ND(0.037)	0.033 J	0.043	0.076
	4-6	4/20/2004	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
3C-SB-4	0-1	4/21/2004	ND(0.19)	2.2	3.3	5.5
	1-2	4/21/2004	ND(0.038)	0.062	0.076	0.138
	2-4	4/21/2004	ND(0.039)	0.071	0.067	0.138
	4-6	4/21/2004	ND(0.040)	0.14	0.11	0.25
3C-SB-5	0-1	4/21/2004	ND(0.038)	ND(0.038)	0.032 J	0.032 J
	1-2	4/21/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	2-4	4/21/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	4-6	4/21/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
3C-SB-6	1-2	4/20/2004	ND(0.038)	1.0	1.2	2.2
	2-4	4/20/2004	ND(4.1)	13	17	30
	4-6	4/20/2004	ND(0.046)	0.16	0.17	0.33
3C-SB-7	0-1	4/21/2004	ND(0.037)	ND(0.037)	0.020 J	0.020 J
	1-2	4/21/2004	ND(0.036) [ND(0.036)]	ND(0.036) [0.049]	0.056 [0.035 J]	0.056 [0.084]
	2-4	4/21/2004	ND(0.19)	2.0	2.3	4.3
	4-6	4/21/2004	ND(0.041)	0.053	0.078	0.131
3C-SB-8	2-4	4/21/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	4-6	4/21/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
3C-SB-9	0-1	4/21/2004	ND(0.040)	0.18	0.16	0.34
	1-2	4/21/2004	ND(0.42)	3.7	4.7	8.4
	2-4	4/21/2004	ND(1.9)	16	18	34
	4-6	4/21/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
3C-SB-10	2-4	4/20/2004	ND(0.046)	0.43	0.61	1.04
	4-6	4/20/2004	ND(0.049)	0.050	0.095	0.145
3C-SB-11	0-1	4/21/2004	ND(0.039)	0.36	0.23	0.59
	1-2	4/21/2004	ND(0.040)	0.27	0.30	0.57
	2-4	4/21/2004	ND(0.042)	0.026 J	0.022 J	0.048 J
	4-6	4/21/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
3C-SB-12	0-1	4/21/2004	ND(0.039) [ND(0.038)]	ND(0.039) [ND(0.038)]	ND(0.039) [ND(0.038)]	ND(0.039) [ND(0.038)]
	1-2	4/21/2004	ND(0.20)	1.8	2.1	3.9
	2-4	4/21/2004	ND(0.038)	0.036 J	0.050	0.086
	4-6	4/21/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
3C-SB-13	2-4	4/15/2004	ND(0.036)	0.12	0.17	0.29
	4-6	4/15/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
3C-SB-14	0-1	4/20/2004	ND(18) [ND(0.037)]	ND(18) [ND(0.037)]	120 [ND(0.037)]	120 [ND(0.037)]
	1-2	4/20/2004	ND(20)	ND(20)	79	79
	2-4	4/20/2004	ND(20)	35	67	102
	4-6	4/20/2004	ND(0.40)	3.8	3.4	7.2
3C-SB-15	0-1	4/15/2004	ND(0.20)	2.6	3.6	6.2
	1-2	4/15/2004	ND(0.038)	0.18	0.27	0.45
	2-4	4/15/2004	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	4-6	4/15/2004	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
3C-SB-16	0-1	4/15/2004	ND(0.21)	3.2	4.0	7.2
	1-2	4/15/2004	ND(0.21)	4.2	5.4	9.6
	2-4	4/15/2004	ND(0.043)	0.50	0.70	1.2
	4-6	4/15/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
3C-SB-17	2-4	4/14/2004	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	4-6	4/14/2004	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]
3C-SB-18	0-1	4/20/2004	ND(1.9)	21	26	47
	1-2	4/20/2004	ND(2.0)	25	31	56
	2-4	4/20/2004	ND(0.21)	1.6	0.54	2.14
	4-6	4/20/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
3C-SB-19	2-4	4/13/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	4-6	4/13/2004	ND(0.039) [ND(0.040)]	ND(0.039) [ND(0.040)]	ND(0.039) [ND(0.040)]	ND(0.039) [ND(0.040)]

**TABLE 16&17-2  
PCB DATA RECEIVED DURING APRIL 2004**

**SOIL BORING PROGRAM  
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
3C-SB-20	0-1	4/14/2004	ND(0.20)	1.3	1.8	3.1
	1-2	4/14/2004	ND(0.037)	ND(0.037)	0.038	0.038
	2-4	4/14/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	4-6	4/14/2004	ND(0.038)	0.50	0.79	1.29
3C-SB-21	0-1	4/14/2004	ND(0.038)	0.16	0.29	0.45
	1-2	4/14/2004	ND(0.036)	ND(0.036)	0.032 J	0.032 J
	2-4	4/14/2004	ND(0.036)	ND(0.036)	0.029 J	0.029 J
	4-6	4/14/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
3C-SB-22	1-2	4/13/2004	ND(0.036)	0.80	1.5	2.3
	2-4	4/13/2004	ND(0.037)	0.030 J	ND(0.037)	0.030 J
	4-6	4/13/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
3C-SB-23	0-1	4/13/2004	ND(4.0)	17	39	56
	1-2	4/13/2004	ND(19)	ND(19)	210	210
	2-4	4/13/2004	ND(0.80)	11	18	29
	4-6	4/13/2004	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
3C-SB-24	0-1	4/13/2004	ND(2.5)	10	19	29
	1-2	4/13/2004	ND(2.2)	7.4	14	21.4
	2-4	4/13/2004	ND(0.21)	2.6	3.3	5.9
	4-6	4/13/2004	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
3C-SB-25	0-1	4/13/2004	ND(4.0)	14	33	47
	1-2	4/13/2004	ND(7.5)	27	55	82
	2-4	4/13/2004	ND(11)	47	100	147
	4-6	4/13/2004	ND(0.045) [ND(2.1)]	1.1 [9.3]	0.88 [25]	1.98 [34.3]
3C-SB-26	0-1	4/13/2004	ND(0.46)	4.9	11	15.9
	1-2	4/13/2004	ND(0.76)	9.6	31	40.6
	2-4	4/13/2004	ND(4.0)	23	59	82
	4-6	4/13/2004	ND(0.044)	0.26	0.52	0.78
3C-SS-1	0-1	4/15/2004	ND(0.19)	1.5	3.8	5.3
3C-SS-2	0-1	4/15/2004	ND(0.040) [ND(0.040)]	1.1 [0.77]	1.4 [1.5]	2.5 [2.27]
3C-SS-3	0-1	4/15/2004	ND(0.19)	1.8	2.7	4.5
3C-SS-4	0-1	4/15/2004	ND(0.20)	2.0	3.9	5.9
3C-SS-5	0-1	4/15/2004	ND(0.037)	0.041	0.094	0.135
3C-SS-6	0-1	4/16/2004	ND(0.20)	1.6	2.4	4.0
3C-SS-7	0-1	4/16/2004	ND(3.9)	21	39	60
3C-SS-8	0-1	4/16/2004	ND(0.21)	2.1	3.0	5.1
3C-SS-9	0-1	4/16/2004	ND(0.20)	2.1	3.0	5.1
3C-SS-10	0-1	4/16/2004	ND(0.19)	1.7	2.3	4.0
3C-SS-11	0-1	4/16/2004	ND(0.20)	3.4	6.0	9.4
3C-SS-12	0-1	4/16/2004	ND(0.040)	0.63	1.1	1.73
3C-SS-13	0-1	4/16/2004	ND(0.20)	2.6	4.2	6.8
3C-SS-14	0-1	4/16/2004	ND(0.040)	0.50	0.60	1.1
3C-SS-15	0-1	4/16/2004	ND(0.20)	2.7	4.2	6.9
3C-SS-16	0-1	4/16/2004	ND(2.1)	22	36	58
3C-SS-17	0-1	4/16/2004	ND(2.2)	19	30	49
3C-SS-18	0-1	4/16/2004	ND(2.0)	26	36	62
3C-SS-19	0-1	4/9/2004	ND(0.040)	0.25	0.23	0.48
3C-SS-20	0-1	4/9/2004	ND(3.8)	31	72	103
3C-SS-22	0-1	4/9/2004	ND(0.036)	0.14	0.24	0.38
3C-SS-23	0-1	4/9/2004	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
3C-SS-24	0-1	4/9/2004	ND(0.048)	0.25	ND(0.048)	0.25
3C-SS-25	0-1	4/16/2004	ND(0.43)	2.4	3.9	6.3
3C-SS-26	0-1	4/16/2004	ND(0.85)	6.3	9.4	15.7
3C-SS-27	0-1	4/14/2004	ND(0.19)	1.2	1.8	3.0
3C-SS-28	0-1	4/14/2004	ND(0.21)	2.4	3.6	6.0
3C-SS-29	0-1	4/14/2004	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
3C-SS-30	0-1	4/14/2004	ND(0.40)	5.1	15	20.1



**TABLE 16&17-2  
PCB DATA RECEIVED DURING APRIL 2004**

**SOIL BORING PROGRAM  
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
3C-SS-31	0-1	4/14/2004	ND(0.040)	0.20	0.35	0.55
3C-SS-32	0-1	4/16/2004	ND(0.039)	ND(0.039)	0.027 J	0.027 J
3D-SB-1	0-1	4/5/2004	ND(0.041)	0.37	0.72	1.09
	1-2	4/5/2004	ND(0.038)	0.026 J	0.063	0.089
	2-4	4/5/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	4-6	4/5/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
3D-SB-2	2-4	4/5/2004	ND(0.037)	ND(0.037)	0.038	0.038
	4-6	4/5/2004	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]
3D-SB-3	0-1	4/5/2004	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	1-2	4/5/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	2-4	4/5/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	4-6	4/5/2004	ND(0.036)	ND(0.036)	0.018 J	0.018 J
3D-SB-4	0-1	4/5/2004	ND(2.1)	13	16	29
	1-2	4/5/2004	ND(2.1)	12	12	24
	2-4	4/5/2004	ND(0.042)	0.18	0.12	0.30
	4-6	4/5/2004	ND(0.044)	ND(0.044)	0.022 J	0.022 J
3D-SB-5	0-1	3/29/2004	ND(0.038) [ND(0.038)]	0.047 [0.028 J]	0.044 [0.053]	0.091 [0.081]
	1-2	3/29/2004	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	2-4	3/29/2004	ND(0.038)	0.067	0.032 J	0.099
	4-6	3/29/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
3D-SB-6	2-4	3/29/2004	ND(0.048)	0.47	0.53	1.0
	4-6	3/29/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
3D-SB-7	0-1	3/29/2004	ND(0.041)	0.030 J	0.024 J	0.054 J
	1-2	3/29/2004	ND(2.0)	8.8	11	19.8
	2-4	3/29/2004	ND(0.043)	0.54	0.64	1.18
	4-6	3/29/2004	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
3D-SB-8	2-4	3/29/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	4-6	3/29/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
3D-SB-9	0-1	3/29/2004	ND(0.40)	3.3	5.4	8.7
	1-2	3/29/2004	ND(2.0) [ND(0.20)]	12 [5.3]	15 [6.6]	27 [11.9]
	2-4	3/29/2004	ND(0.40)	4.2	4.7	8.9
	4-6	3/29/2004	ND(0.039)	0.82	1.1	1.92
	6-8	3/29/2004	ND(0.043)	0.047	0.081	0.128
	8-10	3/29/2004	ND(0.043)	0.044	0.074	0.118
3D-SB-10	0-1	3/29/2004	ND(0.43)	4.1	6.5	10.6
	1-2	3/29/2004	ND(0.036)	0.79	1.0	1.79
	2-4	3/29/2004	ND(0.038)	0.45	0.46	0.91
	4-6	3/29/2004	ND(0.042)	0.33	0.42	0.75
	6-8	3/29/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
3D-SB-11	0-1	3/29/2004	ND(0.038)	0.045	0.050	0.095
	1-2	3/29/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	2-4	3/29/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	4-6	3/29/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
3D-SB-12	2-4	3/29/2004	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	4-6	3/29/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
3D-SB-13	2-4	3/29/2004	ND(0.037)	0.46	0.62	1.08
	4-6	3/29/2004	ND(0.21)	4.9	5.5	10.4
	6-8	3/29/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
3D-SB-14	2-4	3/29/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	4-6	3/29/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)

**TABLE 16&17-2  
PCB DATA RECEIVED DURING APRIL 2004**

**SOIL BORING PROGRAM  
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
3D-SB-15	0-1	3/30/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	1-2	3/30/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	2-4	3/30/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	4-6	3/30/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
3D-SB-16	0-1	3/30/2004	ND(2.2)	12	16	28
	1-2	3/30/2004	ND(0.19)	2.6	3.6	6.2
	2-4	3/30/2004	ND(0.045)	0.052	0.087	0.139
	4-6	3/30/2004	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
3D-SB-17	0-1	3/30/2004	ND(0.20)	2.3	4.3	6.6
	1-2	3/30/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	2-4	3/30/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	4-6	3/30/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
3D-SB-18	0-1	3/30/2004	ND(0.039)	0.16	0.19	0.35
	1-2	3/30/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	2-4	3/30/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	4-6	3/30/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
3D-SB-19	0-1	3/30/2004	ND(0.039)	0.67	0.94	1.61
	1-2	3/30/2004	ND(0.037)	0.090	0.074	0.164
	2-4	3/30/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	4-6	3/30/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
3D-SB-20	0-1	3/30/2004	ND(0.040)	1.1	1.4	2.5
	1-2	3/30/2004	ND(0.038)	0.91	1.1	2.01
	2-4	3/30/2004	ND(0.040)	0.80	1.0	1.8
	4-6	3/30/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
3D-SB-21	2-4	3/30/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	4-6	3/30/2004	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]
3D-SB-22	0-1	3/30/2004	ND(0.041)	0.075	0.16	0.235
	1-2	3/30/2004	ND(0.038)	ND(0.038)	0.065	0.065
	2-4	3/30/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	4-6	3/30/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
3D-SB-23	2-4	3/30/2004	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	4-6	3/30/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
3D-SB-24	0-1	3/30/2004	ND(0.041)	ND(0.041)	0.088	0.088
	1-2	3/30/2004	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	2-4	3/30/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	4-6	3/30/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
3D-SS-1	0-1	4/5/2004	ND(0.042)	0.036 J	0.039 J	0.075 J
3D-SS-2	0-1	4/5/2004	ND(0.22)	2.1	3.2	5.3
3D-SS-3	0-1	4/5/2004	ND(0.043) [ND(0.043)]	ND(0.043) [0.083]	0.078 [0.084]	0.078 [0.167]
3D-SS-4	0-1	4/5/2004	ND(0.041)	0.41	0.59	1.0
3D-SS-5	0-1	4/5/2004	ND(0.038)	ND(0.038)	0.076	0.076
3D-SS-6	0-1	3/31/2004	ND(0.040)	ND(0.040)	0.031 J	0.031 J
3D-SS-7	0-1	3/31/2004	ND(0.042)	ND(0.042)	0.039 J	0.039 J
3D-SS-8	0-1	3/31/2004	ND(0.041)	0.046	0.082	0.128
3D-SS-9	0-1	3/31/2004	ND(0.43)	7.0	9.2	16.2
3D-SS-10	0-1	3/31/2004	ND(0.22)	1.6	2.1	3.7
3D-SS-11	0-1	3/31/2004	ND(0.040)	0.32	0.57	0.89
3D-SS-12	0-1	3/31/2004	ND(0.038)	0.17	0.26	0.43
3D-SS-13	0-1	3/31/2004	ND(0.043)	0.18	0.26	0.44
3D-SS-14	0-1	3/31/2004	ND(0.038)	0.14	0.27	0.41
3D-SS-15	0-1	3/31/2004	ND(0.046)	0.11	0.14	0.25
3D-SS-16	0-1	3/31/2004	ND(0.42)	3.7	6.7	10.4
3D-SS-17	0-1	3/31/2004	ND(0.042)	0.52	0.83	1.35
3D-SS-18	0-1	3/31/2004	ND(0.39)	2.8	3.4	6.2

**TABLE 16&17-2  
PCB DATA RECEIVED DURING APRIL 2004**

**SOIL BORING PROGRAM  
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
3D-SS-19	0-1	3/31/2004	ND(0.42) [ND(0.44)]	5.8 [4.2]	7.7 [6.3]	13.5 [10.5]
3D-SS-20	0-1	3/31/2004	ND(0.042)	ND(0.042)	0.031 J	0.031 J

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Field duplicate sample results are presented in brackets.

Data Qualifiers:

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

**ITEM 18**  
**HOUSATONIC RIVER FLOODPLAIN**  
**CURRENT RESIDENTIAL PROPERTIES**  
**DOWNSTREAM OF CONFLUENCE**  
**(ACTUAL/POTENTIAL LAWNS)**  
**(GEC730)**  
**APRIL 2004**

a. **Activities Undertaken/Completed**

None

b. **Sampling/Test Results Received**

None

c. **Work Plans/Reports/Documents Submitted**

None

d. **Upcoming Scheduled Activities (next six weeks)**

None

e. **General Progress/Unresolved Issues/Potential Schedule Impacts**

Awaiting EPA approval of GE's Pre-Design Investigation Work Plan (submitted on April 26, 2002). (Based on discussions with EPA, it appears that this pre-design sampling may be deferred for some period of time.)\*

f. **Proposed/Approved Work Plan Modifications**

None

**ITEM 20  
OTHER AREAS  
SILVER LAKE AREA  
(GECD600)  
APRIL 2004**

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

**a. Activities Undertaken/Completed**

- Completed supplemental pre-design soil sampling as approved by EPA on March 30, 2004, including sample locations from Parcel I9-9-24 that were previously inaccessible.
- Performed water level monitoring at lake piezometers and wells surrounding lake (see Item 21.a). Seven of 10 piezometers installed in Silver Lake were either damaged or could not be found following the winter season.

**b. Sampling/Test Results Received**

See attached tables.

**c. Work Plans/Reports/Documents Submitted**

None

**d. Upcoming Scheduled Activities (next six weeks)**

Continue water-level monitoring for wells and lake piezometers remaining. GE plans to discontinue monitoring at the piezometers that were damaged or missing after the 2003/2004 winter season and will discuss with EPA at an upcoming technical meeting.

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

As noted in GE's Pre-Design Investigation Report for Silver Lake Sediments, GE will discuss with EPA a pilot study for capping of Silver Lake sediments.

**f. Proposed/Approved Work Plan Modifications**

None

**TABLE 20-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**SILVER LAKE AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Depth (feet)</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Supplemental Soil Sampling	I9-10-10-SB-1	4/30/04	0-1	Soil	CT&E	PCB	
Supplemental Soil Sampling	I9-10-10-SB-1	4/30/04	1-3	Soil	CT&E	PCB	
Supplemental Soil Sampling	I9-10-10-SB-1	4/30/04	11-13	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-1	4/30/04	13-15	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-1	4/30/04	3-5	Soil	CT&E	PCB	
Supplemental Soil Sampling	I9-10-10-SB-1	4/30/04	5-7	Soil	CT&E	PCB	
Supplemental Soil Sampling	I9-10-10-SB-1	4/30/04	7-9	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-1	4/30/04	9-11	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-2	4/30/04	0-1	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-2	4/30/04	1-3	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-2	4/30/04	11-13	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-2	4/30/04	13-15	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-2	4/30/04	3-5	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-2	4/30/04	5-7	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-2	4/30/04	7-9	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-2	4/30/04	9-11	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-3	4/30/04	0-1	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-3	4/30/04	1-3	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-3	4/30/04	11-12	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-3	4/30/04	3-5	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-3	4/30/04	5-7	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-3	4/30/04	7-9	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-3	4/30/04	9-11	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-4	4/30/04	0-1	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-4	4/30/04	1-3	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-4	4/30/04	11-13	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-4	4/30/04	13-15	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-4	4/30/04	3-5	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-4	4/30/04	5-7	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-4	4/30/04	7-9	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-4	4/30/04	9-11	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-5	4/30/04	0-1	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-5	4/30/04	1-3	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-5	4/30/04	11-13	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-5	4/30/04	13-15	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-5	4/30/04	3-5	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-5	4/30/04	5-7	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-5	4/30/04	7-9	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-10-SB-5	4/30/04	9-11	Soil	CT&E	PCB	On Hold
Supplemental Soil Sampling	I9-10-8-SB-11	4/14/04	11-13	Soil	CT&E	PCB	Extract and Hold
Supplemental Soil Sampling	I9-10-8-SB-11	4/14/04	13-15	Soil	CT&E	PCB	Extract and Hold

**TABLE 20-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**SILVER LAKE AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Depth (feet)</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Supplemental Soil Sampling	I9-10-8-SB-11	4/14/04	9-11	Soil	CT&E	PCB	Extract and Hold
Supplemental Soil Sampling	I9-10-8-SB-12	4/14/04	11-13	Soil	CT&E	PCB	Extract and Hold
Supplemental Soil Sampling	I9-10-8-SB-12	4/14/04	13-15	Soil	CT&E	PCB	Extract and Hold
Supplemental Soil Sampling	I9-10-8-SB-12	4/14/04	7-9	Soil	CT&E	PCB	4/28/04
Supplemental Soil Sampling	I9-10-8-SB-12	4/14/04	9-11	Soil	CT&E	PCB	
Supplemental Soil Sampling	I9-9-19-SB-3	2/20/04	0-1	Soil	CT&E	PCB	4/16/04
Supplemental Soil Sampling	I9-9-19-SB-3	2/20/04	3-5	Soil	CT&E	PCB	4/16/04
Supplemental Soil Sampling	I9-9-19-SB-3	2/20/04	5-7	Soil	CT&E	PCB	4/16/04
Supplemental Soil Sampling	I9-9-19-SB-3	2/20/04	7-8	Soil	CT&E	PCB	4/16/04
Supplemental Soil Sampling	I9-9-19-SB-3	2/20/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	4/16/04
Supplemental Soil Sampling	I9-9-21-SB-10	4/13/04	0-1	Soil	CT&E	PCB	4/28/04
Supplemental Soil Sampling	I9-9-21-SB-10	4/13/04	1-3	Soil	CT&E	PCB	4/28/04
Supplemental Soil Sampling	I9-9-21-SB-10	4/13/04	10-15	Soil	CT&E	PCB	Extract and Hold
Supplemental Soil Sampling	I9-9-21-SB-10	4/13/04	3-6	Soil	CT&E	PCB	4/28/04
Supplemental Soil Sampling	I9-9-21-SB-10	4/13/04	6-10	Soil	CT&E	PCB	4/28/04
Supplemental Soil Sampling	I9-9-21-SB-11	4/13/04	0-1	Soil	CT&E	PCB	
Supplemental Soil Sampling	I9-9-21-SB-11	4/13/04	1-3	Soil	CT&E	PCB	
Supplemental Soil Sampling	I9-9-21-SB-11	4/13/04	10-15	Soil	CT&E	PCB	Extract and Hold
Supplemental Soil Sampling	I9-9-21-SB-11	4/13/04	3-6	Soil	CT&E	PCB	
Supplemental Soil Sampling	I9-9-21-SB-11	4/13/04	6-10	Soil	CT&E	PCB	Extract and Hold
Supplemental Soil Sampling	I9-9-22-SB-4	4/12/04	0-1	Soil	CT&E	PCB	4/28/04
Supplemental Soil Sampling	I9-9-22-SB-4	4/12/04	1-3	Soil	CT&E	PCB	4/28/04
Supplemental Soil Sampling	I9-9-22-SB-4	4/12/04	10-15	Soil	CT&E	PCB	4/28/04
Supplemental Soil Sampling	I9-9-22-SB-4	4/12/04	3-6	Soil	CT&E	PCB	4/28/04
Supplemental Soil Sampling	I9-9-22-SB-4	4/12/04	6-10	Soil	CT&E	PCB	4/28/04
Supplemental Soil Sampling	I9-9-22-SB-5	4/12/04	0-1	Soil	CT&E	PCB	4/28/04
Supplemental Soil Sampling	I9-9-22-SB-5	4/12/04	1-3	Soil	CT&E	PCB	4/28/04
Supplemental Soil Sampling	I9-9-22-SB-5	4/12/04	10-15	Soil	CT&E	PCB	4/28/04
Supplemental Soil Sampling	I9-9-22-SB-5	4/12/04	3-6	Soil	CT&E	PCB	4/28/04
Supplemental Soil Sampling	I9-9-22-SB-5	4/12/04	6-10	Soil	CT&E	PCB	4/28/04
Supplemental Soil Sampling	I9-9-22-SB-6	4/12/04	0-1	Soil	CT&E	PCB	Cancel
Supplemental Soil Sampling	I9-9-22-SB-6	4/12/04	1-3	Soil	CT&E	PCB	Cancel
Supplemental Soil Sampling	I9-9-22-SB-6	4/12/04	10-15	Soil	CT&E	PCB	Cancel
Supplemental Soil Sampling	I9-9-22-SB-6	4/12/04	3-6	Soil	CT&E	PCB	Cancel
Supplemental Soil Sampling	I9-9-22-SB-6	4/12/04	6-10	Soil	CT&E	PCB	Cancel
Supplemental Soil Sampling	I9-9-22-SB-7	4/12/04	0-1	Soil	CT&E	PCB	Cancel
Supplemental Soil Sampling	I9-9-22-SB-7	4/12/04	1-3	Soil	CT&E	PCB	Cancel
Supplemental Soil Sampling	I9-9-22-SB-7	4/12/04	10-15	Soil	CT&E	PCB	Cancel
Supplemental Soil Sampling	I9-9-22-SB-7	4/12/04	3-6	Soil	CT&E	PCB	Cancel
Supplemental Soil Sampling	I9-9-22-SB-7	4/12/04	6-10	Soil	CT&E	PCB	Cancel
Supplemental Soil Sampling	I9-9-24-SB-2	4/13/04	11-13	Soil	CT&E	PCB	4/28/04

**TABLE 20-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**SILVER LAKE AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Depth (feet)</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Supplemental Soil Sampling	I9-9-24-SB-2	4/13/04	13-15	Soil	CT&E	PCB	
Supplemental Soil Sampling	I9-9-25-SB-10	4/13/04	0-1	Soil	CT&E	PCB	4/28/04
Supplemental Soil Sampling	I9-9-25-SB-10	4/13/04	1-3	Soil	CT&E	PCB	4/28/04
Supplemental Soil Sampling	I9-9-25-SB-10	4/13/04	10-15	Soil	CT&E	PCB	Cancel
Supplemental Soil Sampling	I9-9-25-SB-10	4/13/04	3-6	Soil	CT&E	PCB	4/28/04
Supplemental Soil Sampling	I9-9-25-SB-10	4/13/04	6-10	Soil	CT&E	PCB	Cancel
Supplemental Soil Sampling	SL-DUP-29 (I9-9-25-SB-10)	4/13/04	3-6	Soil	CT&E	PCB	4/28/04

Notes:

1. Field duplicate sample locations are presented in parenthesis.



**TABLE 20-2  
PCB DATA RECEIVED DURING APRIL 2004**

**SUPPLEMENTAL SOIL SAMPLING  
SILVER LAKE AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
I9-9-19-SB-3	0-1	2/20/2004	ND(0.043)	0.64	0.96	1.6
	1-3	2/20/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	3-5	2/20/2004	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	5-7	2/20/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	7-8	2/20/2004	ND(0.059)	ND(0.059)	ND(0.059)	ND(0.059)
I9-9-21-SB-10	0-1	4/13/2004	ND(0.037)	0.34	0.89	1.23
	1-3	4/13/2004	ND(0.40)	4.1	8.6	12.7
	3-6	4/13/2004	ND(0.20)	ND(0.20)	2.2	2.2
	6-10	4/13/2004	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
I9-9-22-SB-4	0-1	4/12/2004	ND(0.035)	0.16	0.17	0.33
	1-3	4/12/2004	ND(0.043)	0.052	0.031 J	0.083
	3-6	4/12/2004	ND(0.055)	0.25	0.062	0.312
	6-10	4/12/2004	ND(0.050)	0.027 J	ND(0.050)	0.027 J
	10-15	4/12/2004	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
I9-9-22-SB-5	0-1	4/12/2004	ND(0.036)	0.087	0.10	0.187
	1-3	4/12/2004	ND(0.041)	0.018 J	0.041 J	0.059 J
	3-6	4/12/2004	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)
	6-10	4/12/2004	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
	10-15	4/12/2004	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)
I9-9-24-SB-2	11-13	4/13/2004	ND(0.048)	1.1	0.63	1.73
I9-9-25-SB-10	0-1	4/13/2004	ND(0.038)	0.69	0.37	1.06
	1-3	4/13/2004	ND(0.038)	1.0	0.53	1.53
	3-6	4/13/2004	ND(0.042) [ND(0.041)]	ND(0.042) [ND(0.041)]	ND(0.042) [ND(0.041)]	ND(0.042) [ND(0.041)]
I9-10-8-SB-12	7-9	4/14/2004	ND(23)	100	23 J	503

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Field duplicate sample results are presented in brackets.

Data Qualifiers:

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

TABLE 20-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004

SUPPLEMENTAL SOIL SAMPLING  
SILVER LAKE AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	19-9-19-SB-3 1-3 02/20/04
<b>Volatile Organics</b>		
None Detected		--
<b>Semivolatile Organics</b>		
2-Methylnaphthalene		0.12 J
Acenaphthylene		0.81
Anthracene		0.52
Benzo(a)anthracene		1.5
Benzo(a)pyrene		1.4
Benzo(b)fluoranthene		1.2
Benzo(g,h,i)perylene		0.87
Benzo(k)fluoranthene		1.2
Chrysene		1.6
Dibenzofuran		0.10 J
Fluoranthene		2.8
Fluorene		0.15 J
Indeno(1,2,3-cd)pyrene		0.74
Naphthalene		0.40
Phenanthrene		1.4
Pyrene		2.6
<b>Furans</b>		
2,3,7,8-TCDF		ND(0.000000069)
TCDFs (total)		ND(0.000000069)
1,2,3,7,8-PeCDF		ND(0.00000012)
2,3,4,7,8-PeCDF		ND(0.00000012)
PeCDFs (total)		ND(0.00000012)
1,2,3,4,7,8-HxCDF		ND(0.000000064)
1,2,3,6,7,8-HxCDF		ND(0.000000074)
1,2,3,7,8,9-HxCDF		ND(0.000000032)
2,3,4,6,7,8-HxCDF		ND(0.000000046)
HxCDFs (total)		ND(0.000000074)
1,2,3,4,6,7,8-HpCDF		ND(0.000000090)
1,2,3,4,7,8,9-HpCDF		ND(0.000000074)
HpCDFs (total)		ND(0.000000090)
OCDF		0.0000018
<b>Dioxins</b>		
2,3,7,8-TCDD		ND(0.000000071)
TCDDs (total)		ND(0.000000071)
1,2,3,7,8-PeCDD		ND(0.00000012)
PeCDDs (total)		ND(0.00000012)
1,2,3,4,7,8-HxCDD		ND(0.000000088)
1,2,3,6,7,8-HxCDD		ND(0.000000092)
1,2,3,7,8,9-HxCDD		ND(0.000000097)
HxCDDs (total)		ND(0.000000097)
1,2,3,4,6,7,8-HpCDD		0.0000018
HpCDDs (total)		0.0000018
OCDD		0.000011 B
Total TEQs (WHO TEFs)		0.00000018
<b>Inorganics</b>		
Arsenic		5.00
Barium		30.0
Beryllium		0.160 B
Cadmium		0.640
Chromium		7.50
Cobalt		7.50
Copper		32.0
Cyanide		0.110 B
Lead		59.0
Mercury		0.120
Nickel		13.0
Sulfide		59.0
Tin		6.30 B
Vanadium		6.20
Zinc		75.0

TABLE 20-3  
APPENDIX IX+3 DATA RECEIVED DURING APRIL 2004

SUPPLEMENTAL SOIL SAMPLING  
SILVER LAKE AREA  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Sample was collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of Appendix IX+3 constituents.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
4. With the exception of dioxin/furans, only detected constituents are summarized.
5. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- J - Indicates an estimated value less than the practical quantitation limit (PQL).
- B - Analyte was also detected in the associated method blank.

Inorganics

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

**ITEM 21  
GROUNDWATER MANAGEMENT AREAS  
PLANT SITE 1 (GMA 1)  
(GECD310)  
APRIL 2004**

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

**a. Activities Undertaken/Completed**

**General:**

- Conducted interim semi-annual groundwater sampling event.

**East Street Area 1-North and South:**

- Continued automated groundwater and NAPL pumping at North Side and South Side Caissons. One gallon of oil was removed from each caisson in April.
- Completed semi-annual bailing round at wells that contained NAPL in 2003. Recoverable quantities of NAPL were not encountered in any of the wells monitored during April.

**East Street Area 2-South:**

- Continued automated groundwater and LNAPL removal activities. A total of approximately 5,171,887 gallons of groundwater was recovered from pumping systems 64R, 64S, 64V, 64X, RW-1(S), RW-1(X), and RW-2(X). In addition, approximately 4,023 gallons of LNAPL were removed from pumping systems 64R, 64V, RW-1(S), RW-1(X), 64X, and 64S Caisson.
- Continued automated DNAPL removal activities. Removed approximately 79 gallons of DNAPL from pumping system RW-3(X).
- Continued routine well monitoring and manual NAPL removal activities. Recoverable quantities of NAPL were not encountered in any of the wells monitored during April.
- Treated/discharged 5,576,358 gallons of water through 64G Groundwater Treatment Facility.

**East Street Area 2-North:**

- Continued routine well monitoring and manual NAPL removal activities and initiated semi-annual bailing round at wells that contained NAPL in 2003. Recoverable quantities of NAPL were not encountered in any of the wells monitored during April.

**ITEM 21  
(cont'd)  
GROUNDWATER MANAGEMENT AREAS  
PLANT SITE 1 (GMA 1)  
(GEC310)  
APRIL 2004**

**a. Activities Undertaken/Completed (cont'd)**

**20s, 30s, and 40s Complexes:**

- Continued routine well monitoring and manual NAPL removal activities. Approximately 0.62 liter (0.16 gallon) of LNAPL was removed from wells in this area.
- Provided verbal notification on April 7, 2004 to EPA/MDEP of potential threat of release in Building 43 elevator shaft. MDEP responded with a NOR letter dated April 9, 2004 (Attachment D).
- Recovered 175 gallons of oil from Building 43 elevator shaft.

**Lyman Street Area:**

- Continued automated groundwater and NAPL removal activities. One gallon of LNAPL was removed from well RW-3 during April.
- Continued routine well monitoring and manual NAPL removal activities and conducted semi-annual bailing round at all wells that contained NAPL in 2003. Approximately 3.6 liters (0.96 gallon) of DNAPL were removed from wells located in this area.

**Newell Street Area II:**

- Continued automated DNAPL recovery, with the collection of approximately 346 gallons of DNAPL from the automated collection systems.
- Continued routine well monitoring and manual NAPL removal activities and conducted semi-annual bailing round at all wells that contained NAPL in 2003. Approximately 0.42 liter (0.11 gallon) of LNAPL and approximately 4.07 liters (1.07 gallons) of DNAPL were removed from wells in this area.

**Silver Lake:**

- Continued routine well monitoring and piezometer monitoring. Several piezometers were missing or leaning over under the water surface (see Item 20.a above).

**ITEM 21**  
**(cont'd)**  
**GROUNDWATER MANAGEMENT AREAS**  
**PLANT SITE 1 (GMA 1)**  
**(GEC310)**  
**APRIL 2004**

**b. Sampling/Test Results Received**

- See attached tables.
- Preliminary analytical results received in April 2004 from the spring 2004 GMA 1 interim groundwater quality monitoring activities are shown in Table 21-2. These preliminary results have been compared to the applicable Method 1 GW-2 and GW-3 groundwater standards and UCLs for groundwater set forth in the MCP. These comparisons indicate the following:
  - The MCP UCL for total PCBs in groundwater (0.005 ppm) was exceeded in the filtered sample from monitoring well E2SC-23. Similar exceedances were previously observed in unfiltered samples from this well. EPA and MDEP were notified of the new UCL exceedance on April 27, 2004.
  - There were no other exceedances of UCLs in any of the groundwater sample results received in April 2004.
  - The MCP GW-2 standards were not exceeded in any of the GW-2 groundwater sample results received in April 2004.
  - The MCP GW-3 standard for cyanide (0.01 ppm) was exceeded in the filtered samples from monitoring wells ESA2S-52 and HR-G1-MW-3. A cyanide concentration equal to the MCP GW-3 standard was previously observed at well HR-G1-MW-3.
  - The MCP GW-3 standard for total PCBs (0.0003 ppm) was exceeded in the filtered samples from monitoring wells E2SC-23, ES1-5, ES1-27R, and LSSC-8S. Similar exceedances were previously observed in wells E2SC-23, ES1-5 and ES1-27R.
  - No other MCP GW-3 standards were exceeded in any of the groundwater sample results received in April 2004.

**c. Work Plans/Reports/Documents Submitted**

None

**ITEM 21**  
**(cont'd)**  
**GROUNDWATER MANAGEMENT AREAS**  
**PLANT SITE 1 (GMA 1)**  
**(GEC310)**  
**APRIL 2004**

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

- Complete spring 2004 interim groundwater sampling event.
- Possibly install two soil borings downgradient of wells GMA1-15 and GMA1-16 upon EPA approval (see Item 21.f. below).
- Provide response to MDEP NOR letter.

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

- GE was unable to sample four monitoring wells scheduled to be included in the spring 2004 interim monitoring program. Those wells are:
  - ESA1S-33 (could not obtain low turbidity samples);
  - ES1-14 (access has been revoked by property owner);
  - GMA1-2 (well dried during purging and did not recharge); and
  - 139 (well is damaged/obstructed).

GE will schedule a technical call with EPA to discuss its proposed response to these issues.

**f. Proposed/Approved Work Plan Modifications**

The *Plant Site 1 Groundwater Management Area NAPL Monitoring Report for Fall 2003* contained a number of proposed modifications to the NAPL monitoring/recovery program at this GMA. These included a proposal to install two soil borings downgradient of wells GMA1-15 and GMA1-16 within 1 month of EPA approval of that report. The soil boring results will be compared with other soil boring logs in the area and GE will propose at least two locations for NAPL monitoring well installations.

**TABLE 21-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**GROUNDWATER MANAGEMENT AREA 1  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Semi-Annual Groundwater Sampling	DUP-1 (ES1-05)	4/6/04	Water	CT&E	PCB(f)	4/13/04
Semi-Annual Groundwater Sampling	DUP-2 (RF-16)	4/7/04	Water	CT&E	CN(f)	4/13/04
Semi-Annual Groundwater Sampling	DUP-3 (LSSC-16S)	4/9/04	Water	CT&E	VOC	4/26/04
Semi-Annual Groundwater Sampling	E2SC-23	4/7/04	Water	CT&E	PCB(f)	4/19/04
Semi-Annual Groundwater Sampling	E2SC-24	4/8/04	Water	CT&E	PCB(f)	Cancel
Semi-Annual Groundwater Sampling	ES1-05	4/6/04	Water	CT&E	PCB(f)	4/13/04
Semi-Annual Groundwater Sampling	ES1-27R	4/6/04	Water	CT&E	PCB(f)	4/13/04
Semi-Annual Groundwater Sampling	ES2-02A	4/7/04	Water	CT&E	CN(f)	4/19/04
Semi-Annual Groundwater Sampling	ESA1N-52	4/9/04	Water	CT&E	PCB(f)	4/26/04
Semi-Annual Groundwater Sampling	ESA2S-52	4/7/04	Water	CT&E	CN(f)	4/13/04
Semi-Annual Groundwater Sampling	GMA1-13	4/7/04	Water	CT&E	PCB(f)	4/13/04
Semi-Annual Groundwater Sampling	GMA1-4	4/6/04	Water	CT&E	VOC	4/13/04
Semi-Annual Groundwater Sampling	GMA1-6	4/9/04	Water	CT&E	PCB(f), VOC	4/26/04
Semi-Annual Groundwater Sampling	HR-G1-MW-3	4/8/04	Water	CT&E	CN(f)	4/19/04
Semi-Annual Groundwater Sampling	HR-G3-MW-1	4/8/04	Water	CT&E	PCB(f)	4/19/04
Semi-Annual Groundwater Sampling	LS-29	4/8/04	Water	CT&E	PCB(f)	4/19/04
Semi-Annual Groundwater Sampling	LS-MW-4R	4/9/04	Water	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	4/26/04
Semi-Annual Groundwater Sampling	LSSC-08S	4/8/04	Water	CT&E	PCB(f)	4/26/04
Semi-Annual Groundwater Sampling	LSSC-16S	4/9/04	Water	CT&E	VOC	4/26/04
Semi-Annual Groundwater Sampling	LSSC-18	4/8/04	Water	CT&E	PCB(f)	4/26/04
Semi-Annual Groundwater Sampling	N2SC-07S	4/12/04	Water	CT&E	PCB (f), VOC	4/20/04
Semi-Annual Groundwater Sampling	NS-17	4/12/04	Water	CT&E	VOC	4/20/04
Semi-Annual Groundwater Sampling	RF-02	4/6/04	Water	CT&E	PCB(f)	4/13/04
Semi-Annual Groundwater Sampling	RF-16	4/7/04	Water	CT&E	CN(f)	4/13/04

Notes:

1. Field duplicate sample locations are presented in parenthesis.
2. (f) - Indicates filtered analysis requested.



**TABLE 21-2  
DATA RECEIVED DURING APRIL 2004**

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

Parameter	Sample ID: Date Collected:	E2SC-23 04/07/04	ES1-05 04/06/04	ES1-27R 04/06/04	ES2-02A 04/07/04
<b>Volatile Organics</b>					
Chlorobenzene		NA	NA	NA	NA
Chloroform		NA	NA	NA	NA
Vinyl Chloride		NA	NA	NA	NA
<b>PCBs-Filtered</b>					
Aroclor-1254		0.0056	0.00034 [0.00028]	0.0019	NA
Aroclor-1260		0.0047	ND(0.000065) [ND(0.000065)]	0.00036	NA
Total PCBs		0.0103	0.00034 [0.00028]	0.00226	NA
<b>Semivolatile Organics</b>					
None Detected		NA	NA	NA	NA
<b>Furans</b>					
2,3,7,8-TCDF		NA	NA	NA	NA
TCDFs (total)		NA	NA	NA	NA
1,2,3,7,8-PeCDF		NA	NA	NA	NA
2,3,4,7,8-PeCDF		NA	NA	NA	NA
PeCDFs (total)		NA	NA	NA	NA
1,2,3,4,7,8-HxCDF		NA	NA	NA	NA
1,2,3,6,7,8-HxCDF		NA	NA	NA	NA
1,2,3,7,8,9-HxCDF		NA	NA	NA	NA
2,3,4,6,7,8-HxCDF		NA	NA	NA	NA
HxCDFs (total)		NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		NA	NA	NA	NA
HpCDFs (total)		NA	NA	NA	NA
OCDF		NA	NA	NA	NA
<b>Dioxins</b>					
2,3,7,8-TCDD		NA	NA	NA	NA
TCDDs (total)		NA	NA	NA	NA
1,2,3,7,8-PeCDD		NA	NA	NA	NA
PeCDDs (total)		NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		NA	NA	NA	NA
HxCDDs (total)		NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		NA	NA	NA	NA
HpCDDs (total)		NA	NA	NA	NA
OCDD		NA	NA	NA	NA
Total TEQs (WHO TEFs)		NA	NA	NA	NA
<b>Inorganics-Unfiltered</b>					
None Detected		NA	NA	NA	NA
<b>Inorganics-Filtered</b>					
Arsenic		NA	NA	NA	NA
Barium		NA	NA	NA	NA
Beryllium		NA	NA	NA	NA
Cyanide		NA	NA	NA	ND(0.0100)
Vanadium		NA	NA	NA	NA
Zinc		NA	NA	NA	NA

**TABLE 21-2  
DATA RECEIVED DURING APRIL 2004**

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

Parameter	Sample ID: Date Collected:	ESA1N-52 04/09/04	ESA2S-52 04/07/04	GMA1-4 04/06/04	GMA1-6 04/09/04	GMA1-13 04/07/04
<b>Volatile Organics</b>						
Chlorobenzene		NA	NA	ND(0.0050)	ND(0.0050)	NA
Chloroform		NA	NA	0.0057	ND(0.0050)	NA
Vinyl Chloride		NA	NA	ND(0.0020)	ND(0.0020)	NA
<b>PCBs-Filtered</b>						
Aroclor-1254		ND(0.000065)	NA	NA	ND(0.000065)	ND(0.000065)
Aroclor-1260		ND(0.000065)	NA	NA	ND(0.000065)	ND(0.000065)
Total PCBs		ND(0.000065)	NA	NA	ND(0.000065)	ND(0.000065)
<b>Semivolatile Organics</b>						
None Detected		NA	NA	--	--	NA
<b>Furans</b>						
2,3,7,8-TCDF		NA	NA	NA	NA	NA
TCDFs (total)		NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF		NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF		NA	NA	NA	NA	NA
PeCDFs (total)		NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF		NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF		NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF		NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF		NA	NA	NA	NA	NA
HxCDFs (total)		NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		NA	NA	NA	NA	NA
HpCDFs (total)		NA	NA	NA	NA	NA
OCDF		NA	NA	NA	NA	NA
<b>Dioxins</b>						
2,3,7,8-TCDD		NA	NA	NA	NA	NA
TCDDs (total)		NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD		NA	NA	NA	NA	NA
PeCDDs (total)		NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		NA	NA	NA	NA	NA
HxCDDs (total)		NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		NA	NA	NA	NA	NA
HpCDDs (total)		NA	NA	NA	NA	NA
OCDD		NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)		NA	NA	NA	NA	NA
<b>Inorganics-Unfiltered</b>						
None Detected		NA	NA	NA	NA	NA
<b>Inorganics-Filtered</b>						
Arsenic		NA	NA	NA	NA	NA
Barium		NA	NA	NA	NA	NA
Beryllium		NA	NA	NA	NA	NA
Cyanide		NA	0.0120	NA	NA	NA
Vanadium		NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA

**TABLE 21-2  
DATA RECEIVED DURING APRIL 2004**

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

Parameter	Sample ID: Date Collected:	HR-G1-MW-3 04/08/04	HR-G3-MW-1 04/08/04	LS-29 04/08/04	LS-MW-4R 04/09/04
<b>Volatile Organics</b>					
Chlorobenzene		NA	NA	NA	ND(0.0050)
Chloroform		NA	NA	NA	ND(0.0050)
Vinyl Chloride		NA	NA	NA	ND(0.0020)
<b>PCBs-Filtered</b>					
Aroclor-1254		NA	0.00016	0.000045 J	ND(0.000065)
Aroclor-1260		NA	0.000066	ND(0.000065)	ND(0.000065)
Total PCBs		NA	0.000226	0.000045 J	ND(0.000065)
<b>Semivolatile Organics</b>					
None Detected		NA	NA	NA	--
<b>Furans</b>					
2,3,7,8-TCDF		NA	NA	NA	ND(0.0000000024)
TCDFs (total)		NA	NA	NA	ND(0.0000000010)
1,2,3,7,8-PeCDF		NA	NA	NA	0.000000011 J
2,3,4,7,8-PeCDF		NA	NA	NA	0.000000072 J
PeCDFs (total)		NA	NA	NA	0.000000018
1,2,3,4,7,8-HxCDF		NA	NA	NA	0.000000082 J
1,2,3,6,7,8-HxCDF		NA	NA	NA	0.000000085 J
1,2,3,7,8,9-HxCDF		NA	NA	NA	0.000000072 J
2,3,4,6,7,8-HxCDF		NA	NA	NA	ND(0.0000000059)
HxCDFs (total)		NA	NA	NA	0.000000024
1,2,3,4,6,7,8-HpCDF		NA	NA	NA	0.000000070 J
1,2,3,4,7,8,9-HpCDF		NA	NA	NA	0.000000056 J
HpCDFs (total)		NA	NA	NA	0.000000013
OCDF		NA	NA	NA	0.000000092 J
<b>Dioxins</b>					
2,3,7,8-TCDD		NA	NA	NA	0.000000032 J
TCDDs (total)		NA	NA	NA	0.000000032
1,2,3,7,8-PeCDD		NA	NA	NA	0.000000011 J
PeCDDs (total)		NA	NA	NA	0.000000011
1,2,3,4,7,8-HxCDD		NA	NA	NA	0.000000078 J
1,2,3,6,7,8-HxCDD		NA	NA	NA	0.000000077 J
1,2,3,7,8,9-HxCDD		NA	NA	NA	ND(0.0000000086)
HxCDDs (total)		NA	NA	NA	0.000000016
1,2,3,4,6,7,8-HpCDD		NA	NA	NA	0.000000065 J
HpCDDs (total)		NA	NA	NA	0.000000065
OCDD		NA	NA	NA	0.000000015 J
Total TEQs (WHO TEFs)		NA	NA	NA	0.000000023
<b>Inorganics-Unfiltered</b>					
None Detected		NA	NA	NA	--
<b>Inorganics-Filtered</b>					
Arsenic		NA	NA	NA	0.00490 B
Barium		NA	NA	NA	0.0480 B
Beryllium		NA	NA	NA	0.000650 B
Cyanide		0.0110	NA	NA	ND(0.0100)
Vanadium		NA	NA	NA	0.00190 B
Zinc		NA	NA	NA	0.160

**TABLE 21-2  
DATA RECEIVED DURING APRIL 2004**

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

Parameter	Sample ID: Date Collected:	LSSC-08S 04/08/04	LSSC-16S 04/09/04	LSSC-18 04/08/04	N2SC-07S 04/12/04
<b>Volatile Organics</b>					
Chlorobenzene		NA	ND(0.0050) [ND(0.0050)]	NA	0.14
Chloroform		NA	ND(0.0050) [ND(0.0050)]	NA	ND(0.050)
Vinyl Chloride		NA	ND(0.0020) [ND(0.0020)]	NA	0.89
<b>PCBs-Filtered</b>					
Aroclor-1254		0.00041	NA	ND(0.00050)	0.000041 J
Aroclor-1260		ND(0.000065)	NA	ND(0.00050)	ND(0.000065)
Total PCBs		0.00041	NA	ND(0.00050)	0.000041 J
<b>Semivolatile Organics</b>					
None Detected		NA	--	NA	NA
<b>Furans</b>					
2,3,7,8-TCDF		NA	NA	NA	NA
TCDFs (total)		NA	NA	NA	NA
1,2,3,7,8-PeCDF		NA	NA	NA	NA
2,3,4,7,8-PeCDF		NA	NA	NA	NA
PeCDFs (total)		NA	NA	NA	NA
1,2,3,4,7,8-HxCDF		NA	NA	NA	NA
1,2,3,6,7,8-HxCDF		NA	NA	NA	NA
1,2,3,7,8,9-HxCDF		NA	NA	NA	NA
2,3,4,6,7,8-HxCDF		NA	NA	NA	NA
HxCDFs (total)		NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		NA	NA	NA	NA
HpCDFs (total)		NA	NA	NA	NA
OCDF		NA	NA	NA	NA
<b>Dioxins</b>					
2,3,7,8-TCDD		NA	NA	NA	NA
TCDDs (total)		NA	NA	NA	NA
1,2,3,7,8-PeCDD		NA	NA	NA	NA
PeCDDs (total)		NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		NA	NA	NA	NA
HxCDDs (total)		NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		NA	NA	NA	NA
HpCDDs (total)		NA	NA	NA	NA
OCDD		NA	NA	NA	NA
Total TEQs (WHO TEFs)		NA	NA	NA	NA
<b>Inorganics-Unfiltered</b>					
None Detected		NA	NA	NA	NA
<b>Inorganics-Filtered</b>					
Arsenic		NA	NA	NA	NA
Barium		NA	NA	NA	NA
Beryllium		NA	NA	NA	NA
Cyanide		NA	NA	NA	NA
Vanadium		NA	NA	NA	NA
Zinc		NA	NA	NA	NA

**TABLE 21-2  
DATA RECEIVED DURING APRIL 2004**

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

<b>Parameter</b>	<b>Sample ID: Date Collected:</b>	<b>NS-17 04/12/04</b>	<b>RF-02 04/06/04</b>	<b>RF-16 04/07/04</b>
<b>Volatile Organics</b>				
Chlorobenzene		0.075 J	NA	NA
Chloroform		ND(0.10)	NA	NA
Vinyl Chloride		0.68	NA	NA
<b>PCBs-Filtered</b>				
Aroclor-1254		NA	0.000021 J	NA
Aroclor-1260		NA	ND(0.000065)	NA
Total PCBs		NA	0.000021 J	NA
<b>Semivolatile Organics</b>				
None Detected		NA	NA	NA
<b>Furans</b>				
2,3,7,8-TCDF		NA	NA	NA
TCDFs (total)		NA	NA	NA
1,2,3,7,8-PeCDF		NA	NA	NA
2,3,4,7,8-PeCDF		NA	NA	NA
PeCDFs (total)		NA	NA	NA
1,2,3,4,7,8-HxCDF		NA	NA	NA
1,2,3,6,7,8-HxCDF		NA	NA	NA
1,2,3,7,8,9-HxCDF		NA	NA	NA
2,3,4,6,7,8-HxCDF		NA	NA	NA
HxCDFs (total)		NA	NA	NA
1,2,3,4,6,7,8-HpCDF		NA	NA	NA
1,2,3,4,7,8,9-HpCDF		NA	NA	NA
HpCDFs (total)		NA	NA	NA
OCDF		NA	NA	NA
<b>Dioxins</b>				
2,3,7,8-TCDD		NA	NA	NA
TCDDs (total)		NA	NA	NA
1,2,3,7,8-PeCDD		NA	NA	NA
PeCDDs (total)		NA	NA	NA
1,2,3,4,7,8-HxCDD		NA	NA	NA
1,2,3,6,7,8-HxCDD		NA	NA	NA
1,2,3,7,8,9-HxCDD		NA	NA	NA
HxCDDs (total)		NA	NA	NA
1,2,3,4,6,7,8-HpCDD		NA	NA	NA
HpCDDs (total)		NA	NA	NA
OCDD		NA	NA	NA
Total TEQs (WHO TEFs)		NA	NA	NA
<b>Inorganics-Unfiltered</b>				
None Detected		NA	NA	NA
<b>Inorganics-Filtered</b>				
Arsenic		NA	NA	NA
Barium		NA	NA	NA
Beryllium		NA	NA	NA
Cyanide		NA	NA	ND(0.0100) [ND(0.0100)]
Vanadium		NA	NA	NA
Zinc		NA	NA	NA

**TABLE 21-2  
DATA RECEIVED DURING APRIL 2004**

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

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs and Appendix IX+3 constituents.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.
6. Field duplicate sample results are presented in brackets.
7. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

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

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

Inorganics

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

**TABLE 21-3  
AUTOMATED LNAPL & GROUNDWATER RECOVERY SYSTEMS MONTHLY SUMMARY  
EAST STREET AREA 1 - NORTH & SOUTH  
GROUNDWATER MANAGEMENT AREA 1**

**CONSENT DECREE MONTHLY STATUS REPORT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
April 2004**

<b>Caisson</b>	<b>Month</b>	<b>Vol. LNAPL Collected (gallon)</b>	<b>Vol. Water Recovered (gallon)</b>	<b>Percent Downtime</b>
Northside	April 2003	2.0	45,800	
	May 2003	0.0	21,400	
	June 2003	0.0	20,800	
	July 2003	0.0	23,100	
	August 2003	0.0	13,800	
	September 2003	5.0	26,800	0.074 Power Outage
	October 2003	0.0	22,700	
	November 2003	0.0	37,300	
	December 2003	0.0	47,300	
	January 2004	2.5	23,700	0.40
	February 2004	0.0	16,300	
	March 2004	0.0	22,500	0.27 - Power Outage
	April 2004	1.0	29,100	
Southside	April 2003	0.0	12,500	
	May 2003	0.0	93,200	
	June 2003	0.0	100,100	
	July 2003	2.0	101,000	
	August 2003	0.0	65,900	1.19
	September 2003	0.0	77,600	0.074 Power Outage
	October 2003	0.0	94,000	
	November 2003	0.0	85,100	
	December 2003	0.0	106,600	
	January 2004	2.5	72,500	0.40
	February 2004	0.0	5,400	
	March 2004	0.0	68,200	0.27 - Power Outage
	April 2004	1.0	74,600	

**TABLE 21-4**  
**ROUTINE WELL MONITORING**  
**EAST STREET AREA 1 - NORTH & SOUTH**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**April 2004**

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
<b>GMA 1 - East Street Area 1 - North</b>									
25	1,000.70	4/7/2004	5.39	---	0.00	---	14.93	0.00	995.31
49	999.90	4/9/2004	4.93	---	0.00	---	20.69	0.00	994.97
52	999.26	4/9/2004	4.54	---	0.00	---	15.43	0.00	994.72
60R	1,004.03	4/7/2004	10.93	---	0.00	---	19.08	0.00	993.10
105	1,002.85	4/7/2004	6.31	6.25	0.06	---	17.40	0.00	996.60
106	1,004.06	4/7/2004	6.79	6.74	0.05	---	12.52	0.00	997.32
107	1,003.86	4/7/2004	5.70	---	0.00	---	17.71	0.00	998.16
108A	1,007.79	4/7/2004	9.95	---	0.00	---	21.75	0.00	997.84
109A	1,005.43	4/7/2004	7.78	---	0.00	---	20.54	0.00	997.65
118	1,001.50	4/7/2004	3.92	---	0.00	---	7.09	0.00	997.58
120	1,001.30	4/7/2004	5.51	---	0.00	---	14.59	0.00	995.79
128	1,001.41	4/7/2004	6.21	---	0.00	---	9.56	0.00	995.20
131	1,001.18	4/5/2004	4.01	---	0.00	---	6.49	0.00	997.17
131	1,001.18	4/9/2004	3.90	---	0.00	---	6.49	0.00	997.28
140	1,000.30	4/7/2004	6.82	---	0.00	---	15.25	0.00	993.48
ES1-08	1,000.85	4/20/2004	4.82	---	0.00	---	NM	0.00	996.03
ES1-08	1,000.85	4/7/2004	4.15	4.10	0.05	---	13.63	0.00	996.75
ES1-14	998.74	4/7/2004	No Property Access						NA
North Cassion	997.84	4/7/2004	18.31	18.30	0.01	---	19.80	0.00	979.54
North Cassion	997.84	4/14/2004	18.30	18.26	0.04	---	19.80	0.00	979.58
North Cassion	997.84	4/21/2004	18.25	18.15	0.10	---	19.80	0.00	979.68
North Cassion	997.84	4/27/2004	18.37	18.35	0.02	---	19.80	0.00	979.49
<b>GMA 1 - East Street Area 1 - South</b>									
31R	1,000.23	4/7/2004	7.97	---	0.00	---	15.04	0.00	992.26
33	999.50	4/7/2004	4.92	---	0.00	---	21.40	0.00	994.58
33	999.50	4/20/2004	5.58	---	0.00	---	NM	0.00	993.92
34	999.90	4/7/2004	5.14	---	0.00	---	21.01	0.00	994.76
35	1,000.15	4/7/2004	5.23	---	0.00	---	9.62	0.00	994.92
45	1,000.10	4/7/2004	5.20	---	0.00	---	20.77	0.00	994.90
46	999.80	4/7/2004	5.51	---	0.00	---	18.60	0.00	994.29
72	1,000.62	4/7/2004	5.95	---	0.00	---	22.01	0.00	994.67
72	1,000.62	4/20/2004	6.32	---	0.00	---	NM	0.00	994.30
72R	1,000.92	4/7/2004	5.74	---	0.00	---	12.92	0.00	995.18
72R	1,000.92	4/20/2004	6.13	---	0.00	---	13.45	0.00	994.79
75	1,000.65	4/7/2004	5.84	---	0.00	---	20.61	0.00	994.81
76	1,000.45	4/7/2004	6.67	6.63	0.04	---	18.72	0.00	993.82
78	997.61	4/9/2004	2.95	---	0.00	---	21.95	0.00	994.66
139	987.13	4/9/2004	Obstruction 3.36' BMP						NA
ES1-13	999.93	4/8/2004	5.70	---	0.00	---	12.84	0.00	994.23
GMA1-6	1,000.44	4/8/2004	7.39	---	0.00	---	15.10	0.00	993.05
GMA1-6	1,000.44	4/9/2004	7.49	---	0.00	---	15.18	0.00	992.95
GMA1-7	985.81	4/9/2004	11.92	---	0.00	---	14.85	0.00	973.89
South Cassion	1,001.11	4/7/2004	14.40	14.39	0.01	---	15.00	0.00	986.72
South Cassion	1,001.11	4/14/2004	12.90	12.86	0.04	---	15.00	0.00	988.25



**TABLE 21-4**  
**ROUTINE WELL MONITORING**  
**EAST STREET AREA 1 - NORTH & SOUTH**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**April 2004**

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
South Cassion	1,001.11	4/21/2004	14.30	13.85	0.45	---	15.00	0.00	987.23
South Cassion	1,001.11	4/27/2004	12.40	12.33	0.07	---	15.00	0.00	988.78

**NOTES:**

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

**TABLE 21-5**  
**AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS**  
**EAST STREET AREA 2 - SOUTH**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**  
**April 2004**

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64V	April 2003	425	1,752,300	
	May 2003	220	1,202,200	
	June 2003	408	1,092,800	
	July 2003	408	1,184,900	
	August 2003	391	1,026,400	
	September 2003	867	1,020,100	
	October 2003	1,071	1,482,600	
	November 2003	1,377	1,309,800	
	December 2003	2,261	1,719,700	6.7 - Replaced Pump
	January 2004	1,768	1,366,300	
	February 2004	408	1,091,800	0.3
	March 2004	1,173	1,370,200	0.27 - Power Outage
	April 2004	1,598	1,212,000	
	64R	April 2003	1,600	1,684,400
May 2003		370	571,600	
June 2003		175	483,000	
July 2003		750	525,200	
August 2003		300	580,600	
September 2003		1,150	639,200	
October 2003		975	717,300	
November 2003		200	563,400	
December 2003		625	290,500	
January 2004		50	233,000	
February 2004		250	1,015,000	0.3
March 2004		325	897,300	0.94 - Power Outage
April 2004		975	705,500	
40R		April 2003	0	
	May 2003	0		
	June 2003	0		
	July 2003	0		
	August 2003	0		
	September 2003	0		
	October 2003	0		
	November 2003	0		
	December 2003	0		
	January 2004	0		
	February 2004	0		0.3
	March 2004	0		0.27 - Power Outage
	April 2004	0		
	RW-2(X)	April 2003	0	588,200
May 2003		0	504,900	
June 2003		0	337,800	
July 2003		0	504,000	
August 2003		0	481,800	
September 2003		0	403,800	
October 2003		0	498,300	
November 2003		0	461,400	
December 2003		0	917,800	
January 2004		0	403,200	
February 2004		0	580,000	0.3
March 2004		0	644,300	0.27 - Power Outage
April 2004		0	518,200	

**TABLE 21-5**  
**AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS**  
**EAST STREET AREA 2 - SOUTH**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**  
**April 2004**

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64X	April 2003	5	504,000	
	May 2003	15	403,200	
	June 2003	25	403,200	
	July 2003	20	500,300	
	August 2003	30	403,200	
	September 2003	15	403,200	
	October 2003	10	460,800	
	November 2003	10	403,200	
	December 2003	5	504,000	3.2 - Cleaned Flow Meter
	January 2004	10	676,800	
	February 2004	2	403,200	0.3
	March 2004	4	504,000	0.27 - Power Outage
	April 2004	0	388,800	
	RW-1(X)	April 2003	5	689,700
May 2003		0	482,900	6.8
June 2003		0	502,100	
July 2003		0	541,200	
August 2003		0	499,300	
September 2003		10	486,700	
October 2003		0	690,100	
November 2003		0	488,500	
December 2003		0	575,100	3.2 - Cleaned Flow Meter
January 2004		0	426,600	
February 2004		0	382,600	0.3
March 2004		1	502,100	0.27 - Power Outage
April 2004		0	387,100	
64S System		April 2003	625	630,314
	May 2003	460	445,090	
	June 2003	950	276,675	
	July 2003	750	48,725	
	August 2003	38	302,161	
	September 2003	0	443,631	
	October 2003	150	983,801	
	November 2003	1,198	1,041,476	
	December 2003	925	1,529,896	1.6 - Low Voltage
	January 2004	1,054	1,237,777	
	February 2004	224	651,804	3.88
	March 2004	1,271	802,349	1.88 - Power Outage
	April 2004	1,374	947,810	
	RW-1(S) <sup>1</sup>	April 2003	0	1,155,188
May 2003		0	880,083	
June 2003		0	806,285	
July 2003		0	821,262	
August 2003		12	776,403	
September 2003		50	811,790	
October 2003		25	1,303,720	
November 2003		52	1,155,983	
December 2003		0	1,677,094	
January 2004		96	1,196,628	
February 2004		51	832,544	0.3
March 2004		31	1,114,375	0.27 - Power Outage
April 2004		76	1,012,477	

**TABLE 21-5**  
**AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS**  
**EAST STREET AREA 2 - SOUTH**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**  
**April 2004**

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
RW-3(X)	April 2003	55		
	May 2003	52		
	June 2003	27		
	July 2003	56		
	August 2003	54		
	September 2003	55		
	October 2003	56		
	November 2003	55		
	December 2003	56		
	January 2004	70		
	February 2004	49		0.3
	March 2004	75		0.27 - Power Outage
	April 2004	79		

Summary of Total Automated Removal	
LNAPL:	4,023 Gallons
DNAPL:	79 Gallons
Water:	5,171,887 Gallons

**Notes:**

1. The flow meter at recovery well RW-1(S) was reset in March 2004.

**TABLE 21-6  
WELL MONITORING AND RECOVERY OF LNAPL  
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES  
GROUNDWATER MANAGEMENT AREA 1  
CONSENT DECREE MONTHLY STATUS REPORT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
April 2004**

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	April 2004 Removal (liters)
ll	4/6/2004	25.81	24.81	1.00	0.617	0.617
Bldg. 43 Elev.	4/14/2004	29.08	23.98	5.10	113.55	662.375
Bldg. 43 Elev.	4/15/2004	NM	NM	NM	113.55	
Bldg. 43 Elev.	4/16/2004	25.41	25.22	0.19	340.65	
Bldg. 43 Elev.	4/19/2004	24.91	24.90	0.01	94.625	

**Total LNAPL Removal 20's, 30's & 40's Complexes for April 2004: 662.992 liters  
174.932 gallons**

**Total LNAPL Removal East Street Area 2 - North for April 2004: 0.000 liters  
0.000 gallons**

**Total LNAPL Removal East Street Area 2 - South for April 2004: 0.000 liters  
0.000 gallons**

**Total LNAPL Removal for April 2004: 662.992 liters  
174.932 gallons**

**NOTE:**

1. ft BMP - feet Below Measuring Point

**TABLE 21-7**  
**64G TREATMENT PLANT DISCHARGE DATA**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**April 2004**

<b>Date</b>	<b>Housatonic River Discharge (gallons)</b>	<b>Recharge Pond Discharge (gallons)</b>	<b>Total Discharge (gallons)</b>
April 2003	4,909,250	160,917	5,070,167
May 2003	4,145,930	248,391	4,394,321
June 2003	3,603,998	319,326	3,923,324
July 2003	2,785,280	429,342	3,214,622
August 2003	3,810,650	339,323	4,149,973
September 2003	4,336,220	294,016	4,630,236
October 2003	5,428,939	251,753	5,680,692
November 2003	5,599,600	108,107	5,707,707
December 2003	6,406,420	60,343	6,466,763
January 2004	6,158,960	132,862	6,291,822
February 2004	4,883,690	186,281	5,069,971
March 2004	5,462,280	112,985	5,575,265
April 2004	5,406,760	169,598	5,576,358

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

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

**CONSENT DECREE MONTHLY STATUS REPORT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
April 2004**

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
<b>20's Complex</b>									
CC	998.84	4/6/2004	17.88	17.86	0.02	---	27.30	0.00	980.98
EE	1,004.27	4/6/2004	23.34	---	0.00	---	33.65	0.00	980.93
FF	1,005.70	4/6/2004	24.39	---	0.00	---	32.74	0.00	981.31
GG	1,007.40	4/6/2004	Well could not be found.						NA
II	1,007.26	4/6/2004	25.81	24.81	1.00	---	36.70	0.00	982.38
JJ	1,006.38	4/6/2004	24.51	---	0.00	---	36.73	0.00	981.87
LL-R	1,010.39	4/6/2004	28.69	---	0.00	---	35.55	0.00	981.70
O-R	1,000.42	4/6/2004	14.26	---	0.00	---	26.56	0.00	986.16
P-R	1,005.01	4/6/2004	24.03	---	0.00	---	28.21	0.00	980.98
QQ-R	998.32	4/6/2004	17.18	---	0.00	---	28.12	0.00	981.14
U	998.89	4/6/2004	18.01	---	0.00	---	26.60	0.00	980.88
Y	1,002.86	4/6/2004	21.71	---	0.00	---	28.48	0.00	981.15
<b>30's Complex</b>									
95-15	986.38	4/6/2004	7.41	---	0.00	---	16.70	0.00	978.97
95-16	1,007.65	4/6/2004	Well could not be found.						NA
ES2-19	1,007.22	4/6/2004	13.25	---	0.00	---	18.70	0.00	993.97
GMA1-2	1,006.75	4/7/2004	15.82	---	0.00	---	16.32	0.00	990.93
GMA1-10	984.86	4/6/2004	6.16	---	0.00	---	19.87	0.00	978.70
GMA1-12	992.26	4/6/2004	15.70	---	0.00	---	22.15	0.00	976.56
RF-02	982.43	4/6/2004	4.48	---	0.00	---	18.43	0.00	977.95
RF-03	985.40	4/6/2004	9.22	---	0.00	---	18.42	0.00	976.18
RF-03D	985.31	4/6/2004	9.40	---	0.00	---	36.02	0.00	975.91
RF-16	987.91	4/6/2004	8.46	---	0.00	---	20.74	0.00	979.45
<b>40s Complex</b>									
Bldg. 43 Elev.	NA	4/7/2004	31.61	24.24	7.37	---	61.69	0.00	NA
Bldg. 43 Elev.	NA	4/8/2004	31.60	24.24	7.36	---	61.69	0.00	NA
Bldg. 43 Elev.	NA	4/14/2004	29.08	23.98	5.10	---	61.69	0.00	NA
Bldg. 43 Elev.	NA	4/15/2004	NM	NM	NM	---	61.69	0.00	NA
Bldg. 43 Elev.	NA	4/16/2004	28.80	24.74	4.06	---	61.69	0.00	NA
Bldg. 43 Elev.	NA	4/16/2004	25.41	25.22	0.19	---	61.69	0.00	NA
Bldg. 43 Elev.	NA	4/19/2004	25.23	25.01	0.22	---	61.69	0.00	NA
Bldg. 43 Elev.	NA	4/19/2004	24.91	24.90	0.01	---	61.69	0.00	NA
Bldg. 43 Elev.	NA	4/26/2004	25.18	25.17	0.01	---	61.69	0.00	NA
95-17	1,007.67	4/6/2004	23.98	---	0.00	---	28.80	0.00	983.69
RF-4	1,011.99	4/6/2004	14.00	---	0.00	---	23.98	0.00	997.99
<b>East Street Area 2 - North</b>									
05-N	1,009.23	4/6/2004	24.47	---	0.00	---	27.55	0.00	984.76
11-N	1,010.85	4/6/2004	25.86	---	0.00	---	35.86	0.00	984.99
14-N	1,010.53	4/6/2004	24.15	23.29	0.86	---	33.60	0.00	987.18
16-N	1,010.65	4/6/2004	29.03	---	0.00	---	37.50	0.00	981.62
17A	1,023.86	4/7/2004	6.42	---	0.00	---	19.47	0.00	1,017.44
17-N	1,010.49	4/7/2004	28.79	28.73	0.06	---	38.84	0.00	981.76
19-N	1,010.68	4/7/2004	28.60	---	0.00	---	36.28	0.00	982.08

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

**CONSENT DECREE MONTHLY STATUS REPORT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
April 2004**

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
20-N	1,010.66	4/7/2004	28.03	---	0.00	---	36.85	0.00	982.63
23-N	1,011.13	4/6/2004	29.30	29.23	0.07	---	38.35	0.00	981.90
24-N	1,010.50	4/6/2004	28.46	---	0.00	---	35.92	0.00	982.04
27-N	1,010.40	4/7/2004	24.80	---	0.00	---	38.84	0.00	985.60
95-12	1,010.20	4/7/2004	28.61	---	0.00	---	38.63	0.00	981.59
ES1-05	1,023.33	4/6/2004	39.24	---	0.00	---	44.39	0.00	984.09
ES1-05	1,023.33	4/7/2004	39.11	---	0.00	---	44.26	0.00	984.22
ES1-18	1,049.71	4/7/2004	5.66	---	0.00	---	14.34	0.00	1,044.05
ES1-20	1,001.56	4/7/2004	13.10	---	0.00	---	19.69	0.00	988.46
ES1-27R	1,023.19	4/6/2004	6.71	---	0.00	---	19.25	0.00	1,016.48
ES1-27R	1,023.19	4/7/2004	6.77	---	0.00	---	19.15	0.00	1,016.42
GMA1-4	1,011.52	4/6/2004	15.38	---	0.00	---	19.71	0.00	996.14
<b>East Street Area 2 - South</b>									
01R	992.72	4/8/2004	11.53	---	0.00	---	24.56	0.00	981.19
02	995.64	4/8/2004	15.74	15.64	0.10	---	23.43	0.00	979.99
05	996.10	4/8/2004	12.50	---	0.00	---	23.43	0.00	983.60
06	991.18	4/8/2004	12.38	---	0.00	---	23.89	0.00	978.80
09R	986.88	4/8/2004	11.81	---	0.00	---	19.57	0.00	975.07
10	987.95	4/8/2004	12.60	---	0.00	---	15.00	0.00	975.35
13	990.88	4/8/2004	15.04	15.01	0.03	---	22.69	0.00	975.87
14	991.61	4/8/2004	15.30	---	0.00	---	25.75	0.00	976.31
15R	989.23	4/8/2004	13.39	---	0.00	---	19.63	0.00	975.84
16R	987.10	4/8/2004	9.81	---	0.00	---	16.40	0.00	977.29
19	983.59	4/15/2004	9.02	---	0.00	---	19.90	0.00	974.57
25R	998.31	4/8/2004	22.48	18.95	3.53	---	30.87	0.00	979.11
26RR	1,000.58	4/8/2004	20.70	---	0.00	---	28.61	0.00	979.88
28	991.86	4/8/2004	12.94	12.92	0.02	---	21.74	0.00	978.94
29	991.59	4/8/2004	16.66	16.64	0.02	---	22.12	0.00	974.95
30	989.34	4/8/2004	10.69	10.62	0.07	---	20.39	0.00	978.72
31	990.60	4/8/2004	11.94	---	0.00	---	22.92	0.00	978.66
32	990.81	4/8/2004	11.82	---	0.00	---	16.85	0.00	978.99
34	982.54	4/7/2004	5.48	---	0.00	---	11.03	0.00	977.06
35	982.81	4/7/2004	6.04	---	0.00	---	12.11	0.00	976.77
36	983.02	4/7/2004	6.45	---	0.00	---	13.40	0.00	976.57
37	980.37	4/8/2004	4.34	---	0.00	---	12.17	0.00	976.03
38	980.77	4/8/2004	3.23	---	0.00	---	13.71	0.00	977.54
40R	991.60	4/7/2004	14.25	P	< 0.01	---	25.00	0.00	977.35
40R	991.60	4/14/2004	14.17	---	0.00	---	25.00	0.00	977.43
40R	991.60	4/21/2004	15.52	---	0.00	---	25.00	0.00	976.08
40R	991.60	4/27/2004	13.40	---	0.00	---	25.00	0.00	978.20
42	988.33	4/8/2004	10.55	---	0.00	---	18.75	0.00	977.78
43	989.67	4/8/2004	13.54	---	0.00	---	22.90	0.00	976.13
44	988.33	4/8/2004	10.66	---	0.00	---	18.99	0.00	977.67
47	991.09	4/8/2004	16.36	16.28	0.08	---	23.09	0.00	974.80



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

**CONSENT DECREE MONTHLY STATUS REPORT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
April 2004**

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
48	992.39	4/8/2004	19.14	17.77	1.37	---	26.40	0.00	974.52
49R	988.71	4/8/2004	13.99	---	0.00	---	24.88	0.00	974.72
49RR	989.80	4/8/2004	15.04	---	0.00	---	23.06	0.00	974.76
50	985.79	4/9/2004	9.01	---	0.00	---	23.46	0.00	976.78
51	985.38	4/9/2004	9.96	---	0.00	---	23.94	0.00	975.42
52	985.18	4/7/2004	10.10	---	0.00	---	24.00	0.00	975.08
52	985.18	4/7/2004	10.10	---	0.00	---	24.00	0.00	975.08
53	986.90	4/9/2004	10.30	---	0.00	---	23.90	0.00	976.60
54	985.78	4/15/2004	12.46	---	0.00	---	25.87	0.00	973.32
55	989.45	4/12/2004	12.55	---	0.00	---	25.70	0.00	976.90
55	989.45	4/12/2004	15.95	15.65	0.30	---	30.02	0.00	973.78
57	989.80	4/12/2004	10.67	---	0.00	---	27.22	0.00	979.13
58	985.79	4/8/2004	11.65	11.64	0.01	---	24.49	0.00	974.15
59	986.32	4/8/2004	13.42	---	0.00	---	25.92	0.00	972.90
64	984.98	4/12/2004	11.73	---	0.00	---	21.01	0.00	973.25
64R	993.37	4/7/2004	15.12	15.10	0.02	---	19.00	0.00	978.27
64R	993.37	4/14/2004	14.85	14.75	0.10	---	19.00	0.00	978.61
64R	993.37	4/21/2004	14.40	14.23	0.17	---	19.00	0.00	979.13
64R	993.37	4/27/2004	13.95	13.91	0.04	---	19.00	0.00	979.46
64S	984.48	4/7/2004	15.78	---	0.00	---	28.70	0.00	968.70
64S	984.48	4/14/2004	15.80	---	0.00	---	28.70	0.00	968.68
64S	984.48	4/21/2004	15.28	---	0.00	---	28.70	0.00	969.20
64S	984.48	4/27/2004	14.70	---	0.00	---	28.70	0.00	969.78
64S-Caisson	NA	4/7/2004	9.80	9.50	0.30	---	14.55	0.00	NA
64S-Caisson	NA	4/14/2004	9.76	9.25	0.51	---	14.55	0.00	NA
64S-Caisson	NA	4/21/2004	9.95	9.54	0.41	---	14.55	0.00	NA
64S-Caisson	NA	4/27/2004	9.70	9.55	0.15	---	14.55	0.00	NA
64V	987.29	4/7/2004	22.10	21.40	0.70	---	29.60	0.00	965.84
64V	987.29	4/14/2004	22.50	21.20	1.30	---	29.60	0.00	966.00
64V	987.29	4/21/2004	21.98	21.15	0.83	---	29.60	0.00	966.08
64V	987.29	4/27/2004	21.70	21.50	0.20	---	29.60	0.00	965.78
64X(N)	984.83	4/7/2004	10.40	10.30	0.10	---	15.85	0.00	974.52
64X(N)	984.83	4/14/2004	10.25	10.23	0.02	---	15.85	0.00	974.60
64X(N)	984.83	4/21/2004	10.40	10.31	0.09	---	15.85	0.00	974.51
64X(N)	984.83	4/27/2004	8.11	8.03	0.08	---	15.85	0.00	976.79
64X(S)	981.56	4/7/2004	12.96	P	< 0.01	---	23.82	0.00	968.60
64X(S)	981.56	4/14/2004	12.76	P	< 0.01	---	23.82	0.00	968.80
64X(S)	981.56	4/21/2004	12.94	P	< 0.01	---	23.82	0.00	968.62
64X(S)	981.56	4/27/2004	10.39	P	< 0.01	---	23.82	0.00	971.17
64X(W)	984.87	4/7/2004	16.20	16.19	0.01	---	24.35	0.00	968.68
64X(W)	984.87	4/14/2004	16.00	15.98	0.02	---	24.35	0.00	968.89
64X(W)	984.87	4/21/2004	16.15	16.14	0.01	---	24.35	0.00	968.73
64X(W)	984.87	4/27/2004	13.61	13.60	0.01	---	24.35	0.00	971.27
95-01	983.77	4/12/2004	9.86	---	0.00	---	17.25	0.00	973.91

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

**CONSENT DECREE MONTHLY STATUS REPORT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
April 2004**

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
95-04	988.70	4/12/2004	17.80	12.95	4.85	---	21.91	0.00	975.41
95-05	989.45	4/12/2004	14.55	14.45	0.10	---	21.09	0.00	974.99
95-07	994.91	4/13/2004	23.75	17.81	5.94	---	29.45	0.00	976.68
3-6C-EB-14	984.20	4/15/2004	9.37	---	0.00	---	21.50	0.00	974.83
3-6C-EB-22	986.94	4/12/2004	12.80	---	0.00	---	20.01	0.00	974.14
3-6C-EB-25	986.31	4/12/2004	12.21	---	0.00	---	25.10	0.00	974.10
3-6C-EB-28	985.79	4/12/2004	12.01	---	0.00	---	24.55	0.00	973.78
E2SC-03I	982.12	4/12/2004	8.37	---	0.00	37.78	45.43	7.65	973.75
E2SC-17	985.38	4/12/2004	11.57	---	0.00	---	47.86	0.00	973.81
E2SC-21	981.70	4/12/2004	7.83	---	0.00	---	11.96	0.00	973.87
E2SC-23	992.07	4/7/2004	15.62	---	0.00	---	21.28	0.00	976.45
E2SC-23	992.07	4/12/2004	15.85	---	0.00	---	21.15	0.00	976.22
E2SC-24	987.90	4/8/2004	14.18	---	0.00	---	21.71	0.00	973.72
E2SC-24	987.90	4/12/2004	14.81	---	0.00	---	21.65	0.00	973.09
ES2-01	985.36	4/12/2004	11.36	---	0.00	---	34.14	0.00	974.00
ES2-02A	979.63	4/7/2004	5.51	---	0.00	---	17.48	0.00	974.12
ES2-02A	979.63	4/12/2004	5.82	---	0.00	---	17.43	0.00	973.81
ES2-05	990.65	4/12/2004	15.37	---	0.00	---	24.28	0.00	975.28
ES2-06	986.00	4/12/2004	12.15	---	0.00	---	24.35	0.00	973.85
ES2-08	994.87	4/12/2004	19.80	---	0.00	---	24.81	0.00	975.07
ES2-09	991.25	4/12/2004	12.02	---	0.00	---	20.00	0.00	979.23
ES2-11	985.05	4/12/2004	9.30	---	0.00	---	19.55	0.00	975.75
ES2-14	985.93	4/12/2004	Not accessible due to EPA staging area						NA
ES2-15	986.55	4/12/2004	Not accessible due to EPA staging area						NA
ES2-16	986.88	4/12/2004	10.30	---	0.00	---	17.38	0.00	976.58
ES2-17	986.62	4/12/2004	Not accessible due to EPA staging area						NA
ES2-18	986.86	4/12/2004	12.27	---	0.00	---	21.85	0.00	974.59
GMA1-13	991.41	4/7/2004	16.44	---	0.00	---	29.19	0.00	974.97
GMA1-13	991.41	4/12/2004	17.01	---	0.00	---	21.12	0.00	974.40
GMA1-14	997.43	4/12/2004	17.24	---	0.00	---	23.60	0.00	980.19
GMA1-15	988.59	4/12/2004	15.04	13.89	1.15	---	17.82	0.00	974.62
GMA1-16	986.82	4/12/2004	12.38	11.97	0.41	---	20.01	0.00	974.82
GMA1-17E	993.03	4/12/2004	14.15	---	0.00	---	17.34	0.00	978.88
GMA1-17W	992.63	4/12/2004	15.98	13.64	2.34	---	23.38	0.00	978.83
HR-C-RW-1	NA	4/15/2004	4.21	---	0.00	---	23.98	0.00	NA
HR-G1-MW-1	982.42	4/13/2004	9.31	---	0.00	---	20.32	0.00	973.11
HR-G1-MW-2	980.23	4/13/2004	6.90	---	0.00	---	28.49	0.00	973.33
HR-G1-MW-3	980.21	4/8/2004	7.03	---	0.00	---	17.95	0.00	973.18
HR-G1-MW-3	980.21	4/13/2004	7.34	---	0.00	---	17.86	0.00	972.87
HR-G2-MW-1	982.60	4/13/2004	9.82	---	0.00	---	18.23	0.00	972.78
HR-G2-MW-2	981.39	4/13/2004	7.27	---	0.00	---	17.87	0.00	974.12
HR-G2-MW-3	987.14	4/13/2004	13.62	---	0.00	---	22.00	0.00	973.52
HR-G2-RW-1	976.88	4/13/2004	5.03	---	0.00	---	18.70	0.00	973.12
HR-G3-MW-1	982.45	4/8/2004	13.41	---	0.00	---	17.80	0.00	969.04

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

**CONSENT DECREE MONTHLY STATUS REPORT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
April 2004**

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	
HR-G3-MW-1	982.45	4/13/2004	13.81	---	0.00	---	17.71	0.00	968.64	
HR-G3-MW-2	987.88	4/13/2004	14.35	---	0.00	---	17.72	0.00	973.53	
HR-G3-RW-1	977.78	4/13/2004	3.82	---	0.00	---	8.55	0.00	973.96	
HR-J1-MW-1	985.95	4/13/2004	12.73	---	0.00	---	27.93	0.00	973.22	
HR-J1-MW-2	983.56	4/13/2004	9.93	---	0.00	---	17.75	0.00	973.63	
HR-J1-MW-3	987.68	4/13/2004	14.30	---	0.00	---	26.48	0.00	973.38	
HR-J1-RW-1	975.05	4/13/2004	2.56	---	0.00	---	14.95	0.00	972.49	
M-R	998.19	4/13/2004	17.69	---	0.00	---	29.22	0.00	980.50	
P3	989.25	4/13/2004	5.15	4.69	0.46	---	13.15	0.00	984.53	
PZ-1S	989.93	4/13/2004	16.19	---	0.00	---	20.22	0.00	973.74	
PZ-6S	984.13	4/13/2004	10.90	---	0.00	---	13.22	0.00	973.23	
RW-1(S)	987.23	4/7/2004	16.90	16.63	0.27	---	28.60	0.00	970.58	
RW-1(S)	987.23	4/14/2004	17.20	16.68	0.52	P	28.60	< 0.01	970.51	
RW-1(S)	987.23	4/21/2004	17.53	16.60	0.93	---	28.60	0.00	970.56	
RW-1(S)	987.23	4/27/2004	17.10	16.60	0.50	P	28.60	< 0.01	970.60	
RW-1(X)	982.68	4/7/2004	12.48	12.47	0.01	---	20.80	0.00	970.21	
RW-1(X)	982.68	4/14/2004	12.10	12.08	0.02	---	20.80	0.00	970.60	
RW-1(X)	982.68	4/21/2004	12.46	P	< 0.01	---	20.80	0.00	970.22	
RW-1(X)	982.68	4/27/2004	9.30	9.29	0.01	---	20.80	0.00	973.39	
RW-2(X)	985.96	4/7/2004	12.68	---	0.00	---	15.30	0.00	973.28	
RW-2(X)	985.96	4/14/2004	11.45	---	0.00	---	15.30	0.00	974.51	
RW-2(X)	985.96	4/21/2004	11.59	---	0.00	---	15.30	0.00	974.37	
RW-2(X)	985.96	4/27/2004	9.18	---	0.00	---	15.30	0.00	976.78	
RW-3(X)	980.28	4/7/2004	7.20	---	0.00	41.50	44.40	2.90	973.08	
RW-3(X)	980.28	4/14/2004	7.10	---	0.00	41.70	44.40	2.70	973.18	
RW-3(X)	980.28	4/21/2004	7.40	---	0.00	41.70	44.40	2.70	972.88	
RW-3(X)	980.28	4/27/2004	5.30	---	0.00	41.60	44.40	2.80	974.98	
TMP-1	992.74	4/13/2004	18.64	---	0.00	---	21.99	0.00	974.10	
<b>Housatonic River</b>										
SG-HR-1	990.73	4/9/2004	18.80	---	---	---	---	---	971.93	
SG-HR-1	990.73	4/13/2004	18.15	---	---	---	---	---	972.58	
SG-HR-1	990.73	4/16/2004	13.48	---	---	---	---	---	977.25	
SG-HR-1	990.73	4/23/2004	16.60	---	---	---	---	---	974.13	
SG-HR-1	990.73	4/30/2004	15.98	---	---	---	---	---	974.75	
Housatonic River (Temporary Monitoring Point)	NA	4/13/2004	Data logger present and not working							NA

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

**CONSENT DECREE MONTHLY STATUS REPORT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
April 2004**

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
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**NOTES:**

1. ft BMP - feet Below Measuring Point
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity
3. NA indicates information not available.
4. NM indicates information not measured.
5. P indicates that LNAPL is present at a thickness that is < 0.01 feet, the corresponding thickness is recorded as such.
6. Well HR-G2-RW-1 is constructed at an angle of 41.67 degrees from vertical. Depth to water data reflect measurements collected along the angled well casing. Groundwater elevations are corrected to account for the angle
7. No measurements were obtained at this time due to the operation of the auto skimmer.
8. A survey reference point (SG-HR-1) was established on the Newell Street Bridge. The "Depth to Water" value(s) provided in the above table refer to the vertical distance from the surveyed refernece point to the water surface.
9. A data logger has been placed at this location. Data is collected and subsequently presented in the Semi-Annual GMA 1 Baseline Groundwater Monitoring Reports. The depth to water measurement is used to confirm the data logger

**TABLE 21-9**  
**ACTIVE RECOVERY SYSTEMS MONTHLY SUMMARY**  
**LYMAN STREET AREA**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**April 2004**

<b>Month / Year</b>	<b>Volume Water Pumped (gallon)</b>	<b>RW-1R LNAPL Recovered (gallon)</b>	<b>RW-1 DNAPL Recovered (gallon)</b>	<b>RW-3 LNAPL Recovered (gallon)</b>
April 2002	220,657	5	---	10
May 2002	290,851	---	---	10
June 2002	264,424	---	---	15
July 2002	219,781	13	---	5
August 2002	127,581	---	---	15
September 2002	165,634	4	---	10
October 2002	271,056	---	---	15
November 2002	264,950	---	---	5
December 2002	316,482	2	---	23
January 2003	272,679	---	---	20
February 2003	228,093	---	---	20
March 2003	287,152	---	---	20
April 2003	518,782	---	---	10
May 2003	281,349	---	---	10
June 2003	266,987	---	---	10
July 2003	244,776	---	---	10
August 2003	290,984	---	---	10
September 2003	309,162	---	---	20
October 2003	485,653	---	---	20
November 2003	363,979	---	---	10
December 2003	490,517	---	---	---
January 2004	299,584	---	---	---
February 2004	305,485	---	---	---
March 2004	409,514	---	---	---
April 2004	344,707	---	---	1

**TABLE 21-9  
ACTIVE RECOVERY SYSTEMS MONTHLY SUMMARY  
LYMAN STREET AREA  
GROUNDWATER MANAGEMENT AREA 1  
CONSENT DECREE MONTHLY STATUS REPORT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS  
April 2004**

Month / Year	Volume Water Pumped (gallon)	RW-1R LNAPL Recovered (gallon)	RW-1 DNAPL Recovered (gallon)	RW-3 LNAPL Recovered (gallon)
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**NOTES**

1. Volume of water pumped is total from Wells RW-1/1(R), RW-2 and RW-3.
2. As of September 9, 1998 RW-1 was replaced by RW-1(R) for active LNAPL recovery.
3. --- indicates LNAPL or DNAPL was not present in a measurable or recoverable quantity
4. 7.4% downtime due to pump motor burning out.

**TABLE 21-10**  
**MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL**  
**LYMAN STREET AREA**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**April 2004**

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	April 2004 Removal (liters)
LS-04	4/1/2004	9.51	17.58	0.60	0.370	0.370
LS-30	4/1/2004	11.21	21.59	0.62	0.383	0.383
LS-31	4/1/2004	11.72	23.02	0.29	0.179	0.179
LS-34	4/1/2004	10.39	27.6	0.93	0.574	0.574
LSSC-07	4/1/2004	7.01	24.64	0.45	0.278	0.981
	4/9/2004	9.17	24.84	0.24	0.148	
	4/16/2004	6.48	24.88	0.20	0.123	
	4/23/2004	7.75	24.75	0.33	0.204	
	4/30/2004	6.82	24.72	0.37	0.228	
LSSC-08I	4/1/2004	7.99	23.15	0.25	0.154	0.395
	4/9/2004	10.95	23	0.39	0.241	
LSSC-34I	4/1/2004	9.65	27.28	1.20	0.740	0.740

**Total Manual DNAPL Removal for April 2004: 3.622 liters**

**NOTES:**

**0.956 gallons**

1. ft BMP - feet Below Measuring Point

**TABLE 21-11**  
**ROUTINE WELL MONITORING**  
**LYMAN STREET AREA**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**April 2004**

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
B-2	978.06	4/13/2004	5.65	---	0.00	---	17.77	0.00	972.41
E-04	987.98	4/15/2004	14.90	---	0.00	---	24.53	0.00	973.08
E-07	982.87	4/15/2004	5.49	---	0.00	---	19.77	0.00	977.38
EPA-1	NA	4/14/2004	9.65	---	0.00	---	22.65	0.00	NA
GMA1-5	979.50	4/14/2004	6.05	---	0.00	---	13.69	0.00	973.45
LS-02	983.32	4/2/2004	7.15	---	0.00	---	17.50	0.00	976.17
LS-02	983.32	4/14/2004	8.88	---	0.00	---	17.50	0.00	974.44
LS-04	984.51	4/1/2004	9.51	---	0.00	17.58	18.18	0.60	975.00
LS-04	984.51	4/13/2004	11.27	---	0.00	17.6	18.12	0.52	973.24
LS-12	985.49	4/2/2004	8.46	---	0.00	---	26.51	0.00	977.03
LS-12	985.49	4/14/2004	10.33	---	0.00	---	26.50	0.00	975.16
LS-13	984.65	4/2/2004	8.41	---	0.00	---	24.16	0.00	976.24
LS-13	984.65	4/15/2004	9.47	---	0.00	---	24.16	0.00	975.18
LS-20	985.64	4/14/2004	11.49	---	0.00	---	17.46	0.00	974.15
LS-21	983.42	4/2/2004	9.82	---	0.00	---	12.50	0.00	973.60
LS-21	983.42	4/14/2004	9.99	9.24	0.75	---	12.51	0.00	974.13
LS-23	984.38	4/1/2004	9.41	---	0.00	---	15.29	0.00	974.97
LS-23	984.38	4/13/2004	12.60	11.09	1.51	---	15.29	0.00	973.18
LS-24	986.58	4/13/2004	13.16	---	0.00	---	15.21	0.00	973.42
LS-29	990.63	4/8/2004	12.72	---	0.00	---	34.64	0.00	977.91
LS-30	986.44	4/1/2004	11.21	---	0.00	21.59	22.21	0.62	975.23
LS-30	986.44	4/13/2004	12.39	---	0.00	21.8	22.22	0.42	974.05
LS-31	987.09	4/1/2004	11.72	---	0.00	23.02	23.31	0.29	975.37
LS-31	987.09	4/13/2004	12.46	---	0.00	23.27	23.31	0.04	974.63
LS-32	985.75	4/14/2004	11.72	---	0.00	---	22.60	0.00	974.03
LS-33	986.42	4/1/2004	5.07	---	0.00	---	29.74	0.00	981.35
LS-33	986.42	4/14/2004	12.74	---	0.00	---	20.54	0.00	973.68
LS-34	985.79	4/1/2004	10.39	---	0.00	27.6	28.53	0.93	975.40
LS-34	985.79	4/14/2004	11.59	---	0.00	---	28.54	0.00	974.20
LS-35	986.80	4/2/2004	11.28	---	0.00	---	21.65	0.00	975.52
LS-35	986.80	4/14/2004	13.69	13.00	0.69	---	21.65	0.00	973.75
LS-38	986.95	4/1/2004	11.88	---	0.00	---	25.03	0.00	975.07
LS-38	986.95	4/14/2004	13.18	---	0.00	---	25.05	0.00	973.77
LS-41	986.41	4/14/2004	13.08	---	0.00	---	22.68	0.00	973.33
LS-43	981.17	4/1/2004	0.30	---	0.00	---	9.44	0.00	980.87
LS-43	981.17	4/14/2004	0.60	---	0.00	---	9.43	0.00	980.57
LS-44	980.78	4/14/2004	7.16	---	0.00	---	24.79	0.00	973.62
LSSC-06	984.91	4/2/2004	6.85	---	0.00	---	19.39	0.00	978.06
LSSC-06	984.91	4/14/2004	9.35	---	0.00	---	19.39	0.00	975.56
LSSC-07	982.48	4/1/2004	7.01	---	0.00	24.64	25.09	0.45	975.47
LSSC-07	982.48	4/9/2004	9.17	---	0.00	24.84	25.08	0.24	973.31
LSSC-07	982.48	4/13/2004	9.33	---	0.00	25.07	25.09	0.02	973.15
LSSC-07	982.48	4/16/2004	6.48	---	0.00	24.88	25.08	0.20	976.00
LSSC-07	982.48	4/23/2004	7.75	---	0.00	24.75	25.08	0.33	974.73
LSSC-07	982.48	4/30/2004	6.82	---	0.00	24.72	25.09	0.37	976.00
LSSC-08I	983.13	4/1/2004	7.99	---	0.00	23.15	23.40	0.25	975.14
LSSC-08I	983.13	4/9/2004	10.95	---	0.00	23	23.39	0.39	972.18



**TABLE 21-11**  
**ROUTINE WELL MONITORING**  
**LYMAN STREET AREA**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**April 2004**

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
LSSC-08I	983.13	4/14/2004	9.75	---	0.00	23.36	23.38	0.02	973.38
LSSC-08I	983.13	4/16/2004	6.67	---	0.00	23.32	23.39	0.07	976.46
LSSC-08I	983.13	4/23/2004	8.83	---	0.00	23.23	23.39	0.16	974.30
LSSC-08I	983.13	4/30/2004	7.97	---	0.00	23.18	23.37	0.19	975.16
LSSC-08S	983.11	4/8/2004	10.80	---	0.00	---	14.78	0.00	972.31
LSSC-08S	983.11	4/14/2004	9.77	---	0.00	---	14.76	0.00	973.34
LSSC-09	985.06	4/14/2004	10.91	---	0.00	---	19.25	0.00	974.15
LSSC-16I	980.88	4/1/2004	5.38	---	0.00	---	24.54	0.00	975.50
LSSC-16I	980.88	4/14/2004	16.92	---	0.00	---	28.53	0.00	963.96
LSSC-16S	981.37	4/9/2004	7.86	---	0.00	---	14.72	0.00	973.51
LSSC-16S	981.37	4/14/2004	7.56	---	0.00	---	14.66	0.00	973.81
LSSC-18	987.32	4/8/2004	12.80	---	0.00	---	18.70	0.00	974.52
LSSC-18	987.32	4/14/2004	13.18	---	0.00	---	18.59	0.00	974.14
LSSC-32	980.68	4/14/2004	6.88	---	0.00	---	35.25	0.00	973.80
LSSC-33	980.49	4/14/2004	6.68	---	0.00	---	29.77	0.00	973.81
LSSC-34I	984.74	4/1/2004	9.65	---	0.00	27.28	28.48	1.20	975.09
LSSC-34I	984.74	4/14/2004	10.92	---	0.00	---	28.49	0.00	973.82
LSSC-34S	985.01	4/14/2004	11.07	---	0.00	---	17.02	0.00	973.94
MW-3R	983.54	4/14/2004	8.65	---	0.00	---	15.49	0.00	974.89
MW-4R	980.82	4/9/2004	7.94	---	0.00	---	14.16	0.00	972.88
MW-4R	980.82	4/14/2004	7.00	---	0.00	---	14.04	0.00	973.82
MW-6R	985.14	4/14/2004	9.63	---	0.00	---	13.91	0.00	975.51
RW-1	984.88	4/7/2004	9.60	P	< 0.01	---	21.00	0.00	975.28
RW-1	984.88	4/14/2004	10.82	P	< 0.01	20.45	21.00	0.55	974.06
RW-1	984.88	4/21/2004	10.31	---	0.00	20.62	21.00	0.38	974.57
RW-1	984.88	4/27/2004	9.68	---	0.00	---	21.00	0.00	975.20
RW-1 (R)	985.07	4/7/2004	10.80	---	0.00	---	20.42	0.00	974.27
RW-1 (R)	985.07	4/14/2004	15.62	P	< 0.01	---	20.42	0.00	969.45
RW-1 (R)	985.07	4/21/2004	15.96	---	0.00	---	20.42	0.00	969.11
RW-1 (R)	985.07	4/27/2004	15.80	P	< 0.01	---	20.42	0.00	969.27
RW-2	987.82	4/7/2004	13.29	---	0.00	---	21.75	0.00	974.53
RW-2	987.82	4/14/2004	17.45	---	0.00	---	21.75	0.00	970.37
RW-2	987.82	4/21/2004	13.62	---	0.00	---	21.75	0.00	974.20
RW-2	987.82	4/27/2004	12.80	---	0.00	---	21.75	0.00	975.02
RW-3	984.08	4/7/2004	14.62	14.60	0.02	---	21.57	0.00	969.48
RW-3	984.08	4/14/2004	11.95	11.91	0.04	---	21.57	0.00	972.17
RW-3	984.08	4/21/2004	11.68	11.35	0.33	---	21.57	0.00	972.71
RW-3	984.08	4/27/2004	8.38	P	< 0.01	---	21.57	0.00	975.70
<b>Housatonic River (Lyman Street Bridge)</b>									
BM-2A	986.32	4/9/2004	15.16	---	---	---	---	---	971.16
BM-2A	986.32	4/14/2004	13.05	---	---	---	---	---	973.27
BM-2A	986.32	4/16/2004	9.33	---	---	---	---	---	976.99
BM-2A	986.32	4/23/2004	12.30	---	---	---	---	---	974.02
BM-2A	986.32	4/30/2004	11.65	---	---	---	---	---	974.67

**TABLE 21-11**  
**ROUTINE WELL MONITORING**  
**LYMAN STREET AREA**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**April 2004**

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
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**NOTES:**

1. ft BMP - feet Below Measuring Point
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity
3. NA indicates information not available.
4. P indicates that LNAPL or DNAPL is present at a thickness that is < 0.01 feet. The corresponding thickness is recorded as such.

**TABLE 21-12**  
**ACTIVE DNAPL RECOVERY SYSTEMS MONTHLY SUMMARY**  
**NEWELL STREET AREA II**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**April 2004**

Recovery System	Date	Total Gallons Recovered
<b>System 1</b>	April 2003	19.0
	May 2003	28.0
	June 2003	27.0
	July 2003	28.0
	August 2003	53.0
	September 2003	26.0
	October 2003	56.0
	November 2003	27.0
	December 2003	47.0
	January 2004	24.0
	February 2004	25.5
	March 2004	25.3
	April 2004	26.4
<b>System 2</b>	April 2003	65.0
	May 2003	65.0
	June 2003	114.0
	July 2003	130.0
	August 2003	115.0
	September 2003	390.0
	October 2003	227.0
	November 2003	146.0
	December 2003	182.0
	January 2004	128.0
	February 2004	139.0
	March 2004	112.0
	April 2004	320.0
<b>Total Automated DNAPL Removal for April 2004:</b>		<b>346.4 Gallons</b>

**NOTES**

1. System 1 wells are NS-15, NS-30 and NS-32
2. System 2 wells are N2SC-01I, N2SC-02, N2SC-03I, and N2SC-14

**TABLE 21-13**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GROUNDWATER MANAGEMENT AREA 1 - NEWELL STREET AREA II**  
**MEASUREMENT AND REMOVAL OF RECOVERABLE LNAPL**  
**April 2004**

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	April 2004 Removal (liters)
NS-10	4/2/2004	7.09	6.92	0.17	0.420	0.420

**Total LNAPL Removal for April 2004: 0.420 liters**  
**0.111 gallons**

**NOTE:**

1. ft BMP - feet Below Measuring Point

**TABLE 21-14**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GROUNDWATER MANAGEMENT AREA 1 - NEWELL STREET AREA II**  
**MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL**  
**April 2004**

<b>Well Name</b>	<b>Date</b>	<b>Depth to Water (ft BMP)</b>	<b>Depth to DNAPL (ft BMP)</b>	<b>DNAPL Thickness (feet)</b>	<b>DNAPL Removed (liters)</b>	<b>April 2004 Removal (liters)</b>
MW-1D	4/2/2004	10.35	39.08	0.45	0.278	0.278
MW-1S	4/2/2004	9.76	24.84	0.42	0.259	0.259
N2SC-02	4/2/2004	8.67	40.02	0.39	0.241	0.241
N2SC-07	4/2/2004	7.73	37.93	0.22	0.136	0.136
N2SC-08	4/2/2004	9.15	40.72	1.85	1.141	1.141
N2SC-09I	4/2/2004	10.89	43.23	0.31	0.191	0.191
N2SC-13I	4/2/2004	7.85	40.28	0.74	1.826	1.826

**Total DNAPL Removal for April 2004: 4.072 liters**  
**1.074 gallons**

**NOTE:**

1. ft BMP - feet Below Measuring Point

**TABLE 21-15**  
**ROUTINE WELL MONITORING**  
**NEWELL STREET AREA II**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**April 2004**

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA1-8	981.66	4/15/2004	8.11	---	0.00	---	16.20	0.00	973.55
GMA1-9	982.36	4/15/2004	8.26	---	0.00	---	14.58	0.00	974.10
MW-1D	987.20	4/2/2004	10.35	---	0.00	39.08	39.53	0.45	976.85
MW-1D	987.20	4/15/2004	12.64	---	0.00	39.47	39.51	0.04	974.56
MW-1S	986.60	4/2/2004	9.76	---	0.00	24.84	25.26	0.42	976.84
MW-1S	986.60	4/15/2004	12.06	---	0.00	25.16	25.26	0.10	974.54
N2SC-02	985.56	4/2/2004	8.67	---	0.00	40.02	40.41	0.39	976.89
N2SC-02	985.56	4/15/2004	11.55	---	0.00	---	40.41	0.00	974.01
N2SC-07	984.61	4/2/2004	7.73	---	0.00	37.93	38.15	0.22	976.88
N2SC-07	984.61	4/15/2004	11.20	---	0.00	---	38.14	0.00	973.41
N2SC-07S	982.93	4/12/2004	10.05	---	0.00	---	19.00	0.00	972.88
N2SC-07S	982.93	4/15/2004	9.20	---	0.00	---	18.90	0.00	973.73
N2SC-08	986.07	4/2/2004	9.15	---	0.00	40.72	42.57	1.85	976.92
N2SC-08	986.07	4/15/2004	10.96	---	0.00	41.15	42.56	1.41	975.11
N2SC-09I	987.77	4/2/2004	10.89	---	0.00	43.23	43.54	0.31	976.88
N2SC-09I	987.77	4/15/2004	12.61	---	0.00	43.48	43.53	0.05	975.16
N2SC-13I	984.75	4/2/2004	7.85	---	0.00	40.28	41.02	0.74	976.90
N2SC-13I	984.75	4/15/2004	9.68	---	0.00	---	41.02	0.00	975.07
N2SC-13S	985.15	4/15/2004	7.85	---	0.00	---	16.38	0.00	977.30
N2SC-15	985.58	4/15/2004	10.44	---	0.00	---	41.16	0.00	975.14
N2SC-16	985.62	4/2/2004	8.47	---	0.00	---	41.89	0.00	977.15
N2SC-16	985.62	4/15/2004	11.34	---	0.00	---	41.89	0.00	974.28
N2SC-17	984.73	4/15/2004	10.71	---	0.00	---	37.15	0.00	974.02
NS-10	984.59	4/2/2004	7.09	6.92	0.17	---	19.17	0.00	977.66
NS-10	984.59	4/15/2004	8.45	8.32	0.13	---	19.20	0.00	976.26
NS-16	984.46	4/15/2004	8.47	---	0.00	---	19.77	0.00	975.99
NS-17	984.64	4/12/2004	11.60	---	0.00	---	18.79	0.00	973.04
NS-20	985.29	4/15/2004	5.33	---	0.00	---	14.97	0.00	979.96
NS-36	985.20	4/15/2004	11.19	---	0.00	---	18.72	0.00	974.01
NS-37	986.20	4/15/2004	12.73	---	0.00	---	23.68	0.00	973.47

**NOTES:**

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

**TABLE 21-16**  
**ROUTINE WELL MONITORING**  
**NEWELL STREET AREA II**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**April 2004**

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
FW-16R	986.51	4/20/2004	12.18	---	0.00	---	20.45	0.00	974.33
IA-9R	984.14	4/20/2004	9.35	---	0.00	---	17.03	0.00	974.79
MM-1	988.04	4/20/2004	10.92	---	0.00	---	19.54	0.00	977.12

**NOTES:**

1. ft BMP - feet Below Measuring Point
2. NA indicates information not available.
3. NM indicates information not measured.

**TABLE 21-17**  
**ROUTINE WELL MONITORING**  
**SILVER LAKE AREA**  
**GROUNDWATER MANAGEMENT AREA 1**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**April 2004**

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	
<b>Monitoring Wells Adjacent to Silver Lake</b>										
SLGW-01S	982.94	4/16/2004	6.57	---	0.00	---	16.36	0.00	976.37	
SLGW-01D	983.13	4/16/2004	3.90	---	0.00	---	37.15	0.00	979.23	
SLGW-02S	985.39	4/16/2004	7.59	---	0.00	---	16.88	0.00	977.80	
SLGW-02D	985.10	4/16/2004	6.98	---	0.00	---	37.05	0.00	978.12	
SLGW-03S	980.21	4/16/2004	3.76	---	0.00	---	14.75	0.00	976.45	
SLGW-03D	979.14	4/16/2004	0.68	---	0.00	---	32.2	0.00	978.46	
SLGW-04S	984.02	4/16/2004	7.65	---	0.00	---	16.8	0.00	976.37	
SLGW-04D	983.51	4/16/2004	5.44	---	0.00	---	37.31	0.00	978.07	
SLGW-05S	979.12	4/16/2004	2.81	---	0.00	---	11.79	0.00	976.31	
SLGW-05D	979.3	4/16/2004	2.91	---	0.00	---	35.07	0.00	976.39	
SLGW-06S	981.66	4/16/2004	4.97	---	0.00	---	13.85	0.00	976.69	
SLGW-06D	981.63	4/16/2004	4.60	---	0.00	---	35.13	0.00	977.03	
<b>Piezometers within Silver Lake</b>										
SLPZ-01 (GW)	981.5	4/16/2004	4.92	---	0.00	---	31.79	0.00	976.58	
SLPZ-01 (SW)	981.5	4/16/2004	5.02	---	0.00	---	12.57	0.00	976.48	
SLPZ-02 (GW)	982.1	4/16/2004	4.80	---	0.00	---	37.2	0.00	977.30	
SLPZ-02 (SW)	982.1	4/16/2004	5.50	---	0.00	---	16.33	0.00	976.60	
SLPZ-03 (GW)	981.6	4/16/2004	Piezometer could not be found.							NA
SLPZ-04 (GW)	977.6	4/16/2004	0.17	---	0.00	---	36.89	0.00	977.43	
SLPZ-04 (SW)	977.6	4/16/2004	0.95	---	0.00	---	16.6	0.00	976.65	
SLPZ-05 (GW)	981.4	4/16/2004	Piezometer was leaning over under the water surface.							NA
SLPZ-06 (GW)	980.8	4/16/2004	Piezometer could not be found.							NA
SLPZ-07 (GW)	979.6	4/16/2004	Piezometer was leaning over under the water surface.							NA
SLPZ-08 (GW)	981.2	4/16/2004	Piezometer could not be found.							NA
SLPZ-09 (GW)	981.2	4/16/2004	Piezometer could not be found.							NA
SLPZ-10 (GW)	981.4	4/16/2004	Piezometer was leaning over under the water surface.							NA
Silver Lake Gauge	NA	4/9/2004	4.10	---	---	---	---	---	NA	
Silver Lake Gauge	NA	4/16/2004	3.75	---	---	---	---	---	NA	
Silver Lake Gauge	NA	4/23/2004	4.29	---	---	---	---	---	NA	
Silver Lake Gauge	NA	4/30/2004	4.02	---	---	---	---	---	NA	

**NOTES:**

1. ft BMP - feet Below Measuring Point
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity.
3. NA indicates information not available.
4. A new Silver Lake Gauge has been installed and will be surveyed to obtain a new horizontal datum. "Depth to Water" values provided refer to feet above the datum, rather than feet below the measuring point.
5. Silver Lake surface water readings are collected outside of each piezometer from the same measuring point used for groundwater elevation measurements (collected within the piezometers). The Total Depth readings listed refer to the surface water depth as measured from the reference point.
6. Additional groundwater elevation data was collected from wells near Silver Lake that are located in the 30s Complex and at the Lyman Street Area. Those results are presented in the monitoring tables for those Removal Action Areas.



**ITEM 22**  
**GROUNDWATER MANAGEMENT AREAS**  
**FORMER OXBOWS J & K (GMA 2)**  
**(GECD320)**  
**APRIL 2004**

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

a. **Activities Undertaken/Completed**

None

b. **Sampling/Test Results Received**

None

c. **Work Plans/Reports/Documents Submitted**

None

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

- Initiate spring 2004 interim groundwater sampling activities upon EPA approval of proposed program (see Item 22.f. below).
- Collect fourth round of baseline groundwater samples at wells GMA2-7 and OJ-MW-2 where access had previously been denied.

e. **General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

f. **Proposed/Approved Work Plan Modifications**

The *Groundwater Management Area 2 Baseline Groundwater Quality Interim Report for Fall 2003* contained a proposal to conduct an interim groundwater quality monitoring program until such time as any necessary soil-related remediation actions are completed in Former Oxbow Areas J and K and a long-term monitoring program can be implemented.

**ITEM 23**  
**GROUNDWATER MANAGEMENT AREAS**  
**PLANT SITE 2 (GMA 3)**  
**(GECD330)**  
**APRIL 2004**

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

**a. Activities Undertaken/Completed**

- Installed groundwater quality monitoring well GMA3-5 and NAPL monitoring wells GMA3-10, GMA3-11, and GMA3-12.
- Conducted semi-annual groundwater elevation monitoring event.
- Initiated spring 2004 baseline groundwater quality sampling event.
- Conducted monthly monitoring and NAPL removal in the vicinity of Buildings 51 and 59. Approximately 15.9 liters (4.2 gallons) of LNAPL were removed by the automatic skimmer located in well 51-12 and an additional 2.55 liters (0.67 gallon) of LNAPL were manually removed from the wells in this area (see Table 23-3).

**b. Sampling/Test Results Received**

- See attached tables.
- Preliminary analytical results received in April 2004 from the spring 2004 GMA 3 baseline groundwater quality monitoring activities are shown in Table 23-2. These preliminary results have been compared to the applicable Method 1 GW-2 and GW-3 groundwater standards and UCLs for groundwater set forth in the MCP. None of the groundwater sample results received in April 2004 were at levels above the applicable Method 1 standards or UCLs.

**c. Work Plans/Reports/Documents Submitted**

None

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

- Continue ongoing NAPL monitoring and recovery activities.
- Complete spring 2004 baseline groundwater quality sampling event.

**ITEM 23**  
**(cont'd)**  
**GROUNDWATER MANAGEMENT AREAS**  
**PLANT SITE 2 (GMA 3)**  
**(GEC330)**  
**APRIL 2004**

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

- Approximately 0.39 feet of LNAPL was observed in new well GMA3-10 during development of this well on April 8, 2004. EPA and MDEP were notified of this observation on the same day. Per the NAPL monitoring program protocol, this well will be monitored on a weekly basis for at least 1 month.
- Nine wells were found to be unusable during the spring 2004 sampling event, and a tenth well was inaccessible due to flooding around the well. GE plans to schedule a technical call with EPA to discuss potential responses to these issues.

**f. Proposed/Approved Work Plan Modifications**

As discussed in Item 23.e. above, the monitoring frequency at well GMA3-10 will be increased from monthly to weekly for at least a 1-month period to further assess the LNAPL observation made at this well in April 2004.

TABLE 23-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004

GROUNDWATER MANAGEMENT AREA 3  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Semi-Annual Groundwater Sampling	111B	4/22/04	Water	CT&E	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), CN, CN (f), Sulfide, PCDD/PCDF, Pest, Herb, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	16A	4/14/04	Water	CT&E	VOC, SVOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	16B-R	4/15/04	Water	CT&E	VOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	2A	4/12/04	Water	CT&E	VOC, SVOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	39B-R	4/13/04	Water	CT&E	VOC, SVOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	39D	4/14/04	Water	CT&E	VOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	39E	4/14/04	Water	CT&E	VOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	39E	4/21/04	Water	CT&E	VOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	43A	4/14/04	Water	CT&E	VOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	43B	4/21/04	Water	CT&E	VOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	51-14	4/13/04	Water	CT&E	VOC	
Semi-Annual Groundwater Sampling	78B-R	4/22/04	Water	CT&E	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), CN, CN (f), Sulfide, PCDD/PCDF, Pest, Herb	
Semi-Annual Groundwater Sampling	90A	4/26/04	Water	CT&E	VOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	90B	4/23/04	Water	CT&E	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), CN, CN (f), Sulfide, PCDD/PCDF, Pest, Herb, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	90B	4/29/04	Water	CT&E	VOC	
Semi-Annual Groundwater Sampling	DUP-4 (OBG-2)	4/20/04	Water	CT&E	VOC	4/30/04
Semi-Annual Groundwater Sampling	DUP-5 (39E)	4/21/04	Water	CT&E	VOC, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	DUP-7 (89B)	4/30/04	Water	CT&E	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), CN, CN (f), Sulfide, PCDD/PCDF, Pest, Herb, Natural Attenuation Parameters	
Semi-Annual Groundwater Sampling	GMA3-2	4/15/04	Water	CT&E	VOC	
Semi-Annual Groundwater Sampling	GMA3-3	4/12/04	Water	CT&E	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), CN, CN (f), Sulfide, PCDD/PCDF, Pest, Herb	
Semi-Annual Groundwater Sampling	GMA3-4	4/15/04	Water	CT&E	VOC	4/30/04
Semi-Annual Groundwater Sampling	GMA3-5	4/19/04	Water	CT&E	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), CN, CN (f), Sulfide, PCDD/PCDF, Pest, Herb	4/30/04
Semi-Annual Groundwater Sampling	GMA3-6	4/16/04	Water	CT&E	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), CN, CN (f), Sulfide, PCDD/PCDF, Pest, Herb	4/30/04
Semi-Annual Groundwater Sampling	GMA3-7	4/20/04	Water	CT&E	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), CN, CN (f), Sulfide, PCDD/PCDF, Pest, Herb	4/30/04
Semi-Annual Groundwater Sampling	GMA3-8	4/21/04	Water	CT&E	VOC	
Semi-Annual Groundwater Sampling	GMA3-9	4/20/04	Water	CT&E	VOC	
Semi-Annual Groundwater Sampling	OBG-2	4/20/04	Water	CT&E	VOC	4/30/04

Notes:

1. Field duplicate sample locations are presented in parenthesis.
2. (f) - Indicates filtered analysis requested.

**TABLE 23-2  
DATA RECEIVED DURING APRIL 2004**

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

Parameter	Sample ID: Date Collected:	GMA3-4 04/15/04	GMA3-5 04/19/04	GMA3-6 04/16/04
<b>Volatile Organics</b>				
Chlorobenzene		ND(0.0050)	ND(0.0050)	0.0035 J
Toluene		ND(0.0050)	ND(0.0050)	0.0016 J
<b>PCBs-Unfiltered</b>				
Aroclor-1254		NA	0.00010	0.00013
Total PCBs		NA	0.00010	0.00013
<b>PCBs-Filtered</b>				
Aroclor-1254		NA	0.000092	0.000046 J
Total PCBs		NA	0.000092	0.000046 J
<b>Semivolatile Organics</b>				
None Detected		--	--	--
<b>Organochlorine Pesticides</b>				
None Detected		NA	--	--
<b>Organophosphate Pesticides</b>				
None Detected		NA	--	--
<b>Herbicides</b>				
None Detected		NA	--	--
<b>Furans</b>				
2,3,7,8-TCDF		NA	ND(0.0000000016)	ND(0.0000000012)
TCDFs (total)		NA	ND(0.0000000016)	ND(0.0000000012)
1,2,3,7,8-PeCDF		NA	ND(0.0000000015) X	ND(0.0000000013) X
2,3,4,7,8-PeCDF		NA	0.0000000010 J	ND(0.0000000083) X
PeCDFs (total)		NA	0.0000000010	ND(0.0000000025)
1,2,3,4,7,8-HxCDF		NA	ND(0.0000000095) X	ND(0.0000000067) X
1,2,3,6,7,8-HxCDF		NA	0.0000000012 J	ND(0.0000000099) X
1,2,3,7,8,9-HxCDF		NA	ND(0.0000000025)	ND(0.0000000025)
2,3,4,6,7,8-HxCDF		NA	ND(0.0000000025)	ND(0.0000000025)
HxCDFs (total)		NA	0.0000000012	ND(0.0000000025)
1,2,3,4,6,7,8-HpCDF		NA	0.0000000014 J	ND(0.0000000025)
1,2,3,4,7,8,9-HpCDF		NA	ND(0.0000000025)	ND(0.0000000025)
HpCDFs (total)		NA	0.0000000014	ND(0.0000000025)
OCDF		NA	ND(0.0000000049)	ND(0.0000000050)
<b>Dioxins</b>				
2,3,7,8-TCDD		NA	ND(0.0000000017)	ND(0.0000000017)
TCDDs (total)		NA	ND(0.0000000024)	ND(0.0000000026)
1,2,3,7,8-PeCDD		NA	ND(0.0000000025)	0.0000000011 J
PeCDDs (total)		NA	ND(0.0000000036)	0.0000000011
1,2,3,4,7,8-HxCDD		NA	ND(0.0000000043)	ND(0.0000000032)
1,2,3,6,7,8-HxCDD		NA	ND(0.0000000038)	ND(0.0000000028)
1,2,3,7,8,9-HxCDD		NA	ND(0.0000000041)	ND(0.0000000031)
HxCDDs (total)		NA	ND(0.0000000041)	ND(0.0000000033)
1,2,3,4,6,7,8-HpCDD		NA	ND(0.0000000028)	ND(0.0000000025)
HpCDDs (total)		NA	ND(0.0000000028)	ND(0.0000000025)
OCDD		NA	0.000000010 J	0.0000000041 J
Total TEQs (WHO TEFs)		NA	0.0000000038	0.0000000031

**TABLE 23-2  
DATA RECEIVED DURING APRIL 2004**

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

Parameter	Sample ID: Date Collected:	GMA3-4 04/15/04	GMA3-5 04/19/04	GMA3-6 04/16/04
<b>Inorganics-Unfiltered</b>				
Arsenic		NA	ND(0.0100)	0.00540 B
Barium		NA	0.0480 B	0.300
Cadmium		NA	0.000700 B	ND(0.00500)
Chromium		NA	0.00110 B	ND(0.0100)
Cobalt		NA	0.00630 B	ND(0.0500)
Copper		NA	0.00460 B	ND(0.0250)
Nickel		NA	0.00760 B	0.00220 B
Zinc		NA	0.0120 B	0.00450 B
<b>Inorganics-Filtered</b>				
Arsenic		NA	ND(0.0100)	ND(0.0100)
Barium		NA	0.0480 B	0.260
Cadmium		NA	ND(0.00500)	ND(0.00500)
Chromium		NA	ND(0.0100)	ND(0.0100)
Cobalt		NA	0.00590 B	ND(0.0500)
Copper		NA	ND(0.0250)	ND(0.0250)
Nickel		NA	0.00690 B	ND(0.0400)
Zinc		NA	0.0200 B	0.0130 B

**TABLE 23-2  
DATA RECEIVED DURING APRIL 2004**

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

<b>Parameter</b>	<b>Sample ID: Date Collected:</b>	<b>GMA3-7 04/20/04</b>	<b>OBG-2 04/20/04</b>
<b>Volatile Organics</b>			
Chlorobenzene		ND(0.0050)	ND(0.0050) [ND(0.0050)]
Toluene		ND(0.0050)	ND(0.0050) [ND(0.0050)]
<b>PCBs-Unfiltered</b>			
Aroclor-1254		0.00013	NA
Total PCBs		0.00013	NA
<b>PCBs-Filtered</b>			
Aroclor-1254		0.000038 J	NA
Total PCBs		0.000038 J	NA
<b>Semivolatile Organics</b>			
None Detected		--	--
<b>Organochlorine Pesticides</b>			
None Detected		--	NA
<b>Organophosphate Pesticides</b>			
None Detected		--	NA
<b>Herbicides</b>			
None Detected		--	NA
<b>Furans</b>			
2,3,7,8-TCDF		ND(0.0000000013)	NA
TCDFs (total)		ND(0.0000000013)	NA
1,2,3,7,8-PeCDF		0.0000000020 J	NA
2,3,4,7,8-PeCDF		0.0000000014 J	NA
PeCDFs (total)		0.0000000034	NA
1,2,3,4,7,8-HxCDF		ND(0.0000000014) X	NA
1,2,3,6,7,8-HxCDF		0.0000000016 J	NA
1,2,3,7,8,9-HxCDF		0.0000000015 J	NA
2,3,4,6,7,8-HxCDF		ND(0.00000000087) X	NA
HxCDFs (total)		0.0000000031	NA
1,2,3,4,6,7,8-HpCDF		0.0000000016 J	NA
1,2,3,4,7,8,9-HpCDF		ND(0.0000000024)	NA
HpCDFs (total)		0.0000000016	NA
OCDF		ND(0.0000000048)	NA
<b>Dioxins</b>			
2,3,7,8-TCDD		ND(0.0000000016)	NA
TCDDs (total)		ND(0.0000000023)	NA
1,2,3,7,8-PeCDD		0.0000000018 J	NA
PeCDDs (total)		0.0000000018	NA
1,2,3,4,7,8-HxCDD		ND(0.0000000026)	NA
1,2,3,6,7,8-HxCDD		ND(0.0000000024)	NA
1,2,3,7,8,9-HxCDD		ND(0.0000000025)	NA
HxCDDs (total)		ND(0.0000000040)	NA
1,2,3,4,6,7,8-HpCDD		0.0000000032 J	NA
HpCDDs (total)		0.0000000032	NA
OCDD		0.0000000077 J	NA
Total TEQs (WHO TEFs)		0.0000000043	NA

**TABLE 23-2  
DATA RECEIVED DURING APRIL 2004**

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

<b>Parameter</b>	<b>Sample ID: Date Collected:</b>	<b>GMA3-7 04/20/04</b>	<b>OBG-2 04/20/04</b>
<b>Inorganics-Unfiltered</b>			
Arsenic		ND(0.0100)	NA
Barium		0.0840 B	NA
Cadmium		ND(0.00500)	NA
Chromium		0.00160 B	NA
Cobalt		ND(0.0500)	NA
Copper		ND(0.0250)	NA
Nickel		0.00180 B	NA
Zinc		0.00580 B	NA
<b>Inorganics-Filtered</b>			
Arsenic		ND(0.0100)	NA
Barium		0.0890 B	NA
Cadmium		ND(0.00500)	NA
Chromium		ND(0.0100)	NA
Cobalt		ND(0.0500)	NA
Copper		ND(0.0250)	NA
Nickel		ND(0.0400)	NA
Zinc		0.0200 B	NA



**TABLE 23-2  
DATA RECEIVED DURING APRIL 2004**

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

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs and Appendix IX+3 constituents.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
5. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.
6. Field duplicate sample results are presented in brackets.
7. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

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

- J - Indicates an estimated value less than the practical quantitation limit (PQL).
- X - Estimated maximum possible concentration.

Inorganics

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

**TABLE 23-3**  
**MEASUREMENT AND REMOVAL OF RECOVERABLE LNAPL**  
**GROUNDWATER MANAGEMENT AREA 3**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**April 2004**

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	April 2004 Removal (liters)
51-05	4/5/2004	9.35	9.20	0.15	0.093	0.093
51-08	4/5/2004	10.10	9.95	0.15	0.093	0.093
51-15	4/5/2004	9.35	9.18	0.17	0.105	0.105
51-16R	4/20/2004	9.37	9.35	0.02	0.012	0.012
51-17	4/5/2004	9.95	9.00	0.95	0.586	0.586
51-19	4/5/2004	10.15	9.20	0.95	0.586	0.586
51-21	4/9/2004	NM	NM	NM	15.918	15.918
59-03R	4/5/2004	11.50	10.40	1.10	0.679	0.679
GMA3-10	4/8/2004	10.70	10.31	0.39	0.400	0.400

**Total Automated LNAPL Removal at well 51-21 for April 2004: 15.918 liters**  
**4.20 Gallons**

**Total Manual LNAPL Removal at all other wells for April 2004: 2.553 liters**  
**0.67 Gallons**

**Total LNAPL Removed for April 2004: 18.471 liters**  
**4.87 Gallons**

**NOTE:**

1. ft BMP - feet Below Measuring Point

**TABLE 23-4**  
**ROUTINE WELL MONITORING**  
**GROUNDWATER MANAGEMENT AREA 3**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**April 2004**

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
002A	994.16	4/12/2004	7.58	---	0.00	---	55.13	0.00	986.58
002A	994.16	4/20/2004	7.66	---	0.00	---	55.14	0.00	986.50
006B	993.01	4/15/2004	5.05	---	0.00	---	9.59	0.00	987.96
006B	993.01	4/20/2004	6.00	---	0.00	---	9.59	0.00	987.01
016A	991.77	4/14/2004	6.07	---	0.00	---	51.08	0.00	985.70
016A	991.77	4/21/2004	6.71	---	0.00	---	51.16	0.00	985.06
016B-R	994.87	4/15/2004	8.62	---	0.00	---	16.48	0.00	986.25
016B-R	994.87	4/21/2004	8.89	---	0.00	---	16.50	0.00	985.98
016C	991.47	4/15/2004	6.56	---	0.00	---	83.13	0.00	984.91
016C	991.47	4/21/2004	6.10	---	0.00	---	83.49	0.00	985.37
016E	992.14	4/21/2004	6.12	---	0.00	---	49.38	0.00	986.02
039B-R	991.97	4/13/2004	5.66	---	0.00	---	13.91	0.00	986.31
039B-R	991.97	4/20/2004	5.74	---	0.00	---	13.96	0.00	986.23
039D	992.16	4/14/2004	5.35	---	0.00	---	66.28	0.00	986.81
039D	992.16	4/20/2004	5.67	---	0.00	---	66.25	0.00	986.49
039E	992.21	4/14/2004	4.75	---	0.00	---	235.00	0.00	987.46
039E	992.21	4/20/2004	5.13	---	0.00	---	234.00	0.00	987.08
039E	992.21	4/21/2004	5.15	---	0.00	---	234.00	0.00	987.06
043A	993.79	4/14/2004	6.06	---	0.00	---	51.38	0.00	987.73
043A	993.79	4/20/2004	5.24	---	0.00	---	51.55	0.00	988.55
043B	993.61	4/20/2004	5.50	---	0.00	---	21.51	0.00	988.11
043B	993.61	4/21/2004	5.46	---	0.00	---	21.46	0.00	988.15
050B	991.76	4/20/2004	2.76	---	0.00	---	15.16	0.00	989.00
054B	987.96	4/20/2004	Well submerged in marsh, could not gauge.						NA
078B-R	988.83	4/20/2004	0.71	---	0.00	---	11.85	0.00	988.12
082B	990.08	4/19/2004	3.64	---	0.00	---	10.20	0.00	986.44
082B	990.08	4/21/2004	3.87	---	0.00	---	10.18	0.00	986.21
089A	985.76	4/21/2004	2.15	---	0.00	---	47.48	0.00	983.61
089B	986.03	4/19/2004	2.30	---	0.00	---	8.97	0.00	983.73
089B	986.03	4/21/2004	2.40	---	0.00	---	8.96	0.00	983.63
089B	986.03	4/30/2004	2.18	---	0.00	---	8.94	0.00	983.85
089D	985.42	4/21/2004	1.80	---	0.00	---	66.95	0.00	983.62
089D	985.42	4/23/2004	1.74	---	0.00	---	66.88	0.00	983.68
089D	985.42	4/28/2004	1.30	---	0.00	---	67.08	0.00	984.12
090A	988.07	4/21/2004	4.72	---	0.00	---	51.83	0.00	983.35
090A	988.07	4/26/2004	4.97	---	0.00	---	52.30	0.00	983.10
090B	989.10	4/21/2004	5.86	---	0.00	---	12.98	0.00	983.24
090B	989.10	4/29/2004	5.44	---	0.00	---	12.94	0.00	983.66
095A	987.18	4/21/2004	6.44	---	0.00	---	51.08	0.00	980.74
095A	987.18	4/22/2004	6.50	---	0.00	---	51.08	0.00	980.68
095B	988.72	4/19/2004	7.39	---	0.00	---	12.96	0.00	981.33
095B	988.72	4/21/2004	7.06	---	0.00	---	11.68	0.00	981.66
095B	988.72	4/22/2004	6.12	---	0.00	---	11.71	0.00	982.60
095C	988.16	4/21/2004	4.44	---	0.00	---	86.13	0.00	983.72
095C	988.16	4/22/2004	3.79	---	0.00	---	98.41	0.00	984.37
111A	997.57	4/21/2004	Obstruction 3.94' BMP						NA
111B	996.75	4/21/2004	12.86	---	0.00	---	16.64	0.00	983.89
111B	996.75	4/22/2004	12.86	---	0.00	---	16.59	0.00	983.89

**TABLE 23-4**  
**ROUTINE WELL MONITORING**  
**GROUNDWATER MANAGEMENT AREA 3**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**April 2004**

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
114A	986.16	4/21/2004	6.91	---	0.00	---	52.33	0.00	979.25
114A	986.16	4/30/2004	6.41	---	0.00	---	52.32	0.00	979.75
114B	984.98	4/21/2004	6.05	---	0.00	---	11.02	0.00	978.93
114B	984.98	4/30/2004	5.69	---	0.00	---	10.98	0.00	979.29
114C	986.68	4/21/2004	8.05	---	0.00	---	90.28	0.00	978.63
114C	986.68	4/21/2004	8.05	---	0.00	---	90.38	0.00	978.63
51-05	996.44	4/5/2004	9.35	9.20	0.15	---	12.50	0.00	987.23
51-05	996.44	4/20/2004	9.44	---	0.00	---	12.61	0.00	987.00
51-06	997.36	4/20/2004	9.97	---	0.00	---	14.70	0.00	987.39
51-07	997.08	4/20/2004	9.89	---	0.00	---	11.22	0.00	987.19
51-08	997.08	4/5/2004	10.10	9.95	0.15	---	14.00	0.00	987.12
51-08	997.08	4/9/2004	10.00	9.96	0.04	---	14.64	0.00	987.12
51-08	997.08	4/16/2004	10.00	9.99	0.01	---	14.63	0.00	987.09
51-08	997.08	4/20/2004	10.07	10.05	0.02	---	14.63	0.00	987.03
51-08	997.08	4/23/2004	10.13	10.12	0.01	---	14.62	0.00	986.96
51-08	997.08	4/30/2004	10.05	10.03	0.02	---	14.59	0.00	987.05
51-09	997.70	4/20/2004	9.21	---	0.00	---	12.07	0.00	988.49
51-11	994.37	4/20/2004	7.43	---	0.00	---	13.48	0.00	986.94
51-12	996.55	4/20/2004	6.84	---	0.00	---	10.95	0.00	989.71
51-13	997.42	4/20/2004	Dry	---	0.00	---	10.03	0.00	< 987.39
51-14	996.77	4/13/2004	9.91	---	0.00	---	15.09	0.00	986.86
51-14	996.77	4/20/2004	9.89	---	0.00	---	15.01	0.00	986.88
51-15	996.43	4/5/2004	9.35	9.18	0.17	---	14.45	0.00	987.24
51-15	996.43	4/20/2004	9.47	9.35	0.12	---	14.51	0.00	987.07
51-16R	996.39	4/5/2004	9.15	---	0.00	---	16.55	0.00	987.24
51-16R	996.39	4/20/2004	9.37	9.35	0.02	---	14.56	0.00	987.04
51-17	996.43	4/5/2004	9.95	9.00	0.95	---	14.50	0.00	987.36
51-17	996.43	4/20/2004	9.80	9.19	0.61	---	14.49	0.00	987.20
51-18	997.12	4/20/2004	10.10	---	0.00	---	12.54	0.00	987.02
51-19	996.43	4/5/2004	10.15	9.20	0.95	---	14.00	0.00	987.16
51-19	996.43	4/20/2004	10.44	9.43	1.01	---	14.03	0.00	986.93
51-21	1,001.49	4/7/2004	14.31	14.30	0.01	---	NM	0.00	987.19
51-21	1,001.49	4/9/2004	NM	NM	NM	NM	NM	NM	NA
51-21	1,001.49	4/14/2004	14.38	P	< 0.01	---	NM	0.00	987.11
51-21	1,001.49	4/21/2004	14.53	P	< 0.01	---	NM	0.00	986.96
51-21	1,001.49	4/27/2004	14.38	P	< 0.01	---	NM	0.00	987.11
59-01	997.52	4/20/2004	10.40	---	0.00	---	11.36	0.00	987.12
59-03R	997.64	4/5/2004	11.50	10.40	1.10	---	17.05	0.00	987.16
59-03R	997.64	4/20/2004	11.45	10.47	0.98	---	17.04	0.00	987.10
59-07	997.96	4/5/2004	10.70	---	0.00	---	23.55	0.00	987.26
59-07	997.96	4/20/2004	10.77	---	0.00	---	23.57	0.00	987.19
GMA3-2	991.94	4/15/2004	6.10	---	0.00	---	14.73	0.00	985.84
GMA3-2	991.94	4/21/2004	6.47	---	0.00	---	15.07	0.00	985.47
GMA3-3	990.45	4/12/2004	1.80	---	0.00	---	12.28	0.00	988.65
GMA3-3	990.45	4/20/2004	0.78	---	0.00	---	12.32	0.00	989.67
GMA3-4	994.60	4/15/2004	6.35	---	0.00	---	13.86	0.00	988.25
GMA3-4	994.60	4/20/2004	6.44	---	0.00	---	13.86	0.00	988.16
GMA3-5	993.67	4/7/2004	6.30	---	0.00	---	14.90	0.00	987.37

**TABLE 23-4**  
**ROUTINE WELL MONITORING**  
**GROUNDWATER MANAGEMENT AREA 3**  
**CONSENT DECREE MONTHLY STATUS REPORT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**  
**April 2004**

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA3-5	993.67	4/19/2004	6.98	---	0.00	---	15.48	0.00	986.69
GMA3-6	997.49	4/16/2004	9.98	---	0.00	---	18.03	0.00	987.51
GMA3-6	997.49	4/20/2004	10.15	---	0.00	---	18.06	0.00	987.34
GMA3-7	1,000.17	4/20/2004	12.72	---	0.00	---	20.08	0.00	987.45
GMA3-8	996.24	4/7/2004	8.65	---	0.00	---	16.05	0.00	987.59
GMA3-8	996.24	4/21/2004	9.18	---	0.00	---	15.76	0.00	987.06
GMA3-9	992.39	4/20/2004	4.00	---	0.00	---	12.79	0.00	988.39
GMA3-10	997.54	4/8/2004	10.70	10.31	0.39	---	18.38	0.00	987.20
GMA3-11	997.25	4/7/2004	13.21	---	0.00	---	18.34	0.00	984.04
GMA3-12	997.84	4/7/2004	10.74	---	0.00	---	21.32	0.00	987.10
OBG-2	992.26	4/19/2004	3.85	---	0.00	---	15.28	0.00	988.41
OBG-2	992.26	4/20/2004	4.51	---	0.00	---	15.28	0.00	987.75
UB-MW-10	995.99	4/20/2004	8.85	---	0.00	---	15.79	0.00	987.14
UB-PZ-1	999.70	4/20/2004	12.44	---	0.00	---	13.25	0.00	987.26
UB-PZ-2	994.77	4/20/2004	8.31	---	0.00	---	10.58	0.00	986.46
UB-PZ-3	998.15	4/5/2004	11.50	11.10	0.40	---	13.40	0.00	987.02
UB-PZ-3	998.15	4/20/2004	11.59	11.03	0.56	---	13.42	0.00	987.08
<b>Unkamet Brook Staff Gauge</b>									
GMA3-SG-1	983.44	4/20/2004	3.10	---	---	---	---	---	986.54
GMA3-SG-2	NA	4/21/2004	Gauge Not Present						NA
GMA3-SG-3	985.53	4/20/2004	2.34	---	---	---	---	---	987.87

**NOTES:**

1. ft BMP - feet Below Measuring Point
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity
3. NA indicates information not available.
4. NM indicates information not measured.
5. P indicates that LNAPL or DNAPL is present at a thickness that is < 0.01 feet. The corresponding thickness is recorded as such.
6. Certain GMA 3 wells were developed during February 2002. Total depth measurements taken after development are provided for comparison to pre-development data.
7. For the Unkamet Brook Staff Gauge, a reading of 0.00 feet corresponds to the listed measuring point elevation. The "Depth to Water" values shown above refer to feet above the datum, rather than feet below the measuring point.

**ITEM 24**  
**GROUNDWATER MANAGEMENT AREAS**  
**PLANT SITE 3 (GMA 4)**  
**(GEC340)**  
**APRIL 2004**

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

**a. Activities Undertaken/Completed**

Conducted semi-annual groundwater elevation and spring 2004 interim groundwater quality sampling activities. All wells were sampled, with the exception of well GMA4-5, which will be sampled as part of a separate ACO investigation in May 2004. (The wells sampled are listed in Table 24-1.)

**b. Sampling/Test Results Received**

None

**c. Work Plans/Reports/Documents Submitted**

None

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

Complete spring 2004 interim groundwater sampling activities.

**e. General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

**f. Proposed/Approved Work Plan Modifications**

None

**TABLE 24-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**GROUNDWATER MANAGEMENT AREA 4  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
Semi-Annual Groundwater Sampling	60B-R	4/27/04	Water	CT&E	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), CN, CN (f), Sulfide, PCDD/PCDF	
Semi-Annual Groundwater Sampling	78-1	4/26/04	Water	CT&E	PCB (f), VOC, SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	
Semi-Annual Groundwater Sampling	78-6	4/27/04	Water	CT&E	PCB (f), VOC, SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	
Semi-Annual Groundwater Sampling	DUP-6 (H78BR-13R)	4/27/04	Water	CT&E	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), CN, CN (f), Sulfide, PCDD/PCDF	
Semi-Annual Groundwater Sampling	H78B-13R	4/27/04	Water	CT&E	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), CN, CN (f), Sulfide, PCDD/PCDF	
Semi-Annual Groundwater Sampling	H78B-15	4/29/04	Water	CT&E	PCB (f), VOC, SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	
Semi-Annual Groundwater Sampling	H78B-16	4/29/04	Water	CT&E	VOC	
Semi-Annual Groundwater Sampling	H78B-17R	4/29/04	Water	CT&E	VOC	
Semi-Annual Groundwater Sampling	OPCA-MW-1	4/28/04	Water	CT&E	PCB (f), VOC, SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	
Semi-Annual Groundwater Sampling	OPCA-MW-2	4/27/04	Water	CT&E	PCB (f), VOC, SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	
Semi-Annual Groundwater Sampling	OPCA-MW-3	4/29/04	Water	CT&E	PCB (f), VOC, SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	
Semi-Annual Groundwater Sampling	OPCA-MW-4	4/28/04	Water	CT&E	PCB (f), VOC, SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	
Semi-Annual Groundwater Sampling	OPCA-MW-5R	4/28/04	Water	CT&E	PCB (f), VOC, SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	
Semi-Annual Groundwater Sampling	OPCA-MW-6	4/28/04	Water	CT&E	PCB (f), VOC, SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	
Semi-Annual Groundwater Sampling	OPCA-MW-7	4/29/04	Water	CT&E	PCB (f), VOC, SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	
Semi-Annual Groundwater Sampling	OPCA-MW-8	4/28/04	Water	CT&E	PCB (f), VOC, SVOC, Metals (f), CN (f), Sulfide, PCDD/PCDF	
Semi-Annual Groundwater Sampling	UB-MW-5	4/27/04	Water	CT&E	PCB, PCB (f), VOC, SVOC, Metals, Metals(f), CN, CN (f), Sulfide, PCDD/PCDF	

Notes:

1. Field duplicate sample locations are presented in parenthesis.
2. (f) - Indicates filtered analysis requested.

**ITEM 25  
GROUNDWATER MANAGEMENT AREAS  
FORMER OXBOWS A & C (GMA 5)  
(GECD350)  
APRIL 2004**

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

a. **Activities Undertaken/Completed**

None

b. **Sampling/Test Results Received**

None

c. **Work Plans/Reports/Documents Submitted**

None

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

Initiate spring 2004 interim groundwater sampling activities upon EPA approval of proposed program (see Item 25.f. below).

e. **General Progress/Unresolved Issues/Potential Schedule Impacts**

No issues

f. **Proposed/Approved Work Plan Modifications**

The *Groundwater Management Area 5 Baseline Groundwater Quality Interim Report for Fall 2003* contained a proposal to conduct an interim groundwater quality monitoring program until such time as any necessary soil-related remediation actions are completed at Former Oxbow Areas A and C and a long-term monitoring program can be implemented.



# ***Attachment A***

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## ***NPDES Sampling Records and Results April 2004***

**TABLE A-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**NPDES PERMIT MONITORING  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
NPDES Sampling	001-A5561	4/5/04	Water	CT&E	Oil & Grease	4/14/04
NPDES Sampling	001-A5563	4/5/04	Water	CT&E	PCB	4/14/04
NPDES Sampling	001-A5570	4/6/04	Water	CT&E	TSS	4/14/04
NPDES Sampling	004-A5541	4/1/04	Water	CT&E	Oil & Grease	4/9/04
NPDES Sampling	004-A5543	4/1/04	Water	CT&E	PCB	4/9/04
NPDES Sampling	005-A5535/A5536	3/30/04	Water	CT&E	PCB	4/6/04
NPDES Sampling	005-A5572/A5573	4/6/04	Water	CT&E	PCB, TSS, BOD	4/14/04
NPDES Sampling	005-A5583/A5584	4/13/04	Water	CT&E	PCB	4/21/04
NPDES Sampling	005-A5605/A5606	4/20/04	Water	CT&E	PCB	4/29/04
NPDES Sampling	005-A5620/A5621	4/27/04	Water	CT&E	PCB	
NPDES Sampling	006-A5549	4/1/04	Water	CT&E	Oil & Grease	4/9/04
NPDES Sampling	006-A5551	4/1/04	Water	CT&E	PCB	4/9/04
NPDES Sampling	007-A5544	4/1/04	Water	CT&E	PCB	4/9/04
NPDES Sampling	01A-A5552	4/1/04	Water	CT&E	Oil & Grease	4/9/04
NPDES Sampling	01A-A5554	4/1/04	Water	CT&E	PCB	4/9/04
NPDES Sampling	05A-A5546	4/1/04	Water	CT&E	Oil & Grease	4/9/04
NPDES Sampling	05A-A5548	4/1/04	Water	CT&E	PCB	4/9/04
NPDES Sampling	05B-A5555	4/1/04	Water	CT&E	Oil & Grease	4/9/04
NPDES Sampling	05B-A5557	4/1/04	Water	CT&E	PCB	4/9/04
NPDES Sampling	09A-A5529	3/28/04	Water	CT&E	TSS	4/6/04
NPDES Sampling	09A-A5537	3/30/04	Water	CT&E	BOD	4/6/04
NPDES Sampling	09A-A5558	4/4/04	Water	CT&E	TSS	4/14/04
NPDES Sampling	09A-A5574	4/6/04	Water	CT&E	BOD	4/14/04
NPDES Sampling	09A-A5587	4/13/04	Water	CT&E	TSS, BOD	4/21/04
NPDES Sampling	09A-A5613	4/26/04	Water	CT&E	TSS, BOD	
NPDES Sampling	09B-A5538	3/30/04	Water	CT&E	BOD	4/6/04
NPDES Sampling	09B-A5588	4/13/04	Water	CT&E	TSS, BOD	4/21/04
NPDES Sampling	09B-A5597	4/18/04	Water	CT&E	TSS	4/26/04
NPDES Sampling	09B-A5602	4/19/04	Water	CT&E	BOD	4/26/04
NPDES Sampling	09B-A5614	4/26/04	Water	CT&E	TSS, BOD	
NPDES Sampling	09C-A5539	3/31/04	Water	CT&E	Oil & Grease	4/9/04
NPDES Sampling	09C-A5545	4/1/04	Water	CT&E	PCB	4/9/04
NPDES Sampling	09C-A5559	4/4/04	Water	CT&E	Oil & Grease	4/14/04
NPDES Sampling	09C-A5589	4/13/04	Water	CT&E	Oil & Grease	4/21/04
NPDES Sampling	09C-A5607	4/23/04	Water	CT&E	Oil & Grease	
NPDES Sampling	09C-A5615	4/26/04	Water	CT&E	Oil & Grease	
NPDES Sampling	64G-A5532	3/29/04	Water	CT&E	Oil & Grease	4/6/04
NPDES Sampling	64G-A5566	4/5/04	Water	CT&E	Oil & Grease	4/14/04
NPDES Sampling	64G-A5579	4/12/04	Water	CT&E	Oil & Grease	4/21/04
NPDES Sampling	64G-A5585	4/13/04	Water	CT&E	SVOC	4/21/04
NPDES Sampling	64G-A5586	4/13/04	Water	CT&E	VOC	4/21/04

**TABLE A-1  
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING APRIL 2004**

**NPDES PERMIT MONITORING  
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

<b>Project Name</b>	<b>Field Sample ID</b>	<b>Sample Date</b>	<b>Matrix</b>	<b>Laboratory</b>	<b>Analyses</b>	<b>Date Received</b>
NPDES Sampling	64G-A5600	4/19/04	Water	CT&E	Oil & Grease	4/29/04
NPDES Sampling	64G-A5611	4/26/04	Water	CT&E	Oil & Grease	
NPDES Sampling	64T-A5530	3/29/04	Water	CT&E	Oil & Grease	4/6/04
NPDES Sampling	64T-A5564	4/5/04	Water	CT&E	Oil & Grease	4/14/04
NPDES Sampling	64T-A5577	4/12/04	Water	CT&E	Oil & Grease	4/21/04
NPDES Sampling	64T-A5598	4/19/04	Water	CT&E	Oil & Grease	4/29/04
NPDES Sampling	64T-A5609	4/26/04	Water	CT&E	Oil & Grease	
NPDES Sampling	A5569C	4/6/04	Water	CT&E	Acute Toxicity Test	4/19/04
NPDES Sampling	A5568RCN	4/6/04	Water	CT&E	CN	4/14/04
NPDES Sampling	A5568RTM	4/6/04	Water	CT&E	Metals (10)	4/14/04
NPDES Sampling	A5568R	4/6/04	Water	CT&E	Acute Toxicity Test	4/19/04
NPDES Sampling	A5569CCN	4/6/04	Water	CT&E	CN	4/14/04
NPDES Sampling	A5569CDM	4/6/04	Water	CT&E	Filtered Metals (8)	4/14/04
NPDES Sampling	A5569CTM	4/6/04	Water	CT&E	Metals (10)	4/14/04
NPDES Sampling	APR04WK1	3/30/04	Water	CT&E	Cu, Pb, Zn	4/6/04
NPDES Sampling	APR04WK3	4/13/04	Water	CT&E	Cu, Pb, Zn	4/21/04
NPDES Sampling	APR04WK4	4/20/04	Water	CT&E	Cu, Pb, Zn	4/29/04
NPDES Sampling	MAY04WK1	4/27/04	Water	CT&E	Cu, Pb, Zn	
NPDES Sampling	SR068-A5525	3/27/04	Water	CT&E	Oil & Grease	4/6/04
NPDES Sampling	SR068-A5527	3/27/04	Water	CT&E	PCB	4/6/04
Stormwater Monitoring	001-A5591	4/12/04	Water	CT&E	Zinc	4/21/04
Stormwater Monitoring	007-A5594	4/12/04	Water	CT&E	Zinc	4/21/04
Stormwater Monitoring	YD12-A5592	4/12/04	Water	CT&E	Zinc	4/21/04
Stormwater Monitoring	YD13-A5593	4/12/04	Water	CT&E	Zinc	4/21/04
Stormwater Monitoring	YD5-A5596	4/12/04	Water	CT&E	Zinc	4/21/04
Stormwater Monitoring	YD9-A5595	4/12/04	Water	CT&E	Zinc	4/21/04

TABLE A-2  
DATA RECEIVED DURING APRIL 2004

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

Parameter	Sample ID: Date Collected:	001-A5561 04/05/04	001-A5563 04/05/04	001-A5570 04/06/04	01A-A5552 04/01/04	01A-A5554 04/01/04	004-A5541 04/01/04	004-A5543 04/01/04	005-A5535/A5536 03/30/04
<b>Volatile Organics</b>									
None Detected		NA	NA	NA	NA	NA	NA	NA	NA
<b>PCBs-Unfiltered</b>									
Aroclor-1254		NA	0.000038 J	NA	NA	0.00036	NA	0.00024	0.000036 J
Aroclor-1260		NA	ND(0.000065)	NA	NA	0.00030	NA	0.00022	0.000018 J
Total PCBs		NA	0.000038 J	NA	NA	0.00066	NA	0.00046	0.000054 J
<b>Semivolatile Organics</b>									
None Detected		NA	NA	NA	NA	NA	NA	NA	NA
<b>Inorganics-Unfiltered</b>									
Aluminum		NA	NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA	NA
Calcium		NA	NA	NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA	NA
Cyanide		NA	NA	NA	NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA	NA	NA	NA
Magnesium		NA	NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA	NA
<b>Inorganics-Filtered</b>									
Aluminum		NA	NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA	NA
<b>Conventionals</b>									
Biological Oxygen Demand (5-day)		NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease		ND(5.0)	NA	NA	2.4 B	NA	ND(5.0)	NA	NA
Total Suspended Solids		NA	NA	ND(5.00)	NA	NA	NA	NA	NA

TABLE A-2  
DATA RECEIVED DURING APRIL 2004

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

Parameter	Sample ID: Date Collected:	005-A5572/A5573 04/06/04	005-A5583/A5584 04/13/04	005-A5605/A5606 04/20/04	05A-A5546 04/01/04	05A-A5548 04/01/04	05B-A5555 04/01/04	05B-A5557 04/01/04	006-A5549 04/01/04
<b>Volatile Organics</b>									
None Detected		NA	NA	NA	NA	NA	NA	NA	NA
<b>PCBs-Unfiltered</b>									
Aroclor-1254		ND(0.000065)	0.000056 J	ND(0.000065)	NA	0.00042	NA	0.0016	NA
Aroclor-1260		ND(0.000065)	0.000071	0.000016 J	NA	0.00054	NA	0.0013	NA
Total PCBs		ND(0.000065)	0.000127	0.000016 J	NA	0.00096	NA	0.0029	NA
<b>Semivolatile Organics</b>									
None Detected		NA	NA	NA	NA	NA	NA	NA	NA
<b>Inorganics-Unfiltered</b>									
Aluminum		NA	NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA	NA
Calcium		NA	NA	NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA	NA
Cyanide		NA	NA	NA	NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA	NA	NA	NA
Magnesium		NA	NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA	NA
<b>Inorganics-Filtered</b>									
Aluminum		NA	NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA	NA
<b>Conventionals</b>									
Biological Oxygen Demand (5-day)		ND(2.0)	NA	NA	NA	NA	NA	NA	NA
Oil & Grease		NA	NA	NA	ND(5.0)	NA	4.8 B	NA	4.9 B
Total Suspended Solids		ND(5.00)	NA	NA	NA	NA	NA	NA	NA

TABLE A-2  
DATA RECEIVED DURING APRIL 2004

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

Parameter	Sample ID: Date Collected:	006-A5551 04/01/04	007-A5544 04/01/04	09A-A5529 03/28/04	09A-A5537 03/30/04	09A-A5558 04/04/04	09A-A5574 04/06/04	09A-A5587 04/13/04	09B-A5538 03/30/04	09B-A5588 04/13/04
<b>Volatile Organics</b>										
None Detected		NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>PCBs-Unfiltered</b>										
Aroclor-1254		0.00017	0.00014	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260		0.00016	0.000063 J	NA	NA	NA	NA	NA	NA	NA
Total PCBs		0.00033	0.000203	NA	NA	NA	NA	NA	NA	NA
<b>Semivolatile Organics</b>										
None Detected		NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Inorganics-Unfiltered</b>										
Aluminum		NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide		NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Inorganics-Filtered</b>										
Aluminum		NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Conventionals</b>										
Biological Oxygen Demand (5-day)		NA	NA	NA	4.5	NA	16	ND(2.0)	2.2	2.2
Oil & Grease		NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids		NA	NA	6.00	NA	16.0	NA	77.0	NA	12.0

TABLE A-2  
DATA RECEIVED DURING APRIL 2004

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

Parameter	Sample ID: Date Collected:	09B-A5597 04/18/04	09B-A5602 04/19/04	09C-A5539 03/31/04	09C-A5545 04/01/04	09C-A5559 04/04/04	09C-A5589 04/13/04	64G-A5532 03/29/04	64G-A5566 04/05/04	64G-A5579 04/12/04
<b>Volatile Organics</b>										
None Detected		NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>PCBs-Unfiltered</b>										
Aroclor-1254		NA	NA	NA	0.00014	NA	NA	NA	NA	NA
Aroclor-1260		NA	NA	NA	0.00018	NA	NA	NA	NA	NA
Total PCBs		NA	NA	NA	0.00032	NA	NA	NA	NA	NA
<b>Semivolatile Organics</b>										
None Detected		NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Inorganics-Unfiltered</b>										
Aluminum		NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide		NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Inorganics-Filtered</b>										
Aluminum		NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Conventionals</b>										
Biological Oxygen Demand (5-day)		NA	2.1	NA	NA	NA	NA	NA	NA	NA
Oil & Grease		NA	NA	ND(5.0)	NA	3.9 B	ND(5.0)	4.3 B	3.8 B	ND(5.0)
Total Suspended Solids		9.00	NA	NA	NA	NA	NA	NA	NA	NA

TABLE A-2  
DATA RECEIVED DURING APRIL 2004

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

Parameter	Sample ID: Date Collected:	64G-A5585 04/13/04	64G-A5586 04/13/04	64G-A5600 04/19/04	64T-A5530 03/29/04	64T-A5564 04/05/04	64T-A5577 04/12/04	64T-A5598 04/19/04	A5568RCN 04/06/04	A5568RTM 04/06/04
<b>Volatile Organics</b>										
None Detected		NA	--	NA	NA	NA	NA	NA	NA	NA
<b>PCBs-Unfiltered</b>										
Aroclor-1254		NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260		NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs		NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Semivolatile Organics</b>										
None Detected		--	NA	NA	NA	NA	NA	NA	NA	NA
<b>Inorganics-Unfiltered</b>										
Aluminum		NA	NA	NA	NA	NA	NA	NA	NA	ND(0.100)
Cadmium		NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00100)
Calcium		NA	NA	NA	NA	NA	NA	NA	NA	8.30
Chromium		NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00500)
Copper		NA	NA	NA	NA	NA	NA	NA	NA	0.00330 B
Cyanide		NA	NA	NA	NA	NA	NA	NA	ND(0.0200)	NA
Lead		NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00500)
Magnesium		NA	NA	NA	NA	NA	NA	NA	NA	3.00
Nickel		NA	NA	NA	NA	NA	NA	NA	NA	0.00290 B
Silver		NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00500)
Zinc		NA	NA	NA	NA	NA	NA	NA	NA	0.00660 B
<b>Inorganics-Filtered</b>										
Aluminum		NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Conventionals</b>										
Biological Oxygen Demand (5-day)		NA	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease		NA	NA	ND(5.0)	ND(5.0)	4.9 B	4.8 B	ND(5.0)	NA	NA
Total Suspended Solids		NA	NA	NA	NA	NA	NA	NA	NA	NA



TABLE A-2  
DATA RECEIVED DURING APRIL 2004

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

Sample ID: Date Collected:	A5569CCN 04/06/04	A5569CDM 04/06/04	A5569CTM 04/06/04	APR04WK1 03/30/04	APR04WK3 04/13/04	APR04WK4 04/20/04	SR068-A5525 03/27/04	SR068-A5527 03/27/04
<b>Volatile Organics</b>								
None Detected	NA	NA	NA	NA	NA	NA	NA	NA
<b>PCBs-Unfiltered</b>								
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	0.0016
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	0.00090
Total PCBs	NA	NA	NA	NA	NA	NA	NA	0.0025
<b>Semivolatile Organics</b>								
None Detected	NA	NA	NA	NA	NA	NA	NA	NA
<b>Inorganics-Unfiltered</b>								
Aluminum	NA	NA	ND(0.100)	NA	NA	NA	NA	NA
Cadmium	NA	NA	ND(0.00100)	NA	NA	NA	NA	NA
Calcium	NA	NA	76.0	NA	NA	NA	NA	NA
Chromium	NA	NA	0.00120 B	NA	NA	NA	NA	NA
Copper	NA	NA	0.00640	0.00400 B	0.0190	0.00870	NA	NA
Cyanide	0.0210	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	ND(0.00500)	ND(0.00500)	0.00390 B	ND(0.00500)	NA	NA
Magnesium	NA	NA	33.0	NA	NA	NA	NA	NA
Nickel	NA	NA	0.00250 B	NA	NA	NA	NA	NA
Silver	NA	NA	0.00120 B	NA	NA	NA	NA	NA
Zinc	NA	NA	0.0130 B	0.00960 B	0.0370	0.0140 B	NA	NA
<b>Inorganics-Filtered</b>								
Aluminum	NA	ND(0.100)	NA	NA	NA	NA	NA	NA
Cadmium	NA	0.00190	NA	NA	NA	NA	NA	NA
Chromium	NA	0.00200 B	NA	NA	NA	NA	NA	NA
Copper	NA	0.00780	NA	NA	NA	NA	NA	NA
Lead	NA	ND(0.00500)	NA	NA	NA	NA	NA	NA
Nickel	NA	0.00450 B	NA	NA	NA	NA	NA	NA
Silver	NA	0.00260 B	NA	NA	NA	NA	NA	NA
Zinc	NA	0.0180 B	NA	NA	NA	NA	NA	NA
<b>Conventionals</b>								
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	NA	NA	ND(5.0)	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

1. Samples were collected by General Electric Company, and were submitted to CT&E Environmental Services, Inc. for analysis of volatiles, PCBs, semivolatiles, cyanide, TSS, BOD, oil & grease, and metals (filtered and unfiltered).
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. With the exception of inorganics and conventional parameters only those constituents detected in one or more samples are summarized.
5. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics and Conventional Parameters

- B - Analyte was also detected in the associated method blank.
- J - Indicates an estimated value less than the practical quantitation limit (PQL).

Inorganics

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

**TABLE A-3  
DATA RECEIVED DURING APRIL 2004**

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

Parameter	Sample ID: Date Collected:	001-A5591 04/12/04	007-A5594 04/12/04	YD5-A5596 04/12/04	YD9-A5595 04/12/04	YD12-A5592 04/12/04	YD13-A5593 04/12/04
<b>Inorganics-Unfiltered</b>							
Zinc		0.0280	0.170	0.130	0.0870	0.0470	0.120

Notes:

1. Samples were collected by General Electric Company and submitted to CT&E Environmental Services, Inc. for analysis of zinc.

# ***Attachment B***

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## ***NPDES Discharge Monitoring Reports March 2004***

NAME GENERAL ELECTRIC CORPORATION  
 ADDRESS ATTN: JEFFREY G. RUEBESAM  
 100 WOODLAWN AVENUE  
 PITTSFIELD MA 01201  
 FACILITY GENERAL ELECTRIC COMPANY  
 LOCATION PITTSFIELD MA 01201  
 ATTN: MICHAEL T CARROLL, EHS&F

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

MAJOR (SUBR W )  
 F - FINAL  
 DISCHARGE TO SILVER LAKE

Form Approved  
 OMB No. 2040-0004

MA0003891  
 PERMIT NUMBER

001 1  
 DISCHARGE NUMBER

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
04	03	01		04	03	31

\*\*\* NO DISCHARGE :  \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FH		*****	*****		7.7	*****	8.7	( 12 )		0	01/07 GR
00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	6.0	*****	9.0	SU			WEEKLY RANGE
	PERMIT REQUIREMENT	*****	*****	****	MINIMUM	*****	MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	104.5	104.5	( 26 )	*****	*****	*****			0	01/30 CP
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	104.5	104.5	LBS/DY	*****	*****	*****	****			ONCE / MONTH
OIL & GREASE	SAMPLE MEASUREMENT	*****	4.6	( 26 )	*****	*****	6.9			0	01/30 GR
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	4.6	LBS/DY	*****	*****	15	MG/L			ONCE / MONTH
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	*****	0.001	( 26 )	*****	*****	*****			0	01/30 GR
99516 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	0.001	LBS/DY	*****	*****	*****	****			ONCE / MONTH
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.157	0.446	( 03 )	*****	*****	*****			0	99/99 RC
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	0.157	0.446	MGD	*****	*****	*****	****			ONCE / MONTH
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Michael T. Carroll  
 Mgr. Pittsfield Remediation Prog.  
 TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

*Michael T. Carroll*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 413 494-3500  
 DATE 2004 4 21  
 AREA CODE NUMBER YEAR MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 IMPLI A THE DISCHARGE FROM OIL/WATER SEPERATOR

NAME GENERAL ELECTRIC CORPORATION  
 ADDRESS ATTN: JEFFREY G. RUEBESAM  
 100 WOODLAWN AVENUE  
 PITTSFIELD MA 01201  
 FACILITY GENERAL ELECTRIC COMPANY  
 LOCATION PITTSFIELD MA 01201  
 ATTN: MICHAEL T CARROLL, EHS&F

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

Form Approved  
 OMB No. 2040-0004

MA0003891  
 PERMIT NUMBER

004 1  
 DISCHARGE NUMBER

MAJOR (SUBR W )  
 F - FINAL  
 DISCHARGE TO SILVER LAKE

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
04	03	01		04	03	31

\*\*\* NO DISCHARGE 1  \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH 00400 P O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		7.4	*****	7.8	( 12 )	0	01/DW	GR
	PERMIT REQUIREMENT	*****	*****	***	MINIMUM	*****	MAXIMUM	SU		WEEKLY	RANGE
OIL & GREASE 00556 P O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	5.1	( 26 )	*****	*****	4.7	( 19 )	0	01/30	GR
	PERMIT REQUIREMENT	*****	261	LBS/DY	*****	*****	15	MG/L		ONCE /	GRAB
POLYCHLORINATED BIPHENYLS (PCBS) 39516 P O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	0.00001	( 26 )	*****	*****	*****		0	01/90	GR
	PERMIT REQUIREMENT	*****	REPORT	LBS/DY	*****	*****	*****	****		WEEKLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 P O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.004	0.048	( 03 )	*****	*****	*****		0	99/99	RC
	PERMIT REQUIREMENT	0.004	2.09	MGD	*****	*****	*****	****		ONCE /	RCORD
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	TELEPHONE  413 494-3500	DATE			
			2004	4	21	
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  <i>Michael T. Carroll</i>	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 SAMPLE IN PLANT MANHOLE STATION ON 004.

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

NAME GENERAL ELECTRIC CORPORATION  
ADDRESS ATTN: JEFFREY G. RUEBESAM  
100 WOODLAWN AVENUE  
PITTSFIELD MA 01201  
FACILITY GENERAL ELECTRIC COMPANY  
LOCATION PITTSFIELD MA 01201  
ATTN: MICHAEL T CARROLL, EHS&F

MA0003891  
PERMIT NUMBER

005 I  
DISCHARGE NUMBER

MAJOR (SUBR W )  
F - FINAL  
WATERS TO HOUSATONIC RIVER

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
04	03	01		04	03	31

\*\*\* NO DISCHARGE  \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
000, 5-DAY (20 DEG. C)	0	0	( 26)	*****	*****	*****		0	01/30	CP	
00310 T O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	MO AVG	DAILY MX	LBS/DY	*****	*****	*****	****	INCE/ MONTH	LUMPOS	
00530 T O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	MO AVG	DAILY MX	LBS/DY	*****	*****	*****	****	INCE/ MONTH	LUMPOS	
00556 T O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	MO AVG	DAILY MX	LBS/DY	*****	*****	1,2	MG/L	01/07	GR	
00556 T O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	MO AVG	DAILY MX	LBS/DY	*****	*****	DAILY MX	MG/L	WEEKLY GRAB		
03916 T O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	MO AVG	DAILY MX	LBS/DY	*****	*****	*****	****	WEEKLY COMPO		
05050 T O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	MO AVG	DAILY MX	MGD	*****	*****	*****	****	CONT RECORDS	RC	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
Michael T. Carroll  
Mgr. Pittsfield Remediation Prog.  
TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

*Michael T. Carroll*  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 413 494-3500  
DATE 2004 4 21  
AREA CODE NUMBER YEAR MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
SEE PAGE 8 + 9 OF PERMIT FOR SAMPLING REQUIREMENTS SEE DMR(S) 064G + 064T FOR FURTHER PARAMETERS

NAME GENERAL ELECTRIC CORPORATION  
 ADDRESS ATTN: JEFFREY G. RUEBESAM  
 100 WOODLAWN AVENUE  
 PITTSFIELD MA 01201  
 FACILITY GENERAL ELECTRIC COMPANY  
 LOCATION PITTSFIELD MA 01201  
 ATTN: MICHAEL T CARROLL, EHS&F

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

MA0003891  
 PERMIT NUMBER

064 G  
 DISCHARGE NUMBER

MAJOR (SUBR W)  
 F - FINAL  
 GROUNDWATER TREATMENT (005)

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
04	03	01		04	03	31

\*\*\* NO DISCHARGE 1 1 \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
PH	SAMPLE MEASUREMENT	*****	*****		7.3	*****	7.6	( 12 )	0	99/99	RCDR	
00400 T O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	5.0	*****	9.0	SU		WEEKLY	RANG-C	
BASE NEUTRALS & ACID (METHOD 625), TOTAL	SAMPLE MEASUREMENT	*****	*****		*****	0	0	( 19 )	0	01/90	GR	
76030 T O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT MG AVG	REPORT DAILY MX	MG/L		DAILY	GRAB	
VOLATILE COMPOUNDS, (GC/MS)	SAMPLE MEASUREMENT	*****	*****		*****	0	0	( 19 )	0	01/90	GR	
78732 T O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT MG AVG	REPORT DAILY MX	MG/L		DAILY	GRAB	
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	<i>Michael T. Carroll</i>							413 494-3500		2004	4	21
TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 SEE COMMENTS FOR 0051 SEE PAGE 8 + 9 OF PERMIT

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

NAME GENERAL ELECTRIC CORPORATION  
ADDRESS ATTN: JEFFREY G. RUEBESAM  
100 WOODLAWN AVENUE  
PITTSFIELD MA 01201  
FACILITY GENERAL ELECTRIC COMPANY  
LOCATION PITTSFIELD MA 01201  
ATTN: MICHAEL T CARROLL, EHS&F

MA0003891  
PERMIT NUMBER

064 T  
DISCHARGE NUMBER

MAJOR (SUBR W )  
F - FINAL  
WASTEWATER TREATMENT (005)

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
04	03	01	04	03	31

\*\*\* NO DISCHARGE 1 1 \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	*****	*****		7.1	*****	8.3	( 12 )	0	99/99	RCDR
00400 T O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	6.0	*****	9.0	SU		WEEKLY	RANG--D
DIBENZOFURAN	SAMPLE MEASUREMENT	*****	*****		*****	NODI [6]	NODI [6]	( 22 )			
81302 T O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	PPT		ONCE / MONTH	ONCE / MONTH
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
Michael T. Carroll  
Mgr. Pittsfield Remediation Prog.  
TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

*Michael T. Carroll*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

413 494-3500

AREA CODE

NUMBER

DATE

2004 4 21

YEAR MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
SEE COMMENTS FOR 0051 SEE PAGE 8 + 9 OF PERMIT



NAME GENERAL ELECTRIC CORPORATION  
 ADDRESS ATTN: JEFFREY G. RUEBESAM  
 100 WOODLAWN AVENUE  
 PITTSFIELD MA 01201  
 FACILITY GENERAL ELECTRIC COMPANY  
 LOCATION PITTSFIELD MA 01201  
 ATTN: MICHAEL T CARROLL, EHS&F

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

MA0003891  
 PERMIT NUMBER

007 1  
 DISCHARGE NUMBER

MAJOR (SUBR W )  
 F - FINAL  
 DISCHARGE TO HOUSATONIC RIVER

Form Approved.  
 OMB No. 2040-0004

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
04	03	01	04	03	31

\*\*\* NO DISCHARGE 1 1 \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TEMPERATURE, WATER DEG. FAHRENHEIT 00011 W O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		*****	37	37	( 15 ) DEG.F	0	01/30	GR
	PERMIT REQUIREMENT	*****	*****	****	*****	NO AVG	DAILY MX	DEG.F		ONCE / MONTH	GRAB
PH 00400 W O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		6.6		8.0	( 12 ) SU	0	01/07	GR
	PERMIT REQUIREMENT	*****	*****	****	5.0 MINIMUM		9.0 MAXIMUM	SU		WEEKLY RANGE	CA
POLYCHLORINATED BIPHENYLS (PCBS) 39516 W O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		*****	0.1	0.1	( 21 ) PPB	0	01/90	GR
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT NO AVG	REPORT DAILY MX	PPB		WEEKLY GRAB	CA
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 W O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.011	0.072	( 03 ) MGD	*****	*****	*****		0	24/30	CA
	PERMIT REQUIREMENT	REPORT NO AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		ONCE / MONTH	CALCULATED
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Michael T. Carroll  
 Mgr. Pittsfield Remediation Prog.  
 TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

*Michael T. Carroll*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 413 494-3500  
 DATE 2004 4 21  
 AREA CODE NUMBER YEAR MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here.)  
 SAMPLE AT MANHOLE PRIOR TO CITY STORM DRAIN.

NAME GENERAL ELECTRIC CORPORATION  
 ADDRESS ATTN: JEFFREY G. RUEBESAM  
 100 WOODLAWN AVENUE  
 PITTSFIELD MA 01201  
 FACILITY GENERAL ELECTRIC COMPANY  
 LOCATION PITTSFIELD MA 01201  
 ATTN: MICHAEL T CARROLL, EHS&F

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

MA0003891  
 PERMIT NUMBER

0091  
 DISCHARGE NUMBER

MAJOR (SUBR W )  
 F - FINAL  
 PROCESSES TO UNKAMET BROOK

MONITORING PERIOD  
 FROM 04 03 01 TO 04 03 31

\*\*\* NO DISCHARGE 1 1 \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG. C) 00310 V O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.00003	0.0001	( 26 ) LBS/DY	*****	*****	*****	*****	0	01/07	CP
	PERMIT REQUIREMENT	06 MD AVG	438 DAILY MX	LBS/DY	*****	*****	*****	*****			WEEKLY COMPOD
PH 00400 V O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****	( 12 ) SU	6.5	*****	7.6	*****	0	01/07	GR
	PERMIT REQUIREMENT	*****	*****	*****	5.0 MINIMUM	*****	9.0 MAXIMUM	*****			WEEKLY RANG-C
SOLIDS, TOTAL SUSPENDED 00530 V O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	6.4	21.4	( 26 ) LBS/DY	*****	*****	*****	*****	0	01/07	CP
	PERMIT REQUIREMENT	213 MD AVG	876 DAILY MX	LBS/DY	*****	*****	*****	*****			WEEKLY COMPOD
OIL & GREASE 00356 V O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	1.8	( 26 ) LBS/DY	*****	*****	3.8	( 19 ) MG/L	0	01/07	GR
	PERMIT REQUIREMENT	*****	438 DAILY MX	LBS/DY	*****	*****	15 DAILY MX	MG/L			WEEKLY GRAB
POLYCHLORINATED BIPHENYLS (PCBS) 39516 V O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****	( 19 ) MG/L	*****	0.0002	0.0002	*****	0	01/90	GR
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MD AVG	REPORT DAILY MX	MG/L			STRLY GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 V O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.015	0.256	( 03 ) MGD	*****	*****	*****	*****	0	99/99	RC
	PERMIT REQUIREMENT	REPORT MD AVG	REPORT DAILY MX	MGD	*****	*****	*****	*****			CONT IN RECORDS UBUS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Michael T. Carroll  
 Mgr. Pittsfield Remediation Prog.  
 TYPED OR PRINTED

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Michael T. Carroll  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 413 494-3500  
 DATE 2004 4 21  
 AREA CODE NUMBER YEAR MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):  
 SEE PAGE 11 OF PERMIT. SEE DMRS 009A + 009B. REPORT SUM OF LOAD 09A + 09B, FOR BOD, TSS, FLOW SAMPLE AT DISCHARGE POINT TO BROOK FOR PH, OIL & GREASE, AND PCB.

NAME GENERAL ELECTRIC CORPORATION  
 ADDRESS ATTN: JEFFREY G. RUEBESAM  
 100 WOODLAWN AVENUE  
 PITTSFIELD MA 01201  
 FACILITY GENERAL ELECTRIC COMPANY  
 LOCATION PITTSFIELD MA 01201  
 ATTN: MICHAEL T CARROLL, EHS&F

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

MAJOR (SUBR W )  
 F - FINAL  
 09A SAMPLE POINT BEFORE 009

Form Approved  
 OMB No. 2040-0004

MA0003891

009 A

PERMIT NUMBER

DISCHARGE NUMBER

MONITORING PERIOD

YEAR	MO	DAY	TO	YEAR	MO	DAY
04	03	01		04	03	31

\*\*\* NO DISCHARGE ( ) \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG. C) 00310 V 0 0 SEE COMMENTS BELOW		0.00003	0.0001	( 26 ) LBS/DY	*****	*****	*****	****	0	01/07	CP
	PERMIT REQUIREMENT	MD AVG	DAILY MX	LBS/DY	*****	*****	*****	****			
SOLIDS, TOTAL SUSPENDED 00530 V 0 0 SEE COMMENTS BELOW		0.2	0.7	( 26 ) LBS/DY	*****	*****	*****	****	0	01/DW	CP
	PERMIT REQUIREMENT	MD AVG	DAILY MX	LBS/DY	*****	*****	*****	****			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 V 0 0 SEE COMMENTS BELOW		0.001	0.010	( 03 ) MGD	*****	*****	*****	****	0	99/99	RC
	PERMIT REQUIREMENT	REPORT MD AVG	REPORT DAILY MX	MGD	*****	*****	*****	****			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Michael T. Carroll  
 Mgr. Pittsfield Remediation Prog.  
 TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

*Michael T. Carroll*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 13 494-3500  
 DATE 2004 4 21  
 AREA CODE NUMBER YEAR MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 SEE PAGE 11 OF PERMIT. SEE DMR 0091. SAMPLE AT 09A.

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

NAME GENERAL ELECTRIC CORPORATION  
ADDRESS ATTN: JEFFREY G. RUEBESAM  
100 WOODLAWN AVENUE  
PITTSFIELD MA 01201  
FACILITY GENERAL ELECTRIC COMPANY  
LOCATION PITTSFIELD MA 01201  
ATTN: MICHAEL T CARROLL, EHS&F

MA0003891  
PERMIT NUMBER

009 B  
DISCHARGE NUMBER

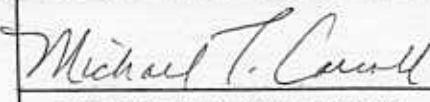
MAJOR (SUBR W )  
F - FINAL  
09B SAMPLE POINT PRIOR TO 009

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
04	03	01		04	03	31

\*\*\* NO DISCHARGE 1 [ ] \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG. C) 00310 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0	0	( 26 )	*****	*****	*****		0	01/07	CP
	PERMIT REQUIREMENT	06 MD AVG	438 DAILY MX	LBS/DY	*****	*****	*****	****			WEEKLY COMPOS
SOLIDS, TOTAL SUSPENDED 00530 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	6.2	21.4	( 26 )	*****	*****	*****		0	01/07	CP
	PERMIT REQUIREMENT	213 MD AVG	876 DAILY MX	LBS/DY	*****	*****	*****	****			WEEKLY COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.015	0.256	( 03 )	*****	*****	*****		0	99/99	RC
	PERMIT REQUIREMENT	REPORT MD AVG	REPORT DAILY MX	MGD	*****	*****	*****	****			CONTINUOUS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	TELEPHONE	DATE
Michael T. Carroll Mgr. Pittsfield Remediation Prog.		413 494-3500	2004 4 21
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE NUMBER	YEAR MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
SEE PAGE 11 OF PERMIT SEE DMR 0091; SAMPLE AT 09B

NAME GENERAL ELECTRIC CORPORATION  
 ADDRESS ATTN: JEFFREY G. RUEBESAM  
 100 WOODLAWN AVENUE  
 PITTSFIELD MA 01201  
 FACILITY GENERAL ELECTRIC COMPANY  
 LOCATION PITTSFIELD MA 01201  
 ATTN: MICHAEL T CARROLL, EHS&F

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

MAJOR (SUBR W )  
 F - FINAL  
 METALS: 001, 004, 005, 007, 009, 011

Form Approved.  
 OMB No. 2040-0004

MA0003891  
 PERMIT NUMBER

SUM A  
 DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
04	03	01	04	03	31

\*\*\* NO DISCHARGE 1\_\_1 \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	0.1	( 26 ) LBS/DY	*****	*****	*****		0	01/30	CP
	PERMIT REQUIREMENT	*****	REPORT DAILY MX	LBS/DY	*****	*****	*****	****		ONCE / MONTH	COMPOSITE
NICKEL TOTAL RECOVERABLE 01074 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	0.003	( 26 ) LBS/DY	*****	*****	*****		0	01/30	CP
	PERMIT REQUIREMENT	*****	REPORT DAILY MX	LBS/DY	*****	*****	*****	****		ONCE / MONTH	COMPOSITE
SILVER TOTAL RECOVERABLE 01079 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	0.004	( 26 ) LBS/DY	*****	*****	*****		0	01/30	CP
	PERMIT REQUIREMENT	*****	REPORT DAILY MX	LBS/DY	*****	*****	*****	****		ONCE / MONTH	COMPOSITE
ZINC TOTAL RECOVERABLE 01094 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	0.3	( 26 ) LBS/DY	*****	*****	*****		0	01/07	CP
	PERMIT REQUIREMENT	*****	REPORT DAILY MX	LBS/DY	*****	*****	*****	****		WEEKLY	COMPOSITE
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	0.1	( 26 ) LBS/DY	*****	*****	*****		0	01/30	CP
	PERMIT REQUIREMENT	*****	REPORT DAILY MX	LBS/DY	*****	*****	*****	****		ONCE / MONTH	COMPOSITE
CADMIUM TOTAL RECOVERABLE 01113 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	0	( 26 ) LBS/DY	*****	*****	*****		0	01/30	CP
	PERMIT REQUIREMENT	*****	REPORT DAILY MX	LBS/DY	*****	*****	*****	****		ONCE / MONTH	COMPOSITE
LEAD TOTAL RECOVERABLE 01114 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	0.04	( 26 ) LBS/DY	*****	*****	*****		0	01/07	CP
	PERMIT REQUIREMENT	*****	REPORT DAILY MX	LBS/DY	*****	*****	*****	****		WEEKLY	COMPOSITE

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Michael T. Carroll  
 Mgr. Pittsfield Remediation Prog.  
 TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

*Michael T. Carroll*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413 494-3500		2004	4	21
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 COMPOSITE PROPORTIONATE TO FLOW.

NAME GENERAL ELECTRIC CORPORATION  
 ADDRESS ATTN: JEFFREY G. RUEBESAM  
 100 WOODLAWN AVENUE  
 PITTSFIELD MA 01201  
 FACILITY GENERAL ELECTRIC COMPANY  
 LOCATION PITTSFIELD MA 01201  
 ATTN: MICHAEL T CARROLL, EHS&F

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

MA0003891  
 PERMIT NUMBER

SUM A  
 DISCHARGE NUMBER

MAJOR (SUBR W )  
 F - FINAL  
 METALS: 001, 004, 005, 007, 009, 011

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
04	03	01		04	03	31

\*\*\* NO DISCHARGE  \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
CHROMIUM TOTAL RECOVERABLE 01118 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	0.003	( 26 ) LBS/DY	*****	*****	*****		0	01/30	CP
	PERMIT REQUIREMENT	*****	REPORT DAILY MX	LBS/DY	*****	*****	*****	****		ONCE / MONTH	COMPLI
COPPER TOTAL RECOVERABLE 01119 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	0.09	( 26 ) LBS/DY	*****	*****	*****		0	01/07	CP
	PERMIT REQUIREMENT	*****	REPORT DAILY MX	LBS/DY	*****	*****	*****	****		WEEKLY	COMPLI
CYANIDE, TOTAL RECOVERABLE 78248 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	0.04	( 26 ) LBS/DY	*****	*****	*****		0	01/30	CP
	PERMIT REQUIREMENT	*****	REPORT DAILY MX	LBS/DY	*****	*****	*****	****		ONCE / MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Michael T. Carroll  
 Mgr. Pittsfield Remediation Prog.  
 TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

*Michael T. Carroll*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413 494-3500		2004	4	21
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 COMPOSITE PROPORTIONATE TO FLOW.

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

NAME GENERAL ELECTRIC CORPORATION  
 ADDRESS ATTN: JEFFREY G. RUEBESAM  
 100 WOODLAWN AVENUE  
 PITTSFIELD MA 01201  
 FACILITY GENERAL ELECTRIC COMPANY  
 LOCATION PITTSFIELD MA 01201  
 ATTN: MICHAEL T CARROLL, EHS&F

MA0003891  
 PERMIT NUMBER

SUM B  
 DISCHARGE NUMBER

MAJOR (SUBR W )  
 F - FINAL  
 TOXICS: 001, 004, 005, 007, 009, 011

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
04	03	01		04	03	31

\*\*\* NO DISCHARGE  \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
NOAEL STATE 48HR AC U D. PULEX TDM3D 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		100	*****	*****	( 23 )	0	01/30	CP
	PERMIT REQUIREMENT	*****	*****	***	35	*****	*****	% PER-CENT		ONCE / MONTH	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Michael T. Carroll  
 Mgr. Pittsfield Remediation Prog.  
 TYPED OR PRINTED

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*Michael T. Carroll*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 413 494-3500  
 DATE 2004 4 21  
 AREA CODE NUMBER YEAR MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 MONTHLY DRY WEATHER TESTING. COMPOSITE PROPORTIONATE TO FLOW. FOR JULY, AUG., SEPT. REPORT ACUTE AND CHRONIC. SEE DMR SUMC FOR QUARTERLY WET WEATHER ACUTE. SUBMIT THIS DMR WITH A NODI '9' WHEN SUBMITTING WET WEATHER RESULTS ON DMR SUMC.

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

NAME GENERAL ELECTRIC CORPORATION  
ADDRESS ATTN: JEFFREY G. RUEBESAM  
100 WOODLAWN AVENUE  
PITTSFIELD MA 01201  
FACILITY GENERAL ELECTRIC COMPANY  
LOCATION PITTSFIELD MA 01201  
ATTN: MICHAEL T CARROLL, EHS&F

MAJOR (SUBR W )  
F - FINAL  
NON PROCESS/STORMWATER BYPASS

MA0003891  
PERMIT NUMBER

001 A  
DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
04	01	01	04	03	31

\*\*\* NO DISCHARGE 1 1 \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH 00400 S O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		7.4	*****	7.4	( 12 ) SU	0	01/90	GR
	PERMIT REQUIREMENT	*****	*****	*** ****	MINIMUM	*****	MAXIMUM	SU			
DIL & GREASE 00556 S O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	( 20 ) PPM	0	01/90	GR
	PERMIT REQUIREMENT	*****	*****	*** ****	*****	*****	15 DAILY MX	PPM			
POLYCHLORINATED BIPHENYLS (PCBS) 09516 S O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		*****	*****	2.4	( 21 ) PPB	0	01/90	GR
	PERMIT REQUIREMENT	*****	*****	*** ****	*****	*****	REPORT DAILY MX	PPB			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 00050 S O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	0.216	( 03 ) MGD	*****	*****	*****		0	01/90	ES
	PERMIT REQUIREMENT	*****	REPORT DAILY MX	MGD	*****	*****	*****	**** ****			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  Michael T. Carroll Mgr. Pittsfield Remediation Prog.  TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	TELEPHONE  413 494-3500	DATE			
			2004	4	21	
	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  <i>Michael T. Carroll</i>	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
QUARTERLY. SAMPLE AT POINT OF DISCHARGE.



NAME GENERAL ELECTRIC CORPORATION  
 ADDRESS ATTN: JEFFREY G. RUEBESAM  
 100 WOODLAWN AVENUE  
 PITTSFIELD MA 01201  
 FACILITY GENERAL ELECTRIC COMPANY  
 LOCATION PITTSFIELD MA 01201  
 ATTN: MICHAEL T CARROLL, EHS&F

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

Form Approved  
 OMB No. 2040-0004

MA0003891  
 PERMIT NUMBER

005 A  
 DISCHARGE NUMBER

MAJOR (SUBR W )  
 F - FINAL  
 NON PROCESS/STORMWATER BYPASS

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
04	01	01		04	03	31

\*\*\* NO DISCHARGE 1 1 \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH 00400 S O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		7.5	*****	7.5	( 12 )	0	01/90	GR
	PERMIT REQUIREMENT	*****	*****	***	6.0	*****	9.0	SU			
PH 00400 U O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		NODIC	*****	NODIC	( 12 )			
	PERMIT REQUIREMENT	*****	*****	***	6.0	*****	9.0	SU			
OIL & GREASE 00556 S O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		*****	*****	1.8	( 20 )	0	01/90	GR
	PERMIT REQUIREMENT	*****	*****	***	*****	*****	15	PPM			
OIL & GREASE 00556 U O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODIC	( 20 )			
	PERMIT REQUIREMENT	*****	*****	***	*****	*****	15	PPM			
POLYCHLORINATED BIPHENYLS (PCBS) 39516 S O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		*****	*****	1.7	( 21 )	0	01/90	GR
	PERMIT REQUIREMENT	*****	*****	***	*****	*****	REPORT	PPB			
POLYCHLORINATED BIPHENYLS (PCBS) 39516 U O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODIC	( 21 )			
	PERMIT REQUIREMENT	*****	*****	***	*****	*****	REPORT	PPB			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 S O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	0.01	( 03 )	*****	*****	*****		0	01/90	ES
	PERMIT REQUIREMENT	*****	REPORT	MGD	*****	*****	*****	*****			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  Michael T. Carroll Mgr. Pittsfield Remediation Prog. TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	TELEPHONE  413 494-3500	DATE		
			AREA CODE	NUMBER	YEAR
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  <i>Michael T. Carroll</i>					21

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 QUARTERLY. SAMPLE AT POINT OF DISCHARGE. SEE PAGES 16-17 FOR WET WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'S'. SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'U'. IF NO DISCHARGE USE '9'

NAME GENERAL ELECTRIC CORPORATION

ADDRESS ATTN: JEFFREY G. RUEBESAM

100 WOODLAWN AVENUE

PITTSFIELD

MA 01201

FACILITY GENERAL ELECTRIC COMPANY

LOCATION PITTSFIELD

MA 01201

ATTN: MICHAEL T CARROLL, EHS&F

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

MA0003891 PERMIT NUMBER

005 A DISCHARGE NUMBER

MAJOR (SUBR W)

F - FINAL

NON PROCESS/STORMWATER BYPASS

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
04	01	01		04	03	31

\*\*\* NO DISCHARGE 1 1 \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 U O O SEE COMMENTS BELOW	*****	NODI [C]	( 03)		*****	*****	*****				
	PERMIT REQUIREMENT	*****	REPORT DAILY MAX	MGD	*****	*****	*****	****		DIRTY ESTIM	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
Michael T. Carroll  
Mgr. Pittsfield Remediation Prog.  
TYPED OR PRINTED

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Michael T. Carroll  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 413 494-3500  
DATE 2004 4 21  
AREA CODE NUMBER YEAR MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
QUARTERLY. SAMPLE AT POINT OF DISCHARGE. SEE PAGES 16-17 FOR WET WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'S'. SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'U'. IF NO DISCHARGE USE '9'.

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

NAME GENERAL ELECTRIC CORPORATION  
 ADDRESS ATTN: JEFFREY G. RUEBESAM  
 100 WOODLAWN AVENUE  
 PITTSFIELD MA 01201  
 FACILITY GENERAL ELECTRIC COMPANY  
 LOCATION PITTSFIELD MA 01201  
 ATTN: MICHAEL T CARROLL, EHS&F

MA0003891  
 PERMIT NUMBER

005 B  
 DISCHARGE NUMBER

MAJOR (SUBR W )  
 F - FINAL  
 NON PROCESS/STORMWATER BYPASS

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
04	01	01		04	03	31

\*\*\* NO DISCHARGE 1 1 \*\*\*

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PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH 00400 S O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		7.6	*****	7.6	( 12 )	0	01/90	GR
	PERMIT REQUIREMENT	*****	*****	***	MINIMUM	*****	MAXIMUM	SU			
OIL & GREASE 00556 S O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		*****	*****	3.0	( 20 )	0	01/90	GR
	PERMIT REQUIREMENT	*****	*****	***	*****	*****	15	DAILY MX	PPM		
POLYCHLORINATED BIPHENYLS (PCBS) 29516 S O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		*****	*****	11.3	( 21 )	0	01/90	GR
	PERMIT REQUIREMENT	*****	*****	***	*****	*****	REPORT	DAILY MX	PPB		
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 S O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	1.008	( 03 )	*****	*****	*****		0	01/90	ES
	PERMIT REQUIREMENT	*****	REPORT	MGD	*****	*****	*****	*****	****		
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Michael T. Carroll  
 Mgr. Pittsfield Remediation Prog.  
 TYPED OR PRINTED

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*Michael T. Carroll*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 413 494-3500  
 DATE 2004 4 21  
 AREA CODE NUMBER YEAR MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 QUARTERLY. SAMPLE AT POINT OF DISCHARGE.

NAME GENERAL ELECTRIC CORPORATION  
 ADDRESS ATTN: JEFFREY G. RUEBESAM  
 100 WOODLAWN AVENUE  
 PITTSFIELD MA 01201  
 FACILITY GENERAL ELECTRIC COMPANY  
 LOCATION PITTSFIELD MA 01201  
 ATTN: MICHAEL T CARROLL, EHS&F

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

MAJOR (SUBR W )  
 F - FINAL  
 NON PROCESS/STORMWATER BYPASS

Form Approved.  
 OMB No. 2040-0004

MA0003891  
 PERMIT NUMBER

006 I  
 DISCHARGE NUMBER

MONITORING PERIOD						
YEAR	MO	DAY	YEAR	MO	DAY	
04	01	01	04	03	31	FROM TO

\*\*\* NO DISCHARGE 1 1 \*\*\*

NOTE: Read instructions before completing this form

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	00400 S 0 0 SEE COMMENTS BELOW	*****	*****	***	7.4	*****	7.4	( 12 ) SU	0	01/90	GR
PH	00400 U 0 0 SEE COMMENTS BELOW	*****	*****	***	NODI [C]	*****	NODI [C]	( 12 ) SU			
OIL & GREASE	00556 S 0 0 SEE COMMENTS BELOW	*****	*****	***	*****	*****	4.6	( 20 ) PPM	0	01/90	GR
OIL & GREASE	00556 U 0 0 SEE COMMENTS BELOW	*****	*****	***	*****	*****	NODI [C]	( 20 ) PPM			
POLYCHLORINATED BIPHENYLS (PCBS)	39516 S 0 0 SEE COMMENTS BELOW	*****	*****	***	*****	*****	7.20	( 21 ) PPB	0	01/90	GR
POLYCHLORINATED BIPHENYLS (PCBS)	39516 U 0 0 SEE COMMENTS BELOW	*****	*****	***	*****	*****	NODI [C]	( 21 ) PPB			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	50050 S 0 0 SEE COMMENTS BELOW	*****	0.001	( 03 ) MGD	*****	*****	*****	*****	0	01/90	ES

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Michael T. Carroll  
 Mgr. Pittsfield Remediation Prog.  
 TYPED OR PRINTED

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*Michael T. Carroll*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	494-3500	2004	4	21
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 QUARTERLY. SAMPLE AT POINT OF DISCHARGE. SEE PAGES 16-17 FOR WET WEATHER REQUIREMENTS. FOR LIMITS WITH MONITORING LOCATION OF 'S'. SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'U'. IF NO DISCHARGE USE 'S'

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

NAME GENERAL ELECTRIC CORPORATION  
ADDRESS ATTN: JEFFREY G. RUEBESAM  
100 WOODLAWN AVENUE  
PITTSFIELD MA 01201  
FACILITY GENERAL ELECTRIC COMPANY  
LOCATION PITTSFIELD MA 01201  
ATTN: MICHAEL T CARROLL, EHS&F

MA0003871  
PERMIT NUMBER

006 1  
DISCHARGE NUMBER

MAJOR (SUBR W )  
F - FINAL  
NON PROCESS/STORMWATER BYPASS

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
04	01	01	04	03	31

\*\*\* NO DISCHARGE 1 1 \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 U O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	NODIC	( 03)	*****	*****	*****				
	PERMIT REQUIREMENT	*****	REPORT DAILY MX	MGD	*****	*****	*****	****		DIRTY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
Michael T. Carroll  
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TYPED OR PRINTED

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*Michael T. Carroll*  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 413 494-3500  
DATE 2004 4 21  
AREA CODE NUMBER YEAR MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
QUARTERLY. SAMPLE AT POINT OF DISCHARGE. SEE PAGES 16-17 FOR WET WEATHER REQUIREMENTS. FOR LIMITS WITH MONITORING LOCATION OF 'S'. SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'U'. IF NO DISCHARGE USE '9'

NAME GENERAL ELECTRIC CORPORATION  
 ADDRESS ATTN: JEFFREY G. RUEBESAM  
 100 WOODLAWN AVENUE  
 PITTSFIELD MA 01201  
 FACILITY GENERAL ELECTRIC COMPANY  
 LOCATION PITTSFIELD MA 01201  
 ATTN: MICHAEL T CARROLL, EHS&F

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

MAJOR (SUBR W )  
 F - FINAL  
 NON PROCESS/STORMWATER BYPASS

MA0003891  
 PERMIT NUMBER

006 A  
 DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
04	01	01	04	03	31

\*\*\* NO DISCHARGE 1 1 \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	*****	*****		NODIC	*****	NODIC	( 12 )			
00400 S O O SEE COMMENTS BELOW DIL & GREASE	PERMIT REQUIREMENT	*****	*****	***	MINIMUM	*****	MAXIMUM	SU			
00556 S O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODIC	( 20 )			
00556 S O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	*****	DAILY MX	PPM			
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODIC	( 21 )			
09516 S O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	*****	REPORT DAILY MX	PPB			
FLOW: IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	*****	NODIC	( 03 )	*****	*****	*****	*****			
50050 S O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	REPORT DAILY MX	MGD	*****	*****	*****	*****			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Michael T. Carroll  
 Mgr. Pittsfield Remediation Prog.  
 TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Michael T. Carroll  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	494-3500	2004	4	21
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 QUARTERLY. SAMPLE AT POINT OF DISCHARGE.

NAME GENERAL ELECTRIC CORPORATION  
 ADDRESS ATTN: JEFFREY G. RUEBESAM  
 100 WOODLAWN AVENUE  
 PITTSFIELD MA 01201  
 FACILITY GENERAL ELECTRIC COMPANY  
 LOCATION PITTSFIELD MA 01201  
 ATTN: MICHAEL T CARROLL, EHS&F

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

MAJOR (SUBR W )  
 F - FINAL  
 NON PROCESS/STORMWATER BYPASS

Form Approved.  
 OMB No. 2040-0004

MA0003891  
 PERMIT NUMBER

009 D  
 DISCHARGE NUMBER

MONITORING PERIOD  
 FROM 04 01 01 TO 04 03 31

\*\*\* NO DISCHARGE [ ] \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	*****	*****		NODI [E]	*****	NODI [E]	( 12 )			
00400 S O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	MINIMUM	*****	MAXIMUM	SU			
DIL & GREASE	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODI [E]	( 20 )			
00556 S O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	*****	15 DAILY MX	PPM			
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODI [E]	( 21 )			
39516 S O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	***	*****	*****	REPORT DAILY MX	PPB			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	*****	NODI [E]	( 03 )	*****	*****	*****				
50050 S O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	REPORT DAILY MX	MGD	*****	*****	*****	****			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
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 Mgr. Pittsfield Remediation Prog.  
 TYPED OR PRINTED

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Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 413 494-3500  
 DATE 2004 4 21  
 AREA CODE NUMBER YEAR MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 QUARTERLY. SAMPLE AT POINT OF DISCHARGE.

NAME GENERAL ELECTRIC COMPANY

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

Form Approved. OMB No. 2040-0004

ADDRESS ATTN: JEFFREY G. RUEBESAM  
100 WOODLAWN AVENUE  
PITTSFIELD MA 01201

MA0003891  
PERMIT NUMBER

SRD 1  
DISCHARGE NUMBER

MAJOR (SUBR W )  
F - FINAL  
NON PROCESS/STORMWATER BYPASS

FACILITY GENERAL ELECTRIC COMPANY  
LOCATION PITTSFIELD MA 01201  
ATTN: MICHAEL T CARROLL, EHS&F

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
04	01	01	04	03	31

\*\*\* NO DISCHARGE 1 1 \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH		*****	*****		NODI [E]	*****	NODI [E]	( 12 )			
00400 S O O SEE COMMENTS BELOW		*****	*****	***	6.0 MINIMUM	*****	9.0 MAXIMUM	SU			DAILY RANGE
OIL & GREASE		*****	*****		*****	*****	NODI [E]	( 20 )			
00556 S O O SEE COMMENTS BELOW		*****	*****	***	*****	*****	15 DAILY MX	PPM			DAILY GRAB
POLYCHLORINATED BIPHENYLS (PCBS)		*****	*****		*****	*****	NODI [E]	( 21 )			
39516 S O O SEE COMMENTS BELOW		*****	*****	***	*****	*****	REPORT DAILY MX	PPB			DAILY GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT		*****	NODI [E]	( 03 )	*****	*****	*****	*****			
00050 S O O SEE COMMENTS BELOW		*****	REPORT DAILY MX	MGD	*****	*****	*****	*** ****			DAILY ESTIMATE

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
Michael T. Carroll  
Mgr. Pittsfield Remediation Prog.  
TYPED OR PRINTED

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*M.T. Carroll*  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 413 494-3500  
DATE 2004 4 21  
AREA CODE NUMBER YEAR MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
SAMPLE AT POINT OF DISCHARGE.



NAME GENERAL ELECTRIC CORPORATION  
 ADDRESS ATTN: JEFFREY G. RUEBESAM  
 100 WOODLAWN AVENUE  
 PITTSFIELD MA 01201  
 FACILITY GENERAL ELECTRIC COMPANY  
 LOCATION PITTSFIELD MA 01201  
 ATTN: MICHAEL T CARROLL, EHS&F

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

Form Approved.  
 OMB No. 2040-0004

MA0003891  
 PERMIT NUMBER

SRD 2  
 DISCHARGE NUMBER

MAJOR (SUBR W)  
 F - FINAL  
 NON PROCESS/STORMWATER BYPASS

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
04	01	01		04	03	31

\*\*\* NO DISCHARGE 1  \*\*\*

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PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH 00400 S O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		NODI [E]	*****	NODI [E]	( 12 )			
	PERMIT REQUIREMENT	*****	*****	***	MINIMUM	*****	MAXIMUM	SU			
OIL & GREASE 00556 S O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODI [E]	( 20 )			
	PERMIT REQUIREMENT	*****	*****	***	*****	*****	DAILY-MX	PPM			
POLYCHLORINATED BIPHENYLS (PCBS) 09516 S O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODI [E]	( 21 )			
	PERMIT REQUIREMENT	*****	*****	***	*****	*****	REPORT DAILY-MX	PPB			
FLOW IN CONDUIT OR THRU TREATMENT PLANT 00050 S O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	NODI [E]	( 03 )	*****	*****	*****				
	PERMIT REQUIREMENT	*****	REPORT DAILY-MX	MGD	*****	*****	*****	****			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Michael T. Carroll  
 Mgr. Pittsfield Remediation Prog.  
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*Michael T. Carroll*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413 494-3500		2004	4	21
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 SAMPLE AT POINT OF DISCHARGE.

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

NAME GENERAL ELECTRIC CORPORATION  
 ADDRESS ATTN: JEFFREY G. RUEBESAM  
 100 WOODLAWN AVENUE  
 PITTSFIELD MA 01201  
 FACILITY GENERAL ELECTRIC COMPANY  
 LOCATION PITTSFIELD MA 01201  
 ATTN: MICHAEL T CARROLL, EHS&F

MA0003891  
 PERMIT NUMBER

SRU 3  
 DISCHARGE NUMBER

MAJOR (SUBR W )  
 F - FINAL  
 NON PROCESS/STORMWATER BYPASS

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
04	01	01		04	05	31

\*\*\* NO DISCHARGE [ ] \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH 00400 S O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		NODI [E]	*****	NODI [E]	( 12 )			
	PERMIT REQUIREMENT	*****	*****	***	MINIMUM	*****	MAXIMUM	SU			
OIL & GREASE 00556 S O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODI [E]	( 20 )			
	PERMIT REQUIREMENT	*****	*****	***	*****	*****	15 DAILY-MX	PPM			
POLYCHLORINATED BIPHENYLS (PCBS) 09516 S O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODI [E]	( 21 )			
	PERMIT REQUIREMENT	*****	*****	***	*****	*****	REPORT DAILY-MX	PPB			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 S O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	NODI [E]	( 30 )	*****	*****	*****	*****			
	PERMIT REQUIREMENT	*****	REPORT DAILY-MX	MGD	*****	*****	*****	*****			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Michael T. Carroll  
 Mgr. Pittsfield Remediation Prog.  
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*Michael T. Carroll*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413 494-3500		2004	4	21
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 SAMPLE AT POINT OF DISCHARGE.

NAME GENERAL ELECTRIC CORPORATION  
 ADDRESS ATTN: JEFFREY G. RUEBESAM  
 100 WOODLAWN AVENUE  
 PITTSFIELD MA 01201  
 FACILITY GENERAL ELECTRIC COMPANY  
 LOCATION PITTSFIELD MA 01201  
 ATTN: MICHAEL T CARROLL, EHS&F

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

MA0003891  
 PERMIT NUMBER

SRU 4  
 DISCHARGE NUMBER

MAJOR (SUBR W )  
 F - FINAL  
 NON PROCESS/STORMWATER BYPASS

Form Approved.  
 OMB No. 2040-0004

MONITORING PERIOD  
 FROM YEAR 04 MO 01 DAY 01 TO YEAR 04 MO 03 DAY 31

\*\*\* NO DISCHARGE 1 1 \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH 00400 S O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		7.8	*****	7.8	( 12 )	0	01/90	GR
	PERMIT REQUIREMENT	*****	*****	***	6.0	*****	9.0	SU			
OIL & GREASE 00556 S O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	( 20 )	0	01/90	GR
	PERMIT REQUIREMENT	*****	*****	***	*****	*****	15	PPM			
POLYCHLORINATED BIPHENYLS (PCBS) 39516 S O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		*****	*****	2.5	( 21 )	0	01/90	GR
	PERMIT REQUIREMENT	*****	*****	***	*****	*****	REPORT	PPB			
FLOW IN CONDUIT OR THRU TREATMENT PLANT 50050 S O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	0.22	( 03 )	*****	*****	*****		0	01/90	ES
	PERMIT REQUIREMENT	*****	REPORT	MGD	*****	*****	*****	PPB			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	TELEPHONE 413 494-3500	DATE 2004 4 21		
			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Michael T. Carroll</i>	AREA CODE	NUMBER
TYPED OR PRINTED					

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 SAMPLE AT POINT OF DISCHARGE.

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

NAME GENERAL ELECTRIC CORPORATION  
 ADDRESS ATTN: JEFFREY G. RUEBESAM  
 100 WOODLAWN AVENUE  
 PITTSFIELD MA 01201  
 FACILITY GENERAL ELECTRIC COMPANY  
 LOCATION PITTSFIELD MA 01201  
 ATTN: MICHAEL T CARROLL, EHS&F

MA0003891  
 PERMIT NUMBER

SR0 5  
 DISCHARGE NUMBER

MAJOR (SUBR W )  
 F - FINAL  
 NON PROCESS/STORMWATER BYPASS

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
04	01	01		04	03	31

\*\*\* NO DISCHARGE 1-1 \*\*\*

NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH 00400 S 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		NODI [E]	*****	NODI [E]	( 12 )			
	PERMIT REQUIREMENT	*****	*****	***	6 0	*****	9 0	SU			
OIL & GREASE 00556 S 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODI [E]	( 20 )			
	PERMIT REQUIREMENT	*****	*****	***	*****	*****	15	DAILY MX PPM			
POLYCHLORINATED BIPHENYLS (PCBS) 39516 S 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODI [E]	( 21 )			
	PERMIT REQUIREMENT	*****	*****	***	*****	*****	REPORT DAILY MX	PPB			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 S 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*****	NODI [E]	( 03 )	*****	*****	*****				
	PERMIT REQUIREMENT	*****	REPORT DAILY MX	MGD	*****	*****	*****	***			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	TELEPHONE 413 494-3500	DATE			
			2004	4	21	
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Michael T. Carroll</i>	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 SAMPLE AT POINT OF DISCHARGE

## ***Attachment C***

---

***Toxicity Evaluation of Wastewaters  
Discharged From the General Electric  
Plant; Pittsfield, Massachusetts  
[Samples Collected in April 2004]***

**Toxicity Evaluation of Wastewaters  
Discharged from  
The General Electric Plant  
Pittsfield, Massachusetts**

Samples collected in April 2004

Submitted to:

**General Electric  
Area Environmental & Facility Programs  
100 Woodlawn Avenue  
Pittsfield, Massachusetts 01201**

SGS Sample ID: TA4-D0-P127

Study Director: Ken Holliday

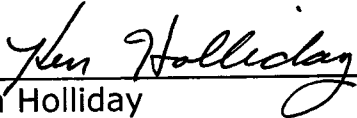
16 April 2004

**SGS Environmental Services  
1258 Greenbrier Street  
Charleston, West Virginia 25311-1002  
Tel: 304.346.0725 Fax: 304.346.0761  
www.sgs.com**


## Signatures and Approval

**Submitted by:** SGS Environmental Services  
1258 Greenbrier Street  
Charleston, West Virginia 25311-1002

Tel: 304.346.0725  
Fax: 304.346.0761  
www.sgs.com

  
\_\_\_\_\_  
Ken Holliday  
Study Director  
ken\_holliday@sgs.com

\_\_\_\_\_  
April 16, 2004  
Date

  
\_\_\_\_\_  
Titshina L. Mims  
Technical Writer

\_\_\_\_\_  
April 16, 2004  
Date


  
\_\_\_\_\_  
Peter Farrell  
Project Manager  
peter\_farrell@sgs.com

\_\_\_\_\_  
April 16, 2004  
Date

## Whole Effluent Toxicity Test Report Certification

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.

Executed on: April 16, 2004  
Date

  
Authorized signature  
Jeannie Latterner  
Name  
QA/QC Manager  
Title  
SGS Environmental Services  
Laboratory



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## Summary

### Static Acute Toxicity Test with *Daphnia pulex*

Sponsor: General Electric

Protocol Title: *Acute Aquatic Toxicity Testing, SGS Document Control Number 7002, version 4.0*

SGS Study Number: TA4-D0-P127

Test Material: Composite effluent from the General Electric Company located in Pittsfield, Massachusetts

GE Sample ID: A5569C

Dilution Water: Water from the Housatonic River (grab sample)

GE Sample ID: A5568R

Dates Collected: April 05, 2004 to April 06, 2004

Date Received: April 07, 2004

Test Dates: April 07, 2004 to April 09, 2004

Test Concentrations: 100% effluent  
75% effluent  
50% effluent  
35% effluent  
15% effluent  
5% effluent  
dilution water control  
reference control  
secondary reference control (sodium thiosulfate)

Results: The 48-hour LC50 value was determined to be >100% effluent. The No-Observed-Acute-Effect-Level (NOAEL) was observed to be 100% effluent.

## **1.0 Introduction**

### **1.1 Background**

In 1972, amendments were made to the Clean Water Act (CWA) prohibiting the discharge of any pollutant from a point source to waters of the United States, unless the discharge is authorized by a National Pollutant Discharge Elimination System (NPDES) permit. Since the passing of the 1972 amendments to the CWA, significant progress has been made in cleaning up industrial process wastewater and municipal sewage.

The purpose of the National Pollutant Discharge Elimination System (NPDES) Program is to protect human health and the environment. The Clean Water Act requires that all point sources discharging pollutants into waters of the United States must obtain an NPDES permit. By point sources, EPA means discrete conveyances such as pipes or man made ditches.

For many years, discharge limits were based on available technology for wastewater treatment. However, in 1984, the U.S. Environmental Protection Agency (EPA) released a national policy statement entitled "Policy for the Development of Water Quality-Based Permit Limitations for Toxic Pollutants" (U.S. EPA, 1984) which addresses the control of toxic pollutants beyond technology-based requirements in order to meet water quality standards. To implement the new policy, guidance was provided to the respective state and regional permit personnel in the EPA's "Technical Support Document for Water Quality-Based Toxics Control" (U.S. EPA, 1985; U.S. EPA, 1991). The EPA's policy statement and the support document recommended that, where appropriate, permit limits should be based on effluent toxicity as measured in aquatic toxicity tests.

## **1.2 Clean Water Act, 33 U.S.C. s/s 1251 et seq. (1977)**

The Clean Water Act is a 1977 amendment to the Federal Water Pollution Control Act of 1972, which set the basic structure for regulating discharges of pollutants to waters of the United States. The law gave EPA the authority to set effluent standards on an industry basis (technology-based) and continued the requirements to set water quality standards for all contaminants in surface waters. The CWA makes it unlawful for any person to discharge any pollutant from a point source into navigable waters unless a permit (NPDES) is obtained under the Act. The 1977 amendments focused on toxic pollutants. In 1987, the CWA was reauthorized and again focused on toxic substances, authorized citizen suit provisions, and funded sewage treatment plants (POTWs) under the Construction Grants Program. The CWA provisions for the delegation by EPA of many permitting, administrative, and enforcement aspects of the law to state governments. In states with the authority to implement CWA programs, EPA still retains oversight responsibilities.

## **1.3 Objective of the General Electric Study**

The objective of this study was to measure the acute toxicity of the composite wastewater discharged by the General Electric facility located in Pittsfield, Massachusetts, using *Daphnia pulex* under static conditions. Whereas *D. pulex* are not considered locally important, they are routinely used by regulatory agencies and contract laboratories nationwide for toxicity testing. A toxicity test was conducted from April 07, 2004 to April 09, 2004 at SGS Environmental Services, Charleston, West Virginia. All original raw data and the final report produced for this study are stored in SGS's archives at the above location.

## 2.0 Materials and Methods

### 2.1 Protocol

Procedures used in this acute toxicity test followed those described in the SGS Standard Operating Procedure (SOP) entitled *Acute Aquatic Toxicity Testing*, SGS document control number 7002, version 4.0. This SOP generally follows the standard methodology presented in *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms* (U.S. EPA, 1993). Additional SOPs used in this study are outlined below:

<u>Title</u>	<u>Document Number</u>	<u>Version</u>
Culture Waters for Aquatic Toxicity Testing	7005	4.0
Culture of <i>Daphnia</i>	7006	5.0
Reference Toxicant Testing	7008	5.0
Sample Handling for Aquatic Toxicity Testing	7009	4.0

Copies of these documents are included in the References section of this report.

### 2.2 Effluent Sample

The effluent sample (A5569C) was collected by GE personnel April 05, 2004 to April 06, 2004. Upon receipt at SGS on April 07, 2004, the sample temperature was 5.3° C. The effluent sample was characterized as having

<b>Parameter</b>	<b>Result</b>
Total Hardness	400
Alkalinity (as CaCO <sub>3</sub> )	320
pH	7.24
Specific Conductance	724
Dissolved Oxygen Concentration*	8.84

\*Dissolved oxygen concentration was recorded after sample was aerated and warmed to approximately 20°C).

The effluent sample was observed to be clear and colorless.

### 2.3 Dilution Water

Dilution water consisted of receiving water collected from the Housatonic River. The receiving water (A5568R) was collected by General Electric personnel on April 06, 2004. Upon receipt at SGS on April 07, 2004, the sample temperature was 5.3°C. The dilution water was characterized as having

<b>Parameter</b>	<b>Result</b>
Total Hardness	60
Alkalinity (as CaCO <sub>3</sub> )	32
pH	6.67
Specific Conductance	123
Dissolved Oxygen Concentration*	8.78

\*Dissolved oxygen concentration was recorded after sample was aerated and warmed to approximately 20°C).

The dilution water sample was observed to be slightly cloudy with a straw color.

### 2.4 Reference Control Water

Water used in the reference control vessels was deionized (DI) water adjusted to the appropriate hardness (moderately hard reconstituted water) by the addition of reagent grade chemicals (U.S. EPA, 1993). Characterization of this water resulted in:

<b>Parameter</b>	<b>Result</b>
Total Hardness	110
Alkalinity (as CaCO <sub>3</sub> )	68
pH	7.10
Specific Conductance	312
Dissolved Oxygen	8.89

## 2.5 Test Organisms

Daphnids (*Daphnia pulex*), less than 24-hours old, were obtained from SGS laboratory cultures maintained in Charleston. The culture system consisted of twenty-four (24) 100 ml disposable plastic beakers each containing 80 ml of culture medium and one (1) daphnid. The culture medium was deionized (DI) water for which the hardness was raised by addition of reagent grade chemicals (U.S. EPA, 1993). Prior to use, the culture water was characterized:

Parameter	Result
Total Hardness	within range of 80-110 mg/L
Alkalinity (as CaCO <sub>3</sub> )	within range of 60-70 mg/L
pH	within range of 7.0 to 7.2

The culture area was maintained at a temperature of 20°C (± 1°C) with a regulated photoperiod of 16 hours of light and 8 hours of darkness.

Daphnid cultures were fed a combination of green algae (*Selenastrum capricorium*), approximately  $4.0 \times 10^7$  cells/ml) and YCT (yeast, cereal leaves and trout chow). Approximately 1.0 ml of algae and 0.5 ml of YCT was added to each culture vessel daily. Three times per week, daphnids are transferred to fresh culture media.

Approximately twenty-four hours before test initiation, all immature daphnids were removed from the culture flasks. Offspring produced during the period were used in the toxicity test.

## 2.6 Test Procedures

A subsample of the effluent and the dilution water (approximately 2250 ml) was analyzed by SGS for total phosphorus, chloride, total suspended solids, and total solids. The 48-hour toxicity test was conducted at concentrations of 100%, 75%, 50%, 35%, 15% and 5% effluent. Test concentrations were prepared by diluting



the appropriate volume of effluent with dilution water to a total volume of 250 ml. Test solutions were then divided into replicate (5 replicates per concentration) 30 ml medicine cups, each containing 20 ml of test solution. One set of five control beakers (containing Housatonic River water) and one set of five reference control beakers (containing moderately hard reconstituted water) were established and maintained under the same conditions as the exposure concentrations. A secondary set of five reference control beakers (containing sodium thiosulfate) was also maintained. Test solutions were placed in an incubator to maintain solution temperature of 20°C ( $\pm 1^\circ\text{C}$ ). Light was provided on a 16-hour light and 8-hour dark photoperiod. Florescent bulbs provided an illumination of 90 to 100 foot-candles in the test area.

Prior to test initiation, daphnids less than 24-hours old were culled individually with a plastic pipette and placed into a 1000 ml holding beaker containing approximately 500 ml of reference water. The test was initiated when daphnids were individually transferred from the holding beaker to the test solutions (4 daphnids per replicate). The daphnids were fed prior to test initiation but were not fed during the exposure period.

## **2.7 Test Monitoring**

The number of mortalities and observations in each replicate vessel were recorded at 24 and 48 hours of exposure and observed mortalities were removed from the test solutions. Biological observations and observations from the physical characteristics of each replicate test solution and control were also made and recorded at 0, 24 and 48 hours. Dissolved oxygen concentrations pH and temperature were measured at test initiation and at 24-hour intervals thereafter, in one replicate vessel (a) for each test concentration in which there were surviving organisms.

Total hardness concentrations were measured by the EDTA titrimetric method and total alkalinity concentrations were determined by potentiometric titration to an endpoint of pH 4.5 (APHA, 1989). Total residual chlorine was measured by Hach test. Concentrations of ammonia were determined using a Buchi model 212 distillation unit and titrated automatically with a Brinkman titroprocessor. Specific conductivity was measured with a Cole Palmer Model 71250 salinity-conductivity-temperature meter and probe; pH was measured with a Fisher Scientific Accumet 910 pH meter and combination electrode; dissolved oxygen concentration was measured with an YSI Model 59 dissolved oxygen meter. Daily temperature measurements were performed with a Princo mercury thermometer and a Fisher minimum-maximum thermometer. Light intensity was measured with a General Electric type 217 light meter.

## **2.8 Reference Toxicity Test**

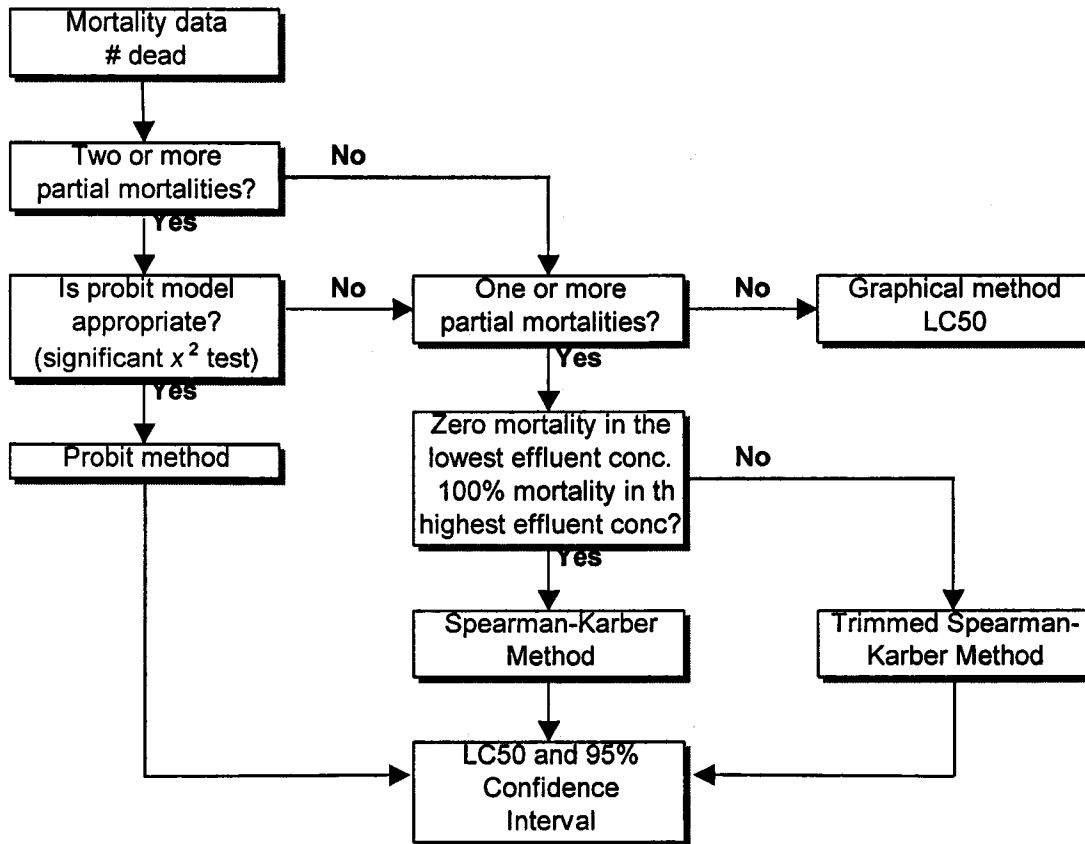
A 48-hour reference toxicity test exposing *Daphnia pulex* to sodium chloride (NaCl) was conducted from April 07, 2004 to April 09, 2004. The reference test was conducted to establish the health of the test organisms. The reference toxicity test included five NaCl concentrations and a dilution water control (moderately hard reconstituted water). The nominal NaCl concentrations for the test with *Daphnia pulex* ranged from 625 to 10,000 mg of NaCl/L. Test methods were the same as those described above for the effluent test.

### **3.0 Statistics**

The concentration-response relationships observed were characterized by the median lethal concentrations (LC50), which is the concentration that is calculated to be lethal to 50 percent of the organisms within the test period. If no concentration caused mortality of 50%, then the LC50 value was determined to be greater than the highest concentration tested and no statistical analysis were performed. If at least one concentration caused mortality of greater than 50% of the test population, then a computer program (TOXSTAT 3.5) was used to calculate the LC50 value. Three statistical methods were available in the computer program: probit analysis, the Trimmed Spearman-Karber, and the Spearman-Karber methods. The graphical method is available if appropriate. Generally, to choose the best estimate of the LC50 value for a particular data set, the U.S. EPA flow chart on page 15 was followed.

The No-Observable-Acute-Effect-Level (NOAEL) was estimated for the acute toxicity test, and is defined as the highest concentration of effluent that produced  $\geq 90\%$  survival.

**Flowchart 1. Determination of the LC50 from a Multi-Effluent-Concentration Acute Toxicity Test**



*Flowchart for determination of the LC50 for multi-effluent-concentration acute toxicity tests.*

## **4.0 Results**

### **4.1 Effluent Toxicity Test**

The methods and detection limits of chemical analyses performed on the composite effluent sample and dilution water are summarized in Table 1. Results of the characterization and analysis of the effluent and the dilution water are presented in Table 2. Water quality parameters measured during the toxicity test are presented in Table 3. Daily and continuous monitoring of the test solutions established the temperature ranged from 19°C to 21°C throughout the exposure period. The effluent concentration was tested (expressed as %) and the corresponding percent mortalities recorded during the 48-hour toxicity test are presented in Table 4. Significant toxicity was not demonstrated in this examination. Based on the results of this study, the 48-hour LC<sub>50</sub> value was >100% effluent. The NOAEL value for this study was determined to be 100% effluent.

### **4.2 Reference Toxicity Test**

SGS uses sodium chloride (NaCl) as a reference toxicant. The reference test was conducted from April 07, 2004 to April 09, 2004, and the resulting 48-hour LC<sub>50</sub> was estimated by Trimmed Spearman-Kärber Method to be 2332 mg NaCl/L (95% confidence intervals of 1971 to 2760 mg NaCl/L).

## References

- American Public Health Association, American Water Works Association, and Water Pollution Control Federation (APHA). 1989. *Standard Methods for the Examination of Water and Wastewater*. 17<sup>th</sup> Edition.
- U.S. Environmental Protection Agency. 1984. Development of water Quality-Based Permit Limitations for Toxic Pollutants. Federal Register 49(48):90160-90190.
- U.S. Environmental Protection Agency. 1985. Technical Support Document for Water Quality-Based Toxics Control. Office of Water, Washington, DC.
- U.S. Environmental Protection Agency. 1991. Technical Support Document for Water Quality-Based Toxics Control. Office of Water, Washington, DC.
- U.S. Environmental Protection Agency. 1993. *Measuring the Acute Toxicity of Effluents and Receiving Methods Waters to Freshwater and Marine Organisms*. EPA/600/4-90/027F.

**Table 1. Methods and detection limits of chemical analyses of the General Electric Pittsfield Plant effluent and the dilution water (Housatonic River).**

<u>Parameters</u>	<u>Method</u>	<u>Detection Limits</u>
Ammonia Nitrogen as N	EPA 350.2	1.0 mg/L
Chloride	EPA 325.2	1.0 mg/L
Total Organic Carbon	EPA 415.1	1.0 mg/L
Total Solids	EPA 160.3	10.0 mg/L
Phosphorus, Total as P	Standard Methods 4500-P	0.02 mg/L
Total Residual Chlorine	Standard Methods 4500-Cl G	0.01 mg/L
Total Suspended Solids	EPA 160.2	5.0 mg/L

**Table 2. Results of the characterization and analyses of the General Electric Pittsfield Plant effluent and the dilution water (Housatonic River).**

<b>Parameter</b>	<b>Effluent (A5569C)</b>	<b>Housatonic River (A5568R)</b>
Temperature	20.9°C	20.9°C
pH	7.24	6.67
Alkalinity (as CaCO <sub>3</sub> )	320 mg/L	32 mg/L
Hardness (as CaCO <sub>3</sub> )	400 mg/L	60 mg/L
Dissolved Oxygen	8.84 mg/L	8.78 mg/L
Specific Conductivity	724 µmhos/cm	123 µmhos/cm
Salinity	N/A	N/A
Total Residual Chlorine	ND	ND
Ammonia as N (0-Hour)	ND	ND
Total Phosphorus as P	0.022 mg/L	ND
Chloride	170 mg/L	12 mg/L
Total Suspended Solids	ND	ND
Total Solids	640 mg/L	82 mg/L
Total Organic Carbon	1.4 mg/L	2.5 mg/L

Dissolved oxygen concentrations recorded after samples were aerated and warmed to approximately 20°C.

N/A = not applicable      ND = non detectable



**Table 3. The water quality measurements recorded during the 48-hour static toxicity test exposing *Daphnia pulex* to General Electric Pittsfield Plant effluent.**

Matrix ↓	pH			Dissolved Oxygen (mg/L)			Temperature (°C)		
	0	24	48	0	24	48	0	24	48
	Reference Control	7.10	7.13	7.19	8.89	8.72	8.57	20.9	20.1
Secondary Ref Control	7.17	7.22	7.28	8.94	8.74	8.57	20.9	20.1	19.7
Dilution Water Control	6.67	6.78	6.90	8.78	8.61	8.48	20.9	20.1	19.7
5% Effluent	6.78	6.85	6.99	8.78	8.63	8.47	20.9	20.1	19.7
15% Effluent	6.87	6.97	6.94	8.80	8.58	8.43	20.9	20.1	19.7
35% Effluent	6.94	7.05	7.09	8.81	8.70	8.40	20.9	20.1	19.7
50% Effluent	7.02	7.11	7.22	8.81	8.64	8.38	20.9	20.1	19.7
75% Effluent	7.11	7.17	7.24	8.84	8.60	8.50	20.9	20.1	19.7
100% Effluent	7.24	7.34	7.31	8.84	8.63	8.44	20.9	20.1	19.7

Dissolved oxygen, pH and temperature were measured in one replicate test chamber (A) for each concentration and controls.

The appearance of the effluent was clear, with some sediment.

- Reference Control = moderately hard synthetic water
- Secondary Control = moderately hard synthetic water and 0.1 N sodium thiosulfate (Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>)
- Dilution Water Control = receiving water collected from the Housatonic River

**Table 4. Cumulative percent mortalities recorded during the 48-hour static toxicity test exposing *Daphnia pulex* to General Electric Pittsfield Plant effluent.**

Test Matrix ↓	Cumulative Percent Mortality (%)											
	24-Hour						48-Hour					
	A	B	C	D	E	Mean	A	B	C	D	E	Mean
Reference Control	0	0	0	0	0	0	0	0	0	0	0	0
Secondary Ref Control	0	0	0	0	0	0	0	0	0	0	0	0
Dilution Water Control	0	0	0	0	0	0	0	0	0	0	0	0
5% Effluent	0	0	0	0	0	0	0	0	0	0	0	0
15% Effluent	0	0	0	0	0	0	0	0	0	0	0	0
35% Effluent	0	0	0	0	0	0	0	0	0	0	0	0
50% Effluent	0	0	0	0	0	0	0	0	0	0	0	0
75% Effluent	0	0	0	0	0	0	0	0	0	0	0	0
100% Effluent	0	0	0	0	0	0	0	0	0	0	0	0

Reference Control = moderately hard synthetic water  
 Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> Control = moderately hard synthetic water and sodium thiosulfate (0.1 N)  
 Dilution Water Control = receiving water collected from the Housatonic River

## **Appendix I**

## **References**

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Method Reference: CT&E/USEPA  
Document File Name: 7002-04.DOC  
Revision Number: 4.0  
Effective Date: October 20, 1998

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Approved by: *Ken Holliday*  
Supervisor

10/21/98  
Date

Approved by: *Myra M. Work*  
QA/QC Officer

10/20/98  
Date

### 1.0 SUMMARY

A 24-, 48-, or 96-hour test to determine the toxicity to freshwater aquatic animals of effluents.

### 2.0 REFERENCES

- 2.1 Weber, Cornelius I., *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms.*, Fourth Edition. EPA-600/4-90/027. U.S.EPA, Cincinnati, Ohio.
- 2.2 *Reporting and Testing Guidance for Biomonitoring Required by the Ohio Environmental Protection Agency*, October, 1991.
- 2.3 *Toxics Management Program's Guidance for Conduction and Reporting the Results of Toxicity Tests in Fulfillment of VPDES Permit Requirements*, Revised July 1992.

### 3.0 SCREENING

#### 3.1 Test Duration

24 Hours, 48 Hours or 96 Hours.

#### 3.2 Test Preparation

- 3.2.1 Measure the pH, D.O. and total residual chlorine of the 100% effluent and the control water. If the effluent pH falls outside of the range of 6.0-9.0, two parallel tests are set up in which one effluent is adjusted and the other is not. The pH is adjusted to 7.0 using additions of 1N NaOH and HCl, (other pH adjustment endpoints may be utilized depending on local requirements). The measured amount of acid or base is recorded on the bench sheet. If the D.O. is below 40% saturation or above 100% saturation, the effluent is aerated prior to test initiation. If the total chlorine is above 0.1 mg/L, two parallel tests are set up in which one

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effluent is dechlorinated and the other is not (Dechlorination may be prohibited; permit is checked to determine if dechlorination is allowed). The effluent is dechlorinated by the addition of anhydrous sodium thiosulfate. The measured amount is recorded on the bench sheet. Care is taken to add the least amount of sodium thiosulfate needed to decrease the TRC level below 0.10 mg/L. Typically, adjustment of effluent is unnecessary.

3.2.2 Twenty organisms per concentration are used in acute screening tests.

3.2.3 This is a static, non-renewal test, using *Ceriodaphnia dubia*, *Daphnia pulex*, *Daphnia magna*, or *Pimephales promelas* (Fathead minnow).

3.2.4 Water quality (D.O., pH, conductivity, hardness, alkalinity and TRC), is measured at the time of test initiation. At test termination, temperature, D.O. conductivity and pH are measured. The final mortality and percent effected counts are recorded. Temperature is maintained at  $25^{\circ} \pm 1^{\circ}\text{C}$  for *Daphnia*, and  $20^{\circ} \pm 1^{\circ}\text{C}$  for fathead minnows. Facilities exist to perform both fish and *Daphnia* tests at either temperature.

### 3.3 Test Results

No statistical analysis is performed on screening data.

## 4.0 DEFINITIVE TEST

### 4.1 *Pimephales promelas* (Fathead Minnows)

#### 4.1.1 Test Duration

48-Hours or 96-Hours

#### 4.1.2 Static non-renewal

#### 4.1.3 Test Preparation

4.1.3.1 This test is comprised of a control and an effluent dilution series usually consisting of 100%, 50%, 25%, 12.5% and 6.25% (unless otherwise indicated).

4.1.3.2 The sample is brought up to test temperature in a room temperature water bath. Chemical parameters are checked and

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recorded. If the pH, D.O. or chlorine fall outside the acceptable testing range, the effluent may be adjusted (see screening; Test Preparation).

4.1.3.3 The dilutions are prepared in calibrated graduated cylinders using moderately hard synthetic water as dilution water. Other dilution water may be used if specified.

4.1.3.4 Approximately 400 ml of test solution is placed in each of two 800 ml disposable plastic beakers.

#### 4.1.4 Loading

Ten (10) organisms are placed in each beaker. CT&E uses fish which are less than 14 days old and are hatched within the same 24 hour period. A loading limit of 0.8 g/l is observed. Fish are loaded by first transferring them to a shallow dish where they are easily transferred into the test solutions with wide-bore pipettes.

#### 4.1.5 Test Temperature

20° C (± 1)

#### 4.1.6 Daily Procedures

4.1.6.1 At the end of each 24 hours, the pH, D.O. and temperatures are checked and recorded. At this time mortalities are also recorded.

4.1.6.2 If a 96 hour static acute test is required, the test solution may be renewed at 48 hours. Renewal is accomplished by siphoning old test solution and debris and replacing with fresh solution of the appropriate concentration.

4.1.6.3 At the end of 48 hours or 96 hours the final mortalities and percent affected are recorded along with the final water qualities (D.O., pH, conductivity).

#### 4.1.7 Feeding

Organisms are allowed to feed only prior to test initiation, and prior to renewal at 48 hours in a 96 hour test.

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### 4.2 *Ceriodaphnia dubia*, *Daphnia magna*, and *Daphnia pulex*

#### 4.2.1 Test Duration

48-Hours

#### 4.2.2 Static Non-renewal

#### 4.2.3 Test Preparation

4.2.3.1 This test is comprised of a control and a dilution series consisting of 100%, 50%, 25%, 12.5% and 6.25% of the effluent (unless otherwise indicated).

4.2.3.2 The sample is brought up to test temperature in a room temperature waterbath. Chemical parameters are checked and recorded. If the pH, D.O. or chlorine fall outside the acceptable testing range, the effluent may be adjusted (see screening; Test Preparation).

4.2.3.3 The dilutions are prepared in beakers using moderately hard synthetic water (see Section II; Dilution Waters and Culture Media), unless other dilution water is specified. At least 25 ml. of each dilution are placed in five 30 ml. testing vessels.

#### 4.2.4 Loading

4.2.4.1 Four organisms are placed in each vessel. The *Daphnids* are loaded with a disposable polyethylene transfer pipette and are gently released below the surface of the water to avoid the risk of injury.

#### 4.2.5 Test Temperature

The test is conducted in a constant temperature incubator at 25° ±1° C (To satisfy local requirements tests may be conducted at other temperatures).

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### 4.2.6 Daily Procedure

4.2.6.1 At 24 and 48 hours the mortalities and number adversely effected are noted.

4.2.6.2 Due to the fragile structure of *Daphnia* organisms, dissolved oxygen, hardness alkalinity, specific conductance and pH readings are not taken after the organisms have been added to the sample. These analyses could cause injury to the *Daphnia* organisms.

### 4.2.7 Photoperiod

16 hours light, 8 hours dark.

### 4.2.8 Feeding

Organisms are allowed to feed prior to test initiation; they are not fed for the duration of the test.

## 5.0 TEST DATA

### 5.1 *Pimephales promelas*, *Ceriodaphnia dubia*, *Daphnia magna* and *Daphnia pulex*

5.1.1 Mortality and adverse effects are used as the endpoints for a definitive test.

5.1.2 Chemical parameters checked before test initiation, at 24 hours, 48 hours, 72 hours and 96 hours.

5.1.3 Mortalities recorded at 24 hours, 48 hours, 72 hours and 96 hours.

5.1.4 Any atypical behavior or complications are recorded.

## 6.0 DATA ANALYSIS

### 6.1 Introduction

Data from acute effluent toxicity tests are used to estimate the LC50 and EC50. The LC50 is a point estimate of the effluent concentration that is expected to cause lethality to 50% of the test organisms. The EC50 is a point estimate of



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the effluent concentration that is expected to cause and adverse effects to 50% of the test organisms.

### 6.2 Methods for Estimating the LC50 & EC50

6.2.1 The flow chart (Figure 6) on page 76 of the manual, *Methods for Measuring the Acute Toxicity of Effluents and Receiving Water to Freshwater and Marine Organisms* (Fourth Edition), EPA-600/4-90-27F, Appendix A, Sections 4.4.1 through 4.4.3. is observed for determination of the LC50 for multi-concentration acute toxicity tests.

6.2.2 Several statistics packages, including Toxstat® 3.4, are available for data analysis.

## 7.0 REPORT PREPARATION

### 7.1 CT&E Acute Toxicity Test Reports Typically Contain the Following Information:

7.1.1 Test background information - Includes client, NPDES or state permit number, sampling point reference number, date collected and received, collector's name, type and date of test, dilution water used, test results, and chain of custody forms.

7.1.2 Results - LC50 & EC50 values and analysis method used; Any comments concerning the test results.

7.1.3 Initial Characterization of the Effluent Sample - Raw Data Sheets: Includes dissolved oxygen (DO), pH, specific conductivity, hardness, alkalinity and a description of the sample source.

7.1.4 Reference Toxicity Data

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Approved by: Ken Halliday  
Supervisor

10/21/98  
Date

Approved by: Lynda M. Work  
QA/QC Officer

10/20/98  
Date

### 1.0 Summary

This document describes the preparation of various waters used for the culture of aquatic organisms.

### 2.0 Moderately-Hard Synthetic Water

- 2.1 Place 19 liter of de-ionized, or equivalent, water in a properly cleaned and labeled plastic carboy.
- 2.2 Add 1.20 g of  $MgSO_4$ , 1.92 g  $NaHCO_3$  and 0.08g KCl to the carboy.
- 2.3 Aerate overnight.
- 2.4 Add 1.20 g of  $CaSO_4 \cdot 2H_2O$  to 1 liter of de-ionized or equivalent water in a separate flask. Stir on magnetic stirrer until calcium sulfate is dissolved and add to the 19 liter above and mix well.
- 2.5 Aerate vigorously for 24 hours to stabilize the medium.

### 3.0 Hard Synthetic Water

- 3.1 Place 9 liter of de-ionized, or equivalent, water in a properly cleaned and labeled plastic carboy.
- 3.2 Add 1.20 g of  $MgSO_4$ , 1.92 g  $NaHCO_3$  and 0.08g KCl to the carboy.
- 3.3 Aerate overnight.
- 3.4 Add 1.20 g of  $CaSO_4 \cdot 2H_2O$  to 1 liter of de-ionized, or equivalent water in a separate flask. Stir on magnetic stirrer until calcium sulfate is dissolved and add to the 9 liter above and mix well.
- 3.5 Aerate vigorously for 24 hours to stabilize the medium.

# CT&E Environmental Services Inc.

## Standard Operating Procedure

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Document Title: Culture Waters for Aquatic Toxicity Testing  
Method Reference: CT&E/USEPA  
Document File Name: 7005-04.DOC  
Revision Number: 4.0  
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Document Control Number: 7005.

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### 4.0 Synthetic Water Solutions

#### 4.1 KCL Stock Solution

- 4.1.1 Place 8 g of crystalline, reagent grade KCL in a 1 liter volumetric flask.
- 4.1.2 Bring the volume to one liter with distilled water.
- 4.1.3 Aerate vigorously for several hours before using.
- 4.1.4 Store in a 1 liter polyethylene bottle.

#### 4.2 MgSO<sub>4</sub> Stock Solution

- 4.2.1 Place 120 g of reagent water, anhydrous MgSO<sub>4</sub> powder in a 1 liter volumetric flask.
- 4.2.2 Bring the volume to one liter with distilled water.
- 4.2.3 Aerate vigorously for several hours before using.
- 4.2.4 Store in a 1 liter polyethylene bottle.

#### 4.3 NaHCO<sub>3</sub> Stock Solution

- 4.3.1 Place 96 g of reagent grade NaHCO<sub>3</sub> powder in a 1 liter volumetric flask.
- 4.3.2 Bring the volume to 1 liter with distilled water
- 4.3.3 Aerate vigorously for several hours before using.
- 4.3.4 Store in a 1 liter polyethylene bottle.

### 5.0 Activated Carbon Treated Tap Water Diluent

- 5.1 Fill a 5-gallon carboy with water from the treatment system using the attached hose. Water should be allowed to flow slowly through the hose into the sink for 2-3 minutes before filling the carboy. Flow rate to fill the carboy should be slow.
- 5.2 One or two long airstones are placed in the filled carboy. Water is aerated vigorously for 48-hours.
- 5.3 Total residual chlorine must be checked on water from newly filled carboys before using.
- 5.4 Alkalinity, hardness and pH are checked on samples from dechlorinated water carboys according to the Laboratory Procedure Checklist.
- 5.5 Log information on the Dechlorinated Tap Water and Cechlorimeter log sheet including the carboy number and date filled.

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## Standard Operating Procedure

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### 6.0 Synthetic Sea Water Preparation

- 6.1 Fill a clean carboy with dechlorinated water to approximately the 25-gallon mark.
- 6.2 The newly filled carboy should be checked for the presence of chlorine and the results recorded on the saltwater carboy log sheet. If chlorine is present, two 4-inch airstones (adjusted to a moderately heavy air flow) should be introduced and the water aerated until a level of <0.01 mg/L is reached.
- 6.3 A sufficient amount of synthetic salt is added to the carboy to obtain the required salinity (usually 20 ppt).
- 6.4 All information should be logged on the Saltwater Carboy log sheet.

# CT&E Environmental Services Inc.

## Standard Operating Procedure

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Document Title: Culture of *Daphnia*  
Method Reference: CT&E/USEPA  
Document File Name: 7006-05.DOC  
Revision Number: 5.0  
Effective Date: March 12, 2001

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Document Control Number: 7006

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Approved by: Ken Halliday 3/23/2001  
Supervisor Date  
Approved by: Julia M. Work 3/23/2001  
QA/QC Officer Date

### 1.0 Summary

This document describes the procedure for the culture of *Ceriodaphnia dubia*, *Daphnia pulex*, *Daphnia magna* that are used in aquatic toxicity testing.

### 2.0 Mass Stock Cultures of *Ceriodaphnia dubia*, *Daphnia pulex*, and *Daphnia magna*

- 2.1 Stock cultures are maintained in 1000 ml beakers/jars with 900 mls of culture media at  $20 \pm 1^\circ$  C. These cultures are maintained only as a back-up source of organisms.
- 2.2 Culture media for *Ceriodaphnia dubia* and *Daphnia pulex* is moderately-hard synthetic water. Culture media for *Daphnia magna* is hard synthetic water (see document control number 7005.04, "Culture Waters for Aquatic Toxicity Testing").
- 2.3 Many cultures are maintained simultaneously with an informal rotation cycle. New cultures are started with young produced by individual cultures. These cultures are maintained for approximately 3 weeks after which they are discarded.
- 2.4 Cultures are fed YCT (yeast, cerophyll, digested trout chow/flake food) and algae (*Selenastrum capricorium*) on Monday, Wednesday and Friday. Feeding, as well as culture rotation, temperature and all other relevant data is recorded by species in a log book.
- 2.5 Stock cultures are also fed algae and YCT. These feedings are recorded in the log book.

### 3.0 Individual Cultures of *Ceriodaphnia dubia*, *Daphnia pulex*, *Daphnia magna*

- 3.1 Cultures of *Daphnia magna* and *Daphnia pulex* are maintained in 100 ml plastic beakers. Twenty-four (24) beakers with one organism each are kept at all times to ensure continuous availability of neonates for testing. Cultures of individual *Ceriodaphnia dubia* are maintained in 30 ml sterile plastic medicine cups. One to two cultures of approximately 100 organisms each are kept at all times.

# CT&E Environmental Services Inc.

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3.2 Cultures are renewed three times per week. Organisms are fed daily.

#### 4.0 Obtaining Neonates for Testing

4.1 Cultures of *Ceriodaphnia* are started by placing one neonate into a 30 ml disposable plastic cup containing approximately 20 ml of Moderately Hard Synthetic Water. New *Ceriodaphnia* cultures are started every ten to fourteen days. *D. magna* and *D. pulex* are replaced whenever mortality occurs.

4.2 The individual cultures are transferred to fresh media three times per week. Synthetic water, algae and YCT are mixed prior to pouring into culture vessel to ensure uniformity of media. The old media and neonates are kept for stock cultures for several weeks and then discarded.

4.3 To assure neonates for chronic tests are of a very similar age, transfer of individual brood stock to fresh media should be made the morning of the test. The cultures are then checked approximately every two hours to find an adequate number of neonates all released with an 8 hour period. For acute tests, individuals are either transferred less than 24 hours before a test or the young are separated from adults less than 24 hours before a test.

4.4 Young used in chronic testing are obtained from adults who have produced at least three broods, with no less than 8 neonates in their third or subsequent brood. Neonates are then distributed in a "blocking" procedure, i.e., neonates from the same organism are placed in one replication of each concentration.

#### 5.0 DAPHNIA Food

##### 5.1 Digested Flake Food

5.1.1 Add 5g flake food to 1 L deionized water. Mix well in a blender and place in a 2 L separatory funnel. To digest, aerate this mixture at room temperature for one week.

5.1.2 At end of the digestion period, remove aeration and allow to settle.

5.1.3 Drain sediment. Place supernatant in a beaker and allow to settle in refrigerator overnight.

5.1.4 Filter through fine mesh.

**CT&E Environmental Services Inc.**  
**Standard Operating Procedure**

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**5.2 Cerophyll®**

5.2.1 Add 5g Cerophyll® to 1 L deionized water. Mix in a blender on high speed for 5 minutes.

5.2.2 Remove from blender and allow to settle in refrigerator overnight.

5.2.3 Retain supernatant for combined YCT food.

**5.3 Yeast**

5.3.1 Add 5g dry yeast to 1 L deionized water. Mix in a blender at low speed.

5.3.2 Do not allow mixture to settle.

**5.4 Combined YCT Food**

5.4.1 Mix equal parts of each of the above preparations in large clean beakers.

5.4.2 Pour well mixed YCT into small screw cap bottles. Freeze until needed.

# CT&E Environmental Services Inc.

## Standard Operating Procedure

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Document Title: Reference Toxicant Testing  
Method Reference: CT&E/USEPA  
Document File Name: 7008-05.DOC  
Revision Number: 5.0  
Effective Date: March 12, 2001

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Document Control Number: 7008

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Approved by: Kan Holliday  
Supervisor

3/23/2001  
Date

Approved by: [Signature]  
QA/QC Officer

3/23/2001  
Date

### 1.0 Summary

To insure that healthy organisms are used in testing, CT&E performs monthly QA/QC tests on all in-house cultured organisms. CT&E uses Sodium Chloride as a reference toxicant.

### 2.0 *Pimephales promelas*

- 2.1 48 hour static acute toxicity tests are run at 20°C ( $\pm 1^\circ\text{C}$ ) using fish 1 to 14 days old.
- 2.2 This test consists of a control and a dilution series of 10g/L, 9g/L, 8g/L, 7g/L, and 6g/L, of sodium chloride. Other dilution series may be used.
- 2.3 The dilutions are prepared in 800 ml disposable plastic beakers using moderately hard synthetic water. 500 mls of test solution is placed in each of two replications. Water quality values are measured and recorded at this time.
- 2.4 Ten organisms are placed in each replicate. Fish are loaded by first siphoning them into a shallow pan from which they are transferred to the beakers with a large bore pipette.
- 2.5 The test is terminated at 48 hours. At this time, mortalities are recorded along with final water quality data.

### 3.0 Daphnids (*Ceriodaphnia dubia*, *Daphnia magna*, *Daphnia pulex*)

- 3.1 48 hour static acute tests are performed at 25°C ( $\pm 1^\circ\text{C}$ ) using organisms less than 24 hours old.
- 3.2 These tests consist of a control and a five dilution series. The concentration of the reference toxicant is varied depending on species.
  - 3.2.1 *Ceriodaphnia dubia*, *Daphnia pulex*: 10, 5, 2.5, 1.25, 0.625 grams/L



# CT&E Environmental Services Inc.

## Standard Operating Procedure

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3.2.2 *Daphnia magna*: 10, 5, 2.5, 1.25, 0.625 grams/L

- 3.3 Dilutions are prepared using moderately hard synthetic water. 20 mls of each dilution are placed in each of 5 plastic medicine cups.
- 3.4 Four organisms are placed in each test vessel. The *Daphnids* are loaded with a disposable plastic pipette. Organisms are gently released below the surface of the water to minimize risk of injury.
- 3.5 The test is terminated at 48 hours. At this time, mortalities are recorded along with final water quality data.

#### 4.0 Data Analysis

- 4.1 Toxicity tests are conducted on a monthly basis.
- 4.2 The  $LC_{50}$  is calculated according to EPA protocols.
- 4.3 Results from these tests are incorporated into Q-sum charts. These records are kept in monthly files.

# CT&E Environmental Services Inc.

## Standard Operating Procedure

Document Title: Sample Handling for Aquatic Toxicity Testing  
 Method Reference: CT&E/USEPA  
 Document File Name: 7009-04.DOC  
 Revision Number: 4.0  
 Effective Date: October 20, 1998

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Document Control Number: 7009

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Approved by: *Ken Holliday*  
Supervisor

10/21/98  
Date

Approved by: *Judith M. U. Dore*  
QA/QC Officer

10/20/98  
Date

### 1.0 Summary

This document describes the manner in which sample waters (effluents, wastewaters, etc.) are handled from point of collection to testing.

### 2.0 Sample Handling

#### 2.1 Sampling Personnel

CT&E's sampling personnel are trained and experienced in the techniques for collecting samples according to NPDES permit requirements. This includes the use of automatic sampling equipment and the measurement of various field parameters.

#### 2.2 Sample Containers

Sample containers used by CT&E are disposable plastic cubitainers®.

#### 2.3 Sample Collection Points

For NPDES permit required tests, the sample will be collected at the point specified in the discharge permit unless otherwise directed by the regulatory agency.

#### 2.4 Sample Shipment

Samples are placed on ice (sufficient to maintain 0-4°C) in a cooler and are transported as quickly as possible to the laboratory.

#### 2.5 Laboratory Handling of Samples

Upon delivery to the laboratory, the effluent samples are inspected, given a sample control number and stored at 4° C until used for testing.

# CT&E Environmental Services Inc.

## Standard Operating Procedure

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### 2.6 Sample Holding Time

Samples will be tested within 24 hours upon receipt in the laboratory. The maximum lapsed time for collection of a grab or composite sample and the initiation of test, or for test solution renewal, will not exceed 36-hours for Chronic and Acute Testing.

## 3.0 LABORATORY ENVIRONMENT

### 3.1 Laboratory Arrangement

The aquatic toxicity testing laboratory is divided into two separate areas: (1) the culturing laboratory and (2) the testing laboratory. See attached diagram for details of laboratory layout.

### 3.2 Temperature

The aquatic toxicity testing laboratory air temperature is maintained at  $20 \pm 1^\circ \text{C}$  throughout the year by a central heating and cooling system which is regulated by thermostats. Temperatures are continuously recorded by thermographs.

### 3.3 Water

Several waters are available for use in the laboratory. CT&E has access to municipally supplied water, well water and reagent water from which synthetic water is prepared. Waters used for culturing and testing are analyzed semiannually for priority pollutants and other contaminants. A detailed report is available.

### 3.4 Lighting

Ambient laboratory lighting is regulated with a 16 hour day/8 hour night photoperiod controlled by an electronic timing system in the culturing and testing areas.

## 4.0 LABORATORY EQUIPMENT

### 4.1 General

Instruments used for the measurement of physical and chemical parameters are calibrated prior to use in testing. Any instrument that exceeds the calibration limits is taken out of service and corrective action is taken.

# CT&E Environmental Services Inc.

## Standard Operating Procedure

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### 4.2 Balances

Analytical balances are calibrated against standard weights prior to use. All calibration results and adjustments are recorded in bound books.

### 4.3 Water Quality Meters

Meters are calibrated prior to use using known standards and the manufacturer's instructions. Records of calibration are kept in logbooks. Detailed procedures for the operation of these meters are found in SOP's for each specific instrument.

### 4.4 Reagents

All reagents are stored in a separate area. Expired reagents and chemicals are discarded.

### 4.5 Test Containers

All test containers are either clean reusable glassware or new, disposable plastic beakers.

## 5.0 EQUIPMENT CLEANING PROCEDURES

### 5.1 Equipment used in culturing or testing is washed in the following manner:

- 5.1.1 Soak 15 minutes and scrub with detergent in tap water.
- 5.1.2 Rinse three times with tap water.
- 5.1.3 Rinse once with 20% nitric acid.
- 5.1.4 Rinse twice with deionized water.
- 5.1.5 Rinse once with full-strength, pesticide-grade acetone.
- 5.1.6 Rinse well with deionized water.
- 5.1.7 Invert and air dry.
- 5.1.8 All equipment and test chambers are rinsed with deionized water immediately prior to use for each test.

## **Appendix II**

### **Chain of Custody**

Chain of Custody Record  
 General Electric Co.  
 100 Woodlawn Ave. Pittsfield, MA 01201

Chain of Custody #: 0BG040604

Wet Weather Acute Aquatic Toxicity for April 2004 TAT-DOR-27-1/2

Project #	Analytical Lab:	Date	Time	Containers	Sampled By:	Preservative	Remarks
NPDES PERMIT	CT&E Environmental Services Inc.				(Print) <u>Mark Wlaszewska</u>		
					Parameters to be Analyzed		
1	A5569C	4/5 to 4/6/04	11:00 AM	1 Gallon plastic	Definitive Test (LC50 and NOAEL), Static acute toxicity, 48 hr w/ Daphnia pulex	Chilled	(See below)
1	A5569C	4/5 to 4/6/04	11:09 AM	1000 ml. plastic	Chloride, TSS, Total Solids, Alkalinity Specific Conductance, CL2	Chilled	
1	A5569C	4/5 to 4/6/04	11:09 AM	500 ml. plastic	Total Phosphorus, TOC, NH3	H2SO4	
2	A5568R	4/6/04	8:30 AM	1 Gallon plastic	Housatonic River water dilution water for definitive test	Chilled	
2	A5568R	4/6/04	8:30 AM	1000 ml. plastic	Chloride, TSS, Total Solids, Alkalinity Specific Conductance, CL2	Chilled	
2	A5568R	4/6/04	8:30 AM	500 ml. plastic	Total Phosphorus, TOC, NH3	H2SO4	
Relinquished By: <u>Mark Wlaszewska</u>		Date/Time	Received By: <u>[Signature]</u>				
		4-6-04 14:00					
Relinquished By: <u>[Signature]</u>		Date/Time	Received By: <u>[Signature]</u>				
		4-6-04 14:30					
Additional Comments: The effluent sample being analyzed for toxicity is a flow-proportioned composite. Each outfall sample is a 24-hour composite. The sample collection times for each outfall are as follows: 001- 7:50 AM 004- 7:45 AM 005-64T-7:00 AM 005-64G- 7:00 AM 007- 09A- 8:00 AM 09B- /							
The time of compositing the final flow-proportioned sample was <u>11:00</u> A.M.							

5.3°C

## **Appendix III**

### **Bench Data**

# General Electric - 48-hour Acute Biotoxicity Bench Sheet

Client: General Electric  
 Project: Wet Weather Acute Lab. No.: JAY-DO-PI27-001/002  
 Sample Date: 4/5-6/04 Time: 11:00 Date Received: 4/7/04  
 Source: EFFLUENT COMPOSITE Date Analyzed: 4/7/04  
 Source of dilution water: Housatonic River Water Analyst(s): KH  
 Test Species: Daphnia pulex Age: < 24 hours Temp. Range:      °C  
 Type of Test: 48-Hour Static Acute

Total Chlorine: n/d

Beginning	Ending
Date: <u>4/7/04</u>	<u>4/9/04</u>
Time: <u>11:00</u>	<u>11:00</u>

Concentration →	Housatonic River Control	MHSW Control	MHSW Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> Control	Effluent 5%	Effluent 15%	Effluent 35%	Effluent 50%	Effluent 75%	Effluent 100%
<b>START</b>									
Temperature	20.9	20.9	20.9	20.9	20.9	20.9	20.7	20.9	20.9
Hardness	60	110	110						400
D.O.	8.78	8.89	8.94	8.78	8.80	8.81	8.81	8.84	8.84
pH	6.67	7.10	7.11	6.78	6.87	6.94	7.02	7.11	7.24
Alkalinity	32	68	72						320
Sp. Conduct.	123	312	316	270	322	360	441	542	724
<b>24 HOUR</b>									
No. Surviving	20	20	20	20	20	20	20	20	20
Temperature	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
D.O.	8.61	8.72	8.74	8.63	8.58	8.70	8.64	8.60	8.63
pH	6.78	7.15	7.22	6.85	6.97	7.05	7.11	7.17	7.34
Sp. Conduct.	198	314	308	284	331	358	450	558	688
<b>48 HOUR</b>									
No. Surviving	20	20	20	20	20	20	20	20	20
Temperature	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
D.O.	8.48	8.57	8.57	8.47	8.43	8.40	8.38	8.50	8.44
pH	6.90	7.19	7.28	6.99	6.94	7.09	7.22	7.24	7.31
Sp. Conduct.	257	303	314	296	348	386	468	574	642

Method Reference: *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms*, Fourth Edition. EPA-600/4-90/027F. U.S.EPA. Cincinnati, Ohio.

f:\public\forms\bioassay\GE bench sheet-acute.doc



## Acute Biototoxicity Bench Sheet

Client: QC  
 Project: Reference Toxicant Lab. No.: \_\_\_\_\_  
 Date Received: \_\_\_\_\_  
 Sample Date: \_\_\_\_\_ Time: \_\_\_\_\_ Date Analyzed: \_\_\_\_\_  
 Source: NaCl Analyst: KH  
 Source of dilution water: Moderately Hard Synthetic Water  
 Test Species: Daphnia pulex Age: < 24 hours Temp. Range: \_\_\_\_\_ °C  
 Type of Test: 48 hour static Acute

Total Chlorine: n/d

	Beginning	Ending
Date:	4/7/04	4/9/04
Time:	1500	1500

Concentration	Control		625	1250	2500	5000	10,000
<b>START</b>							
Temperature	20.9		20.9	20.9	20.9	20.9	20.9
Hardness	110						110
D.O.	8.9		8.9	8.9	8.9	8.9	8.9
pH	7.1		7.1	7.2	7.2	7.2	7.2
Alkalinity	72						75
Sp. Conduct.	337		1320	2250	3840	6750	10,800
<b>24 HOUR</b>							
Temperature	20.1		20.1	20.1	20.1	20.1	20.1
No. Surviving	20		20	20	14	12	0
<b>48 HOUR</b>							
Temperature	19.6		19.6	19.6	19.6	19.6	19.6
No. Surviving	20		20	19	9	0	0

Note: All results expressed in mg/L unless otherwise designated. < = less than

Note: Number in parenthesis equals number not adversely effected (EC<sub>50</sub>). This number is used in calculating EC<sub>50</sub> value.

Note: Due to fragile structure of *Daphnia* organisms, dissolved oxygen (DO), hardness, alkalinity, specific conductance, and pH reading could not be taken after the organisms are added to the sample. Doing so would cause injury to the organisms.

Method Reference: *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine*

FOR REFERENCE, CITE:

HAMILTON, M.A., R.C. RUSSO, AND R.V. THURSTON, 1977.  
TRIMMED SPEARMAN-KARBER METHOD FOR ESTIMATING MEDIAN  
LETHAL CONCENTRATIONS IN TOXICITY BIOASSAYS.  
ENVIRON. SCI. TECHNOL. 11(7): 714-719;  
CORRECTION 12(4):417 (1978).

DATE: 04/07/04  
CHEMICAL: NaCl

TEST NUMBER: -

DURATION: 48 HOURS  
SPECIES: D. PULEX

RAW DATA:

CONCENTRATION (MG/L)	625.00	1250.00	2500.00	5000.00	*****
NUMBER EXPOSED:	20	20	20	20	20
MORTALITIES:	0	1	11	20	20
SPEARMAN-KARBER TRIM:		0.00%			

SPEARMAN-KARBER ESTIMATES: LC50: 2332.58  
95% LOWER CONFIDENCE: 1971.14  
95% UPPER CONFIDENCE: 2760.30

---

**Appendix IV**  
**U.S. EPA Region I Toxicity Test Summary**

## Toxicity Test Summary Sheet

Facility Name: General Electric Co. Test Start Date: April 07, 2004  
NPDES Permit Number: MA 000 3891 Pipe Number: 001, 005-64T, 005-64G,  
09A, 09B

Test Type	Test Species	Sample Type	Sample Method
<input checked="" type="checkbox"/> Acute	<input type="checkbox"/> Fathead minnow	<input type="checkbox"/> Prechlorinated	<input type="checkbox"/> Grab
<input type="checkbox"/> Chronic	<input type="checkbox"/> Ceriodaphnia	<input type="checkbox"/> Dechlorinated	<input checked="" type="checkbox"/> Composite
<input type="checkbox"/> Modified*	<input checked="" type="checkbox"/> Daphnia pulex	<input type="checkbox"/> Chlorine	<input type="checkbox"/> Flowthru
<input type="checkbox"/> 24-hour Screening	<input type="checkbox"/> Mysid Shrimp	<input type="checkbox"/> Spiked at lab	<input type="checkbox"/> Other
	<input type="checkbox"/> Menidia	<input checked="" type="checkbox"/> Chlorinated on-site	
	<input type="checkbox"/> Sea Urchin	<input type="checkbox"/> Unchlorinated	
	<input type="checkbox"/> Champia		
	<input type="checkbox"/> Selenastrum		
	<input type="checkbox"/> other		

\*Modified (Chronic reporting acute values)

### Dilution Water

- Receiving waters collected at a point upstream of or away from the discharge, free from toxicity or other sources of contamination (Receiving water name: Housatonic River);
- Alternate surface water of known quality and a harness, etc. to generally reflect the characteristics of the receiving water;
- Synthetic water prepared using either Millipore Mill-Q or equivalent deionized water and reagent grade chemicals; or deionized water combined with mineral water; or artificial sea salts mixed with deionized water;
- Deionized water and hypersaline brine; or
- other

Effluent sampling date(s): April 05, 2004 to April 06, 2004

Effluent concentrations tested (in %): 100 75 50 35 15 5  
\*(Permit limit concentration): N/A

Was effluent salinity adjusted? No  
If yes, to what value? N/A ppt  
With sea salts? N/A Hypersaline brine solution? N/A

Actual effluent concentrations tested after salinity adjustment  
(in %): N/A N/A N/A N/A N/A N/A

Reference Toxicant Test Date: April 07, 2004 to April 09, 2004

N/A= not applicable

## Permit Limits & Test Results

### Test Acceptability Criteria

MEAN CONTROL SURVIVAL: 100%      MEAN CONTROL REPRODUCTION: N/A  
 MEAN CONTROL WEIGHT: N/A      MEAN CONTROL CELL COUNT: N/A

Limits		Results	
LC50	<u>N/A</u>	48-hr LC50	<u>&gt;100%</u>
		Upper Value	<u>N/A</u>
		Lower Value	<u>N/A</u>
		Data Analysis Method used:	<u>N/A</u>
A-NOEC	<u>N/A</u>	A-NOEC	<u>100%</u>
C-NOEC	<u>N/A</u>	C-NOEC	<u>N/A</u>
		LOEC	<u>N/A</u>
IC25	<u>N/A</u>	IC25	<u>N/A</u>
IC50	<u>N/A</u>	IC50	<u>N/A</u>

N/A = not applicable

## ***Attachment D***

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### ***MDEP Release Notification and Notice of Responsibility Letter - April 9, 2004***



COMMONWEALTH OF MASSACHUSETTS  
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
WESTERN REGIONAL OFFICE

436 Dwight Street • Springfield, Massachusetts 01103 • (413) 784-1100

MITT ROMNEY  
Governor

KERRY HEALEY  
Lieutenant Governor

ELLEN ROY HERZFELDER  
Secretary

ROBERT W. GOLLEDGE, Jr.  
Commissioner

April 9, 2004

APR 12 2004

URGENT LEGAL MATTER: PROMPT ACTION NECESSARY  
CERTIFIED MAIL

URGENT  
MAY 11 2004

General Electric Corporation  
100 Woodlawn Avenue  
Pittsfield, MA 01201

Attention: John Novotny

Re: Pittsfield  
100 Woodlawn Avenue  
Building #43  
RTN: 1-15251  
**RELEASE NOTIFICATION and  
NOTICE OF RESPONSIBILITY;**  
M.G.L. c. 21E, 310 CMR 40.0000

Dear Mr. Novotny:

On April 7, 2004, at 10:10 A.M., you provided notification to the Massachusetts Department of Environmental Protection (the "Department") of a threat of release of hydraulic fluid at the subject location. During the decommissioning of an elevator in Building #43, several feet of hydraulic fluid were observed in the space between the hydraulic piston and the interior wall of the steel casing of the elevator. In addition to oral notification, 310 CMR 40.0333 further requires that a completed Release Notification Form (RNF) be submitted to the Department within 60 calendar days of the date of the oral notification.

The Department has reason to believe that you (as used in this letter, "you" refers to General Electric Corporation) are a potentially responsible party (PRP) with liability under Section 5(a) of M.G.L. c. 21E. This liability is "strict"; meaning that it is not based on fault, but solely on your status as owner, operator, generator, transporter, disposer or other person specified in said Section 5(a). This liability is also "joint and several", meaning that you are liable for all response costs incurred at a disposal site even if there are other liable parties.

This information is available in alternate format. Call Debra Doherty, ADA Coordinator at 617-292-5565. TDD Service - 1-800-298-2207.

DEP on the World Wide Web: <http://www.mass.gov/dep>

Printed on Recycled Paper

100 Woodlawn Avenue, Pittsfield, Massachusetts  
Notice of Responsibility  
RTN 1-15251  
Page 2

The Department encourages PRPs to take prompt and appropriate actions in response to releases and threats of release of oil and/or hazardous materials. By taking the necessary response actions, you may significantly lower your assessment and cleanup costs and/or avoid liability for costs incurred by the Department in taking such actions. You may also avoid or reduce certain permit or annual compliance fees payable under 310 CMR 4.00. Please refer to M.G.L. c. 21E for a complete description of potential liability. For your convenience, a summary of liability under M.G.L. c. 21E is attached.

You should be aware that you may have claims against third parties for damages, including claims for contribution or reimbursement for the costs of cleanup. Such claims do not exist indefinitely but are governed by laws which establish the time allowed for bringing litigation. The Department encourages you to take any actions necessary to protect any such claims you may have against third parties.

At the time of oral notification, no Immediate response actions were approved by the Department: The IRA consists of assessment activities only at this time.

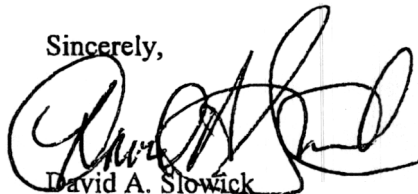
Specific approval is required from the Department for the implementation of an IRA with the exception of assessment activities, the construction of a fence and/or posting of signs. Additional submittals are necessary with regard to this notification including, but not limited to, the filing of an IRA Completion Statement and/or Response Action Outcome (RAO) statement. The MCP requires that a fee of \$1200.00 be submitted to the Department when an RAO Statement is filed greater than 120 days from the date of initial notification.

Unless otherwise provided by the Department, responsible parties have one year from the initial date notice of a release or threat of release is provided to the Department pursuant to 310 CMR 40.0300 or from the date the Department issues a Notice of Responsibility, whichever occurs earlier, to file with the Department one of the following submittals: (1) a completed Tier Classification Submittal; or (2) a RAO Statement; or (3) a Downgradient Property Status Submittal. The one-year anniversary date for this release is April 7, 2005.

It is important to note that you must dispose of any Remediation Waste generated at the subject location in accordance with 310 CMR 40.0030 including, without limitation, contaminated soil and/or debris. Any Bill of Lading accompanying such waste must bear the seal and signature of a Licensed Site Professional (LSP). You may contact the LSP Board of Registration at 617/556-1091 to obtain the current LSP list. The LSP-of-Record for this release is Jim Nuss of Blasland, Bouck, and Lee Inc.

If you have any questions relative to this notice, you should contact John S. Bourcier at the above letterhead address or by telephone at 413-755-2112. All future communications regarding this release must reference the Release Tracking Number (RTN) contained in the subject block of this letter.

Sincerely,



David A. Slowick  
Section Chief  
Emergency Response



100 Woodlawn Avenue, Pittsfield, Massachusetts  
Notice of Responsibility  
RTN 1-15251  
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Certified Mail No. 7003 2260 0006 8596 7889

cc: Pittsfield  
Mayor's Office  
Health Department  
Fire Department  
Nicholas Smith-Blasland, Bouck, and Lee Inc.  
Susan Steenstrup-Special Projects Section,DEP

Enclosures: Release Notification Form; BWSC-003 and Instructions  
Summary of Liability under M.G.L. c. 21E