GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

Transmitted via Overnight Courier

April 8, 2005

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

Ms. Susan Steenstrup
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 March 2005 (GECD900)

Dear Mr. Tagliaferro and Ms. Steenstrup:

Enclosed are copies of General Electric's (GE's) monthly progress report for March 2005 activities conducted by GE at the GE-Pittsfield/Housatonic River Site. This monthly report is submitted pursuant to Paragraph 67 of the Consent Decree (CD) for this Site, which was entered by the U.S. District Court on October 27, 2000.

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

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

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

Sincerely,

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

Enclosure
V:\GE_Pittsfield_General\Reports and Presentations\Monthly Reports\2005\03-05 CD Monthly\Letter-JRB.doc

cc: Robert Cianciarulo, EPA (cover letter only)
Tim Conway, EPA (cover letter only)
James DiLorenzo, EPA
William Lovely, EPA (Items 7, 8, 9, 10, 11, 12, 16/17, 22, 23, and 25 only)
Rose Howell, EPA (cover letter only)
Holly Inglis, EPA (hard copy and CD-ROM of report)
Susan Svirsky, EPA (Items 7, 15, and 20 only)
K.C. Mitkevicius, USACE (CD-ROM of report)
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, 14, and 15 only)
Dale Young, MA EOEA
Mayor James Ruberto, City of Pittsfield
Thomas Hickey, Director, Pittsfield Economic Development Authority
Linda Palmieri, Weston (hard copy of report, CD-ROM of report, CD-ROM of data)
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, Goodwin Procter
Jim Rhea, QEA (narrative only)
Teresa Bowers, Gradient
Public Information Repositories (1 hard copy, 5 copies of CD-ROM)
GE Internal Repository (1 hard copy)

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

MARCH 2005

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)
MARCH 2005

a. Activities Undertaken/Completed

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

- Executed agreement to Third Modification of Consent Decree (March 16, 2005). The United States subsequently filed a motion, agreed to by all parties, with the District Court in the CD case to modify the CD to reflect this Third Modification (March 29, 2005).*

- Attended public hearing on draft revised NPDES Permit (March 23, 2005).

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 February 1 through February 28, 2005, 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 March 2005)* was prepared for GE by SGS Environmental Services, Inc. (SGS). A copy of that report is provided in Attachment C.

c. Work Plans/Reports/Documents Submitted

Submitted comments on draft revised NPDES Permit (March 25, 2005).

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

- Continue NPDES sampling and monitoring activities.

- Attend public, Citizens Coordinating Council (CCC), and Pittsfield Economic Development Authority (PEDA) meetings as appropriate.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

Received comments from EPA on Northeast Analytical (NEA) and SGS Environmental Services (SGS) Standard Operating Procedures (SOPs) for PCB analysis using Method 8082 for NPDES monitoring (March 9, 2005).

ITEM 1
PLANT AREA
20s, 30s, 40s COMPLEXES
(GECD120)
MARCH 2005

a. Activities Undertaken/Completed

- Received word from Berkshire Gas Company that it will agree to execute subordination agreements for its easements at the 20s and 30s Complexes, subordinating its interests to the Grants of Environmental Restrictions and Easements (EREs) for those complexes.*

- Continued pre-demolition activities at Buildings 42, 43/43-A, and 44.

- Continued oil monitoring in Building 43 elevator shaft; no recoverable quantities were encountered (see Item 21.a).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

- Submitted copy of notice of EREs for the 20s and 30s Complexes, published in *Berkshire Eagle* on March 1, 2005, to EPA and MDEP (March 1, 2005).*

- Submitted Final Completion Reports for 20s and 30s Complexes (including Post-Removal Site Control Plans) (March 18, 2005).*

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

- Continue pre-demolition activities (including asbestos abatement) at Buildings 42, 43/43-A, and 44.

- Execute agreement with Berkshire Gas Company regarding subordination agreements for EREs.*

- Complete transfer of 20s and 30s Complexes to PEDA.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Issues relating to use of building demolition debris from 40s Complex as grading/fill material within that complex are under discussion with EPA.

f. Proposed/Approved Work Plan Modifications

Received EPA approval letters for the 20s and 30s Complexes Final Completion Reports, as well as Certificates of Completion for the 20s and 30s Complexes Removal Actions (March 24, 2005).*

ITEM 2
PLANT AREA
EAST STREET AREA 2-SOUTH
(GECD150)
MARCH 2005

a. Activities Undertaken/Completed

- Performed sludge sampling at Building 64T, Liquid Phase Carbon Absorption (LPCA) sampling at Building 64G, and sampling of oil from this area (stored in drums at Building 78), all as identified in Table 2-1.

- Completed closure of Outfalls P1, T2, and T3 and Yard Drains 4 and 5; eliminated stormwater discharges from Stormwater Relief Outfalls SRO-2 and SRO-3 as part of ongoing facilities stormwater infrastructure management/enhancements.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine process sampling at Buildings 64G and/or 64T.

- Complete restoration activities at the 60s Complex (weather permitting).

- Initiate additional sampling activities proposed in Interim Letter Report (submitted October 22, 2004) following EPA approval.*

- Develop Final Completion Report for City Recreational Area.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 2-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Building 78 Oil Drum Sampling	BLD-66-COMP-1	3/30/05	Oil	SGS	PCB, VOC, SVOC, Metals	
Building 64G LPCA Monitoring	CS-64G-01	3/8/05	Water	SGS	VOC	3/23/05
Building 64G LPCA Monitoring	CS-64G-02	3/8/05	Water	SGS	SVOC	3/23/05
Building 64G LPCA Monitoring	CS-64G-03	3/8/05	Water	SGS	PCB	3/23/05
Building 64G LPCA Monitoring	CS-64G-04	3/8/05	Water	SGS	Oil & Grease	3/23/05
Building 64G LPCA Monitoring	CS-64G-05	3/8/05	Water	SGS	VOC	3/23/05
Building 64G LPCA Monitoring	CS-64G-06	3/8/05	Water	SGS	SVOC	3/23/05
Building 64G LPCA Monitoring	CS-64G-07	3/8/05	Water	SGS	PCB	3/23/05
Building 64G LPCA Monitoring	CS-64G-08	3/8/05	Water	SGS	Oil & Grease	3/23/05
Building 64G LPCA Monitoring	CS-64G-09	3/8/05	Water	SGS	VOC	3/23/05
Building 64G LPCA Monitoring	CS-64G-10	3/8/05	Water	SGS	SVOC	3/23/05
Building 64G LPCA Monitoring	CS-64G-11	3/8/05	Water	SGS	PCB	3/23/05
Building 64G LPCA Monitoring	CS-64G-12	3/8/05	Water	SGS	Oil & Grease	3/23/05
Building 64G LPCA Monitoring	CS-64G-13	3/8/05	Water	SGS	VOC	3/23/05
Building 64G LPCA Monitoring	CS-64G-14	3/8/05	Water	SGS	SVOC	3/23/05
Building 64G LPCA Monitoring	CS-64G-15	3/8/05	Water	SGS	PCB	3/23/05
Building 64G LPCA Monitoring	CS-64G-16	3/8/05	Water	SGS	Oil & Grease	3/23/05
Building 64T Sludge Sampling	C5-64T-01	3/1/05	Sludge	SGS	PCB	3/10/05

TABLE 2-2
PCB DATA RECEIVED DURING MARCH 2005

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

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
C5-64T-01	3/1/2005	ND(12)	210	120	330

Notes:

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

TABLE 2-3
DATA RECEIVED DURING MARCH 2005

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

Parameter / Sample ID: / Date Collected:	CS-64G-01 03/08/05	CS-64G-02 03/08/05	CS-64G-03 03/08/05	CS-64G-04 03/08/05	CS-64G-05 03/08/05	CS-64G-06 03/08/05	CS-64G-07 03/08/05	CS-64G-08 03/08/05
Volatile Organics								
1,1,1-Trichloroethane	ND(0.0050)	NA	NA	NA	0.0035 J	NA	NA	NA
Benzene	0.051	NA	NA	NA	ND(0.0050)	NA	NA	NA
Chlorobenzene	0.20	NA	NA	NA	0.0044 J	NA	NA	NA
Ethylbenzene	0.049	NA	NA	NA	ND(0.0050)	NA	NA	NA
PCBs-Unfiltered								
Aroclor-1254	NA	NA	0.000096	NA	NA	NA	ND(0.000065)	NA
Total PCBs	NA	NA	0.000096	NA	NA	NA	ND(0.000065)	NA
Semivolatile Organics								
1,2,4-Trichlorobenzene	NA	0.0027 J	NA	NA	NA	ND(0.010)	NA	NA
1,3-Dichlorobenzene	NA	0.0039 J	NA	NA	NA	ND(0.010)	NA	NA
1,4-Dichlorobenzene	NA	0.0071 J	NA	NA	NA	ND(0.010)	NA	NA
Acenaphthene	NA	0.030	NA	NA	NA	ND(0.010)	NA	NA
Acenaphthylene	NA	0.0012 J	NA	NA	NA	ND(0.010)	NA	NA
Anthracene	NA	0.0012 J	NA	NA	NA	ND(0.010)	NA	NA
Fluoranthene	NA	0.0012 J	NA	NA	NA	ND(0.010)	NA	NA
Fluorene	NA	0.0060 J	NA	NA	NA	ND(0.010)	NA	NA
Naphthalene	NA	0.034	NA	NA	NA	0.0013 J	NA	NA
Pyrene	NA	0.0014 J	NA	NA	NA	ND(0.010)	NA	NA
Conventionals								
Oil & Grease	NA	NA	NA	ND(5.0)	NA	NA	NA	ND(5.0)

TABLE 2-3
DATA RECEIVED DURING MARCH 2005

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

Parameter / Sample ID: / Date Collected:	CS-64G-09 03/08/05	CS-64G-10 03/08/05	CS-64G-11 03/08/05	CS-64G-12 03/08/05	CS-64G-13 03/08/05	CS-64G-14 03/08/05	CS-64G-15 03/08/05	CS-64G-16 03/08/05
Volatile Organics								
1,1,1-Trichloroethane	0.0033 J	NA	NA	NA	0.0028 J	NA	NA	NA
Benzene	ND(0.0050)	NA	NA	NA	ND(0.0050)	NA	NA	NA
Chlorobenzene	ND(0.0050)	NA	NA	NA	ND(0.0050)	NA	NA	NA
Ethylbenzene	ND(0.0050)	NA	NA	NA	ND(0.0050)	NA	NA	NA
PCBs-Unfiltered								
Aroclor-1254	NA	NA	ND(0.000065)	NA	NA	NA	ND(0.000065)	NA
Total PCBs	NA	NA	ND(0.000065)	NA	NA	NA	ND(0.000065)	NA
Semivolatile Organics								
1,2,4-Trichlorobenzene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
1,3-Dichlorobenzene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
1,4-Dichlorobenzene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
Acenaphthene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
Acenaphthylene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
Anthracene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
Fluoranthene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
Fluorene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
Naphthalene	NA	ND(0.010)	NA	NA	NA	0.0011 J	NA	NA
Pyrene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
Conventionals								
Oil & Grease	NA	NA	NA	ND(5.0)	NA	NA	NA	2.2 B

Notes:

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

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles)

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

Conventional Parameters

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

ITEM 3
PLANT AREA
EAST STREET AREA 2-NORTH
(GECD140)
MARCH 2005

a. Activities Undertaken/Completed

- Continued preparation of Conceptual Removal Design/Removal Action (RD/RA) Work Plan.*
- Completed boundary survey.*
- Conducted kickoff meeting for equipment draining and dismantling activities at Buildings 1, 2, and 3 (March 29, 2005).
- Conducted pre-mobilization activities for Buildings 4, 5, and 6 Demolition and Site Restoration Program (i.e., Contractor submittal review and pre-construction kickoff meeting on March 30, 2005).
- Completed closure of Outfall 007 and Yard Drain 15.
- Awarded contract for the cut-up and off-site disposal of select equipment located in Building 15, and initiated on-site activities relating to Building 15 on March 28, 2005, including performance of sampling, as identified in Table 3-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Complete development of Conceptual RD/RA Work Plan (due by April 19, 2005).*
- Mobilize to the Buildings 4, 5, and 6 demolition site.
- Initiate pre-demolition activities for the Buildings 4, 5, and 6 Demolition and Site Restoration Program (including site preparation, equipment/materials removal, and removal of asbestos-containing materials).
- Complete cut-up and off-site disposal of select equipment located in Building 15.
- Conduct equipment draining and dismantling activities at Buildings 1, 2, and 3.

ITEM 3
(cont'd)
PLANT AREA
EAST STREET AREA 2-NORTH
(GECD140)
MARCH 2005

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

Received EPA approval of GE's February 15, 2005 letter for demolition and disposal activities for Buildings 4, 5, and 6 (March 31, 2005).

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Building. 78 Oil Drum Sampling	BLDG-15-VEH-OIL-1	3/30/05	Oil	SGS	PCB	
Building 15 Re-Sampling of Shear Attachment	KOBELCO-SHEAR-W1-R1	3/31/05	Wipe	SGS	PCB	
Building 15 Re-Sampling of Shear Attachment	KOBELCO-SHEAR-W1-R2	3/31/05	Wipe	SGS	PCB	
Building 15 Re-Sampling of Shear Attachment	KOBELCO-SHEAR-W2-R1	3/31/05	Wipe	SGS	PCB	
Building 15 Re-Sampling of Shear Attachment	KOBELCO-SHEAR-W2-R2	3/31/05	Wipe	SGS	PCB	
Building 15 Re-Sampling of Shear Attachment	KOBELCO-SHEAR-W3-R1	3/31/05	Wipe	SGS	PCB	
Building 15 Re-Sampling of Shear Attachment	KOBELCO-SHEAR-W3-R2	3/31/05	Wipe	SGS	PCB	
Building 15 Shear Equipment Sampling	KOBELCO-SHEAR-W1	3/29/05	Wipe	SGS	PCB	3/31/05
Building 15 Shear Equipment Sampling	KOBELCO-SHEAR-W2	3/29/05	Wipe	SGS	PCB	3/31/05
Building 15 Shear Equipment Sampling	KOBELCO-SHEAR-W3	3/29/05	Wipe	SGS	PCB	3/31/05

TABLE 3-2
PCB DATA RECEIVED DURING MARCH 2005

BUILDING 15 SHEAR EQUIPMENT SAMPLING
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in µg/100cm^2)

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
KOBELCO-SHEAR-W1	3/29/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	28	4.2	32.2
KOBELCO-SHEAR-W2	3/29/2005	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	24	3.5	27.5
KOBELCO-SHEAR-W3	3/29/2005	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	54	ND(4.0)	54

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

ITEM 4
PLANT AREA
EAST STREET AREA 1-NORTH
(GECD130)
MARCH 2005

*** 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)

- Develop Final Completion Report.
- Submit notices to holders of encumbrances on Parcel K11-1-15 that a Conditional Solution was implemented at the portion of that property within East Street Area 1-North.
- Revise ERE and associated plans for GE-owned properties following receipt of comments from EPA and MDEP on draft ERE and plans.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 5
PLANT AREA
HILL 78 & BUILDING 71 CONSOLIDATION AREAS
(GECD210/220)
MARCH 2005

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

a. Activities Undertaken/Completed

Continued transfer of leachate from Building 71 On-Plant Consolidation Area (OPCA) to Building 64G for treatment. The total amount transferred in March 2005 was 174,500 gallons (see Table 5-1).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Continue transfer of building demolition debris from ongoing demolition projects and excavated material from 1½ Mile Reach removal activities to the OPCAs (weather permitting).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2005

Month / Year	Total Volume of Leachate Transferred (Gallons)
March 2004	98,000
April 2004	107,000
May 2004	164,500
June 2004	147,500
July 2004	171,000
August 2004	214,000
September 2004	230,000
October 2004	177,000
November 2004	138,000
December 2004	146,000
January 2005	136,000
February 2005	116,500
March 2005	174,500

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

ITEM 6
PLANT AREA
HILL 78 AREA - REMAINDER
(GECD160)
MARCH 2005

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

a. Activities Undertaken/Completed

Initiated compilation of pre-design investigation analytical results.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Assess pre-design investigation soil sampling data.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

At a technical meeting on February 15, 2005, EPA, MDEP, and GE agreed that GE will include an assessment of City of Pittsfield storm drains and sewer lines that extend beneath Hill 78 in the Pre-Design Investigation Report for this RAA, which is due in September 2005.

ITEM 7
PLANT AREA
UNKAMET BROOK AREA
(GECD170)
MARCH 2005

a. Activities Undertaken/Completed

- Completed pre-design soil sampling, except for samples associated with "unresolved issues" listed below under section e.*

- Notified MDEP of Potential Imminent Hazards (PIHs) (as defined in the MCP) as listed below:

  - Parcel L11-4-112 at locations RAA10-E-LL10 (March 17, 2005); RAA10-E-FF12 and RAA10-E-GG12 (March 18, 2005); RAA10-E-MM11 (March 22, 2005); and RAA10-E-GG11 (March 23, 2005).
  - Parcel L11-4-213 at locations RAA10-E-LL8 (March 4, 2005) and RAA10-E-MM8 (March 11, 2005).
  - Parcel L12-1-3 at locations RAA10-E-HH7 (March 11, 2005) and RAA10-E-II8 and RAA10-E-JJ8 (March 17, 2005).
  - Parcel L12-1-4 at locations RAA10-E-DD8 and RAA10-E-EE10 (March 4, 2005); RAA10-E-EE11, RAA10-E-FF11, and RAA10-E-GG11 (March 18, 2005); and RAA10-E-HH11 (March 22, 2005).

- Completed closure of Outfall 09A.

- Initiated pre-demolition preparation of GE Advanced Materials Plant Site 1 buildings, including collection of samples (see Table 7-1).

- Collected and tankered approximately 3,000 gallons of water from a water main excavation at OP-3 to Building 64G for treatment.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted *Final Notification of On-Plant Excavations* covering five minor excavations to facilitate utility cutting and capping as GE Advanced Materials prepares to demolish the above-grade portion of several buildings (March 4, 2005).

- Submitted *Final Notification of On-Plant Excavations* covering six major excavations to be performed by General Dynamics to facilitate the installation of a new boiler building and its associated utilities (March 25, 2005).

ITEM 7
(cont'd)
PLANT AREA
UNKAMET BROOK AREA
(GECD170)
MARCH 2005

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

- Complete pre-design investigation sampling (i.e., samples associated with "unresolved issues" listed below under Item 7.e).*

- Continue pre-demolition preparation of GE Advanced Materials Plant Site 1 buildings.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- Refusal was encountered at 1 foot below ground surface at nine locations anticipated to be borings extending to 15 feet in the vicinity of the Unkamet Brook portion flowing through Parcel L11-4-11. GE, with EPA oversight, is attempting alternative sampling procedures to attempt to advance those borings as anticipated.*

- Soil samples have not been collected from five surface locations and one boring location at Parcel L12-1-2 because the location of the newly constructed Pittsfield Xtra Mart has obstructed access and created safety concerns due to installed product lines that are in close proximity to the proposed soil sample locations. GE and EPA are discussing alternatives to collecting those samples.*

f. Proposed/Approved Work Plan Modifications

Received verbal approval from EPA regarding the excavation of soils for the anticipated water line cut and cap located adjacent to Building OP-3 (March 7, 2005). This excavation is part of the General Dynamics installation of a new boiler building and is summarized in the previously referenced March 25, 2005 letter.

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
GE Advance Materials Site 1	108-1-1-OIL-1	3/31/05	NA	Oil	SGS	PCB	
GE Advance Materials Site 1	109-1-1-OIL-1	3/31/05	NA	Oil	SGS	PCB	
GE Advance Materials Site 1	109-1-2-OIL-1	3/31/05	NA	Oil	SGS	PCB	
GE Advance Materials Site 1	110-2-1-OIL-1	3/31/05	NA	Oil	SGS	PCB	
GE Advance Materials Site 1	110-2-2-OIL-1	3/31/05	NA	Oil	SGS	PCB	
GE Advance Materials Site 1	112-1-1-OIL-1	3/31/05	NA	Oil	SGS	PCB	
GE Advance Materials Site 1	112-1-2-OIL-1	3/31/05	NA	Oil	SGS	PCB	
GE Advance Materials Site 1	113-1-1-OIL-1	3/31/05	NA	Oil	SGS	PCB	
GE Advance Materials Site 1	113-1-2-OIL-1	3/31/05	NA	Oil	SGS	PCB	
GE Advance Materials Site 1	113-1-3-OIL-1	3/31/05	NA	Oil	SGS	PCB	
GE Advance Materials Site 1	113-1-4-OIL-1	3/31/05	NA	Oil	SGS	PCB	
GE Advance Materials Site 1	114-1-1-OIL-1	3/31/05	NA	Oil	SGS	PCB	
GE Advance Materials Site 1	114-1-17-GLYCOL-1	3/31/05	NA	Glycol	SGS	PCB	
GE Advance Materials Site 1	114-1-2-OIL-1	3/31/05	NA	Oil	SGS	PCB	
GE Advance Materials Site 1	114-1-3-OIL-1	3/31/05	NA	Oil	SGS	PCB	
GE Advance Materials Site 1	114-1-4-OIL-1	3/31/05	NA	Oil	SGS	PCB	
GE Advance Materials Site 1	114-3-1-OIL-1	3/31/05	NA	Oil	SGS	PCB	
GE Advance Materials Site 1	114-F1160-OIL-1	3/31/05	NA	Oil	SGS	PCB	
GE Advance Materials Site 1	114-F1796-OIL-1	3/31/05	NA	Oil	SGS	PCB	
GE Advanced Materials Site 1	109-1B-Glycol-1	3/25/05	NA	Water	SGS	PCB	3/31/05
GE Advanced Materials Site 1	110-1A-Glycol-1	3/25/05	NA	Water	SGS	PCB	3/31/05
GE Advanced Materials Site 1	110-1F-Glycol-1	3/25/05	NA	Water	SGS	PCB	3/31/05
GE Advanced Materials Site 1	110-1G-Glycol-1	3/25/05	NA	Water	SGS	PCB	3/31/05
GE Advanced Materials Site 1	114-1E-Glycol-1	3/25/05	NA	Water	SGS	PCB	3/31/05
GE Advanced Materials Site 1	Glycol-DUP-1 (110-1G-Glycol-1)	3/25/05	NA	Water	SGS	PCB	3/31/05
Pre-Design Soil Investigation Sampling	RAA10-DUP-127 (RAA10-E-FF6)	2/15/05	0-1	Soil	SGS	PCB	3/10/05
Pre-Design Soil Investigation Sampling	RAA10-DUP-128 (RAA10-E-DD12)	2/16/05	0-1	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-DUP-129 (RAA10-E-FF2)	2/16/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-DUP-130 (RAA10-E-FF2)	2/16/05	8-10	Soil	SGS	VOC	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-DUP-133 (RAA10-E-GG13)	2/22/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/22/05
Pre-Design Soil Investigation Sampling	RAA10-DUP-134 (RAA10-E-EE11)	2/23/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-DUP-135 (RAA10-E-S14)	2/24/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-DUP-136 (RAA10-E-AA7)	2/25/05	0-1	Soil	SGS	PCB	3/21/05
Pre-Design Soil Investigation Sampling	RAA10-DUP-137 (RAA10-N-O18)	3/4/05	0-1	Soil	SGS	VOC	3/31/05
Pre-Design Soil Investigation Sampling	RAA10-DUP-138 (RAA10-N-O18)	3/4/05	0-1	Soil	SGS	SVOC, Inorganics	3/31/05
Pre-Design Soil Investigation Sampling	RAA10-DUP-139 (RAA10-E-II13)	3/10/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-DUP-140 (RAA10-N-C24)	3/15/05	3-6	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-DUP-141 (RAA10-N-K28)	3/17/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-AA10	2/25/05	0-1	Soil	SGS	PCB	3/21/05
Pre-Design Soil Investigation Sampling	RAA10-E-AA13	2/23/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-AA14	2/22/05	0-1	Soil	SGS	PCB	3/22/05
Pre-Design Soil Investigation Sampling	RAA10-E-AA7	2/25/05	0-1	Soil	SGS	PCB	3/21/05
Pre-Design Soil Investigation Sampling	RAA10-E-BB11	2/25/05	0-1	Soil	SGS	PCB	3/21/05
Pre-Design Soil Investigation Sampling	RAA10-E-BB13	2/23/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-BB14	2/22/05	0-1	Soil	SGS	PCB	3/22/05

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

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-E-BB14	2/22/05	1-3	Soil	SGS	PCB	3/22/05
Pre-Design Soil Investigation Sampling	RAA10-E-BB14	2/22/05	3-6	Soil	SGS	PCB	3/22/05
Pre-Design Soil Investigation Sampling	RAA10-E-BB14	2/22/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	3/22/05
Pre-Design Soil Investigation Sampling	RAA10-E-BB14	2/22/05	8-10	Soil	SGS	VOC	3/22/05
Pre-Design Soil Investigation Sampling	RAA10-E-BB5	2/17/05	0-1	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-CC11	2/23/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-CC14	2/22/05	0-1	Soil	SGS	PCB	3/22/05
Pre-Design Soil Investigation Sampling	RAA10-E-CC9	2/25/05	0-1	Soil	SGS	PCB	3/21/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD10	2/9/05	3-6	Soil	SGS	PCB	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD10	2/9/05	6-15	Soil	SGS	PCB	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD10	2/9/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD10	2/9/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD11	2/24/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD12	2/16/05	0-1	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD12	2/16/05	1-3	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD12	2/16/05	3-6	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD13	2/23/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD14	2/22/05	1-3	Soil	SGS	PCB	3/22/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD14	2/22/05	3-6	Soil	SGS	PCB	3/22/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD14	2/22/05	6-15	Soil	SGS	PCB	3/22/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD14	2/22/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/22/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD4	2/15/05	0-1	Soil	SGS	PCB	3/10/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD4	2/15/05	1-3	Soil	SGS	PCB	3/10/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD4	2/15/05	3-6	Soil	SGS	PCB	3/10/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD4	2/15/05	6-15	Soil	SGS	PCB	3/10/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD6	2/15/05	0-1	Soil	SGS	PCB	3/10/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD6	2/15/05	3-6	Soil	SGS	PCB	3/10/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD6	2/15/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	3/10/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD6	2/15/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/10/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD6	2/15/05	6-8	Soil	SGS	VOC	3/10/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD8	2/9/05	1-3	Soil	SGS	PCB	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD8	2/9/05	3-6	Soil	SGS	PCB	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD8	2/9/05	6-15	Soil	SGS	PCB	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD8	2/9/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-DD9	2/9/05	0-1	Soil	SGS	PCB	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-DUP-126 (RAA10-E-II10)	2/10/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-DUP-131 (RAA10-E-LL7)	2/18/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-EE10	2/9/05	0-1	Soil	SGS	PCB	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-EE11	2/23/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-EE12	2/23/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-EE3	2/17/05	0-1	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-EE4	2/16/05	1-3	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-EE4	2/16/05	3-6	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-EE4	2/16/05	6-15	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-EE4	2/16/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/17/05

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

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-E-EE5	2/17/05	0-1	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-EE9	2/9/05	0-1	Soil	SGS	PCB	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF10	2/9/05	1-3	Soil	SGS	PCB	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF10	2/9/05	3-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF10	2/9/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF10	2/9/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF10	2/9/05	13-15	Soil	SGS	VOC	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF10	2/9/05	4-6	Soil	SGS	VOC	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF11	2/23/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF12	2/23/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF12	2/23/05	1-3	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF12	2/23/05	3-6	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF12	2/23/05	6-15	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF2	2/16/05	0-1	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF2	2/16/05	1-3	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF2	2/16/05	3-6	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF2	2/16/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF2	2/16/05	8-10	Soil	SGS	VOC	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF3	2/17/05	0-1	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF4	2/15/05	0-1	Soil	SGS	PCB	3/10/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF4	2/15/05	3-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	3/10/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF4	2/15/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	3/10/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF4	2/15/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/10/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF4	2/15/05	4-6	Soil	SGS	VOC	3/10/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF4	2/15/05	8-10	Soil	SGS	VOC	3/10/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF5	2/17/05	0-1	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF6	2/15/05	0-1	Soil	SGS	PCB	3/10/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF6	2/15/05	1-3	Soil	SGS	PCB	3/10/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF6	2/15/05	3-6	Soil	SGS	PCB	3/10/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF6	2/15/05	6-15	Soil	SGS	PCB	3/10/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF7	2/9/05	0-1	Soil	SGS	PCB	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF8	2/16/05	0-1	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF8	2/16/05	1-3	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF8	2/16/05	6-15	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF8	2/16/05	3-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF8	2/16/05	3-5	Soil	SGS	VOC	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-FF9	2/10/05	0-1	Soil	SGS	PCB	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-GG1	2/17/05	0-1	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-GG10	2/10/05	0-1	Soil	SGS	PCB	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-GG11	2/23/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-GG12	2/23/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-GG13	2/22/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/22/05
Pre-Design Soil Investigation Sampling	RAA10-E-GG5	2/18/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-GG6	2/18/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-GG7	2/18/05	0-1	Soil	SGS	PCB	3/18/05

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

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-E-GG8	2/18/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-GG9	2/9/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH10	2/10/05	0-1	Soil	SGS	PCB	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH10	2/10/05	1-3	Soil	SGS	PCB	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH10	2/10/05	3-6	Soil	SGS	PCB	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH10	2/10/05	6-15	Soil	SGS	PCB	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH11	2/24/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH11	2/24/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH11	2/24/05	4-6	Soil	SGS	VOC	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH4	2/17/05	0-1	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH4	2/17/05	6-15	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH4	2/17/05	3-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH4	2/17/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH4	2/17/05	4-6	Soil	SGS	VOC	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH5	2/17/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH6	2/17/05	0-1	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH6	2/17/05	3-6	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH6	2/17/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH6	2/17/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH6	2/17/05	12-14	Soil	SGS	VOC	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH7	2/18/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH9	2/10/05	0-1	Soil	SGS	PCB	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH99	2/17/05	1-3	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH99	2/17/05	3-6	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH99	2/17/05	6-15	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH99	2/17/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-II10	2/10/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-II11	2/24/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-II13	3/10/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-II4	2/17/05	0-1	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-II5	2/17/05	0-1	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-II6	2/17/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-II7	2/18/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-II8	2/17/05	0-1	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ10	2/10/05	0-1	Soil	SGS	PCB	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ10	2/10/05	1-3	Soil	SGS	PCB	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ10	2/10/05	3-6	Soil	SGS	PCB	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ10	2/10/05	6-15	Soil	SGS	PCB	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ11	2/21/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/11/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ12	2/21/05	0-1	Soil	SGS	PCB	3/16/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ12	2/21/05	1-3	Soil	SGS	PCB	3/16/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ12	2/21/05	3-6	Soil	SGS	PCB	3/16/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ12	2/21/05	6-15	Soil	SGS	PCB	3/16/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ13	3/10/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-JJ14	3/8/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

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-E-JJ16	3/8/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-JJ5	2/17/05	0-1	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ6	2/17/05	0-1	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ6	2/17/05	1-3	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ6	2/17/05	3-6	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ6	2/17/05	6-15	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ7	2/18/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ8	2/11/05	0-1	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ8	2/11/05	1-3	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ8	2/11/05	6-15	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ8	2/11/05	3-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ8	2/11/05	4-6	Soil	SGS	VOC	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ9	2/18/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-KK10	2/10/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-KK12	2/21/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-KK13	3/10/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-KK14	3/10/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-KK6	2/11/05	0-1	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-KK7	2/11/05	0-1	Soil	SGS	PCB	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-KK8	2/11/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-KK9	2/10/05	0-1	Soil	SGS	PCB	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-KKLL19.5	3/31/05	3-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-KKLL19.5	3/31/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-KKLL19.5	3/31/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-KKLL19.5	3/31/05	4-6	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-KKLL19.5	3/31/05	8-10	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-LL10	2/11/05	3-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL10	2/11/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL10	2/11/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL10	2/11/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL10	2/11/05	12-14	Soil	SGS	VOC	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL10	2/11/05	4-6	Soil	SGS	VOC	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL16	3/8/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-LL18	3/8/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-LL7	2/18/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL8	2/10/05	0-1	Soil	SGS	PCB	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL8	2/10/05	3-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL8	2/10/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL8	2/10/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL8	2/10/05	12-14	Soil	SGS	VOC	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL8	2/10/05	4-6	Soil	SGS	VOC	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL9	2/10/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL9	2/10/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL9	2/10/05	6-15	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL9	2/10/05	12-14	Soil	SGS	VOC	3/3/05

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

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-E-LL9	2/10/05	4-6	Soil	SGS	VOC	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL9	2/10/05	1-3	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	3/3/05
Pre-Design Soil Investigation Sampling	RAA10-E-MM10	2/21/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-MM11	2/21/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-MM16	3/15/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-MM8	2/18/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-MM9	2/11/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/17/05
Pre-Design Soil Investigation Sampling	RAA10-E-NN11	2/22/05	0-1	Soil	SGS	PCB	3/22/05
Pre-Design Soil Investigation Sampling	RAA10-E-NN18	3/10/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-NN19	3/10/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-NN20	3/11/05	0-1	Soil	SGS	PCB	3/16/05
Pre-Design Soil Investigation Sampling	RAA10-E-NN20	3/11/05	1-3	Soil	SGS	PCB	3/16/05
Pre-Design Soil Investigation Sampling	RAA10-E-NN20	3/11/05	3-6	Soil	SGS	PCB	3/16/05
Pre-Design Soil Investigation Sampling	RAA10-E-NN20	3/11/05	6-15	Soil	SGS	PCB	3/16/05
Pre-Design Soil Investigation Sampling	RAA10-E-NN9	2/18/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-O14	2/24/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-O17	2/24/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-P14	2/24/05	1-3	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-P14	2/24/05	3-6	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-P14	2/24/05	6-15	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-P14	2/24/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-PP22	3/8/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-PP24	3/8/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-Q14	2/24/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-QQ27	3/10/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-R14	2/24/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-R14	2/24/05	1-3	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-R14	2/24/05	3-6	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-R14	2/24/05	6-15	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-RR24	3/8/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-S13	2/24/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-S14	2/24/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-T14	2/24/05	1-3	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-T14	2/24/05	3-6	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-T14	2/24/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-T14	2/24/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-T14	2/24/05	12-14	Soil	SGS	VOC	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-T15	2/24/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-U14	2/24/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-V14	2/23/05	1-3	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-V14	2/23/05	3-6	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-V14	2/23/05	6-15	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-V14	2/23/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-VV22	3/9/05	3-6	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-VV22	3/9/05	6-15	Soil	SGS	PCB	

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

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-E-VV22	3/9/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-VV22	3/9/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-Y14	2/23/05	0-1	Soil	SGS	PCB	3/18/05
Pre-Design Soil Investigation Sampling	RAA10-E-Y9	2/25/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/21/05
Pre-Design Soil Investigation Sampling	RAA10-E-Z14	2/22/05	6-8	Soil	SGS	PCB	3/22/05
Pre-Design Soil Investigation Sampling	RAA10-E-Z14	2/22/05	3-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	3/22/05
Pre-Design Soil Investigation Sampling	RAA10-E-Z14	2/22/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/22/05
Pre-Design Soil Investigation Sampling	RAA10-E-Z14	2/22/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/22/05
Pre-Design Soil Investigation Sampling	RAA10-E-Z14	2/22/05	4-6	Soil	SGS	VOC	3/22/05
Pre-Design Soil Investigation Sampling	RAA10-N-BB21	2/22/05	0-1	Soil	SGS	PCB	3/2/05
Pre-Design Soil Investigation Sampling	RAA10-N-BB21	2/22/05	1-6	Soil	SGS	PCB	3/2/05
Pre-Design Soil Investigation Sampling	RAA10-N-C24	3/15/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-C24	3/15/05	3-6	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-C24	3/15/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-C24	3/15/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-C28	3/14/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-C28	3/14/05	1-3	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-C28	3/14/05	3-6	Soil	SGS	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-C28	3/14/05	6-15	Soil	SGS	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-C28	3/14/05	4-6	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-N-C28	3/14/05	8-10	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-N-E24	3/15/05	2-3	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-E26	3/14/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-E26	3/14/05	1-3	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-E26	3/14/05	3-6	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-E26	3/14/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-F23	3/16/05	2-3	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-G28	3/16/05	3-6	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-G28	3/16/05	6-15	Soil	SGS	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-G28	3/16/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-G28	3/16/05	8-10	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-N-GG24	3/17/05	3-6	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-GG24	3/17/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-GG24	3/17/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-GG24	3/17/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-I26	3/16/05	1-3	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-I26	3/16/05	3-6	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-I26	3/16/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-JJ19	2/22/05	0-1	Soil	SGS	PCB	3/2/05
Pre-Design Soil Investigation Sampling	RAA10-N-JJ19	2/22/05	1-6	Soil	SGS	PCB	3/2/05
Pre-Design Soil Investigation Sampling	RAA10-N-K28	3/17/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-K28	3/17/05	1-3	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-K28	3/17/05	3-6	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-K28	3/17/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-L17	2/28/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	3/30/05

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

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-M18	3/4/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	3/31/05
Pre-Design Soil Investigation Sampling	RAA10-N-M20	3/4/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	3/31/05
Pre-Design Soil Investigation Sampling	RAA10-N-M9	2/28/05	1-3	Soil	SGS	PCB	3/30/05
Pre-Design Soil Investigation Sampling	RAA10-N-M9	2/28/05	3-6	Soil	SGS	PCB	3/30/05
Pre-Design Soil Investigation Sampling	RAA10-N-O18	3/4/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	3/31/05
Pre-Design Soil Investigation Sampling	RAA10-N-O20	3/3/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-O22	3/3/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-Q20	3/3/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-Q22	3/3/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-S20	3/3/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-S22	3/3/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-U22	3/3/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-W20	3/3/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-X19	2/22/05	0-1	Soil	SGS	PCB	3/2/05
Pre-Design Soil Investigation Sampling	RAA10-N-X19	2/22/05	1-6	Soil	SGS	PCB	3/2/05

Notes:
1. Field duplicate sample locations are presented in parenthesis.

TABLE 7-2
PCB DATA RECEIVED DURING MARCH 2005

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, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA10-E-AA7	0-1	2/25/2005	ND(0.038) [ND(0.037)]	0.35 [ND(0.037)]	0.95 [0.94]	1.3 [0.94]
RAA10-E-AA10	0-1	2/25/2005	ND(0.19)	2.4	2.8	5.2
RAA10-E-AA13	0-1	2/23/2005	ND(0.040)	0.36	0.62	0.98
RAA10-E-AA14	0-1	2/22/2005	ND(0.054)	1.8	1.4	3.2
RAA10-E-BB5	0-1	2/17/2005	ND(0.038)	0.098	0.20	0.298
RAA10-E-BB11	0-1	2/25/2005	ND(0.38)	3.8	1.9	5.7
RAA10-E-BB13	0-1	2/23/2005	ND(0.038)	0.26	0.68	0.94
RAA10-E-BB14	0-1	2/22/2005	ND(0.98)	40	ND(0.98)	40
	1-3	2/22/2005	ND(20)	350	ND(20)	350
	3-6	2/22/2005	ND(22)	280	ND(22)	280
	6-15	2/22/2005	ND(0.049)	0.29	ND(0.049)	0.29
RAA10-E-CC9	0-1	2/25/2005	ND(0.80)	ND(0.80)	14	14
RAA10-E-CC11	0-1	2/23/2005	ND(0.72)	ND(0.72)	9.7	9.7
RAA10-E-CC14	0-1	2/22/2005	ND(0.22)	4.6	1.4	6.0
RAA10-E-DD4	0-1	2/15/2005	ND(0.043)	0.81	1.8	2.61
	1-3	2/15/2005	ND(0.038)	0.39	0.96	1.35
	3-6	2/15/2005	ND(0.038)	0.19	0.23	0.42
	6-15	2/15/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA10-E-DD6	0-1	2/15/2005	ND(0.37)	ND(0.37)	4.1	4.1
	1-3	2/15/2005	ND(0.036)	0.28	0.71	0.99
	3-6	2/15/2005	ND(0.84)	8.5	19	27.5
	6-15	2/15/2005	ND(0.041)	0.051	0.028 J	0.079
RAA10-E-DD8	0-1	2/9/2005	ND(0.72)	ND(0.72)	14	14
	1-3	2/9/2005	ND(0.037)	1.6	0.76	2.36
	3-6	2/9/2005	ND(0.037)	ND(0.037)	0.016 J	0.016 J
	6-15	2/9/2005	ND(0.038)	0.030 J	0.037 J	0.067 J
RAA10-E-DD9	0-1	2/9/2005	ND(0.038)	0.042	0.072	0.114
RAA10-E-DD10	0-1	2/9/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	1-3	2/9/2005	ND(0.042)	ND(0.042)	0.59	0.59
	3-6	2/9/2005	ND(0.038)	0.54	0.28	0.82
	6-15	2/9/2005	ND(0.044)	0.52	0.41	0.93
RAA10-E-DD11	0-1	2/24/2005	ND(0.043)	ND(0.043)	1.2	1.2
RAA10-E-DD12	0-1	2/16/2005	ND(0.19) [ND(0.19)]	ND(0.19) [ND(0.19)]	5.6 [3.1]	5.6 [3.1]
	1-3	2/16/2005	ND(0.039)	ND(0.039)	0.32	0.32
	3-6	2/16/2005	ND(0.038)	0.11	0.26	0.37
RAA10-E-DD13	0-1	2/23/2005	ND(0.051)	ND(0.051)	0.18	0.18
RAA10-E-DD14	0-1	2/22/2005	ND(0.053)	1.5	0.60	2.1
	1-3	2/22/2005	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
	3-6	2/22/2005	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	6-15	2/22/2005	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)
RAA10-E-EE3	0-1	2/17/2005	ND(0.043)	0.48	0.89	1.37
RAA10-E-EE4	0-1	2/16/2005	ND(0.037)	0.028 J	0.046	0.074
	1-3	2/16/2005	ND(0.039)	0.027 J	0.026 J	0.053 J
	3-6	2/16/2005	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	6-15	2/16/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA10-E-EE5	0-1	2/17/2005	ND(0.037)	0.14	0.27	0.41
RAA10-E-EE9	0-1	2/9/2005	ND(0.035)	ND(0.035)	0.28	0.28
RAA10-E-EE10	0-1	2/9/2005	ND(0.76)	ND(0.76)	14	14
RAA10-E-EE11	0-1	2/23/2005	ND(2.0) [ND(2.1)]	16 [16]	31 [33]	47 [49]
RAA10-E-EE12	0-1	2/23/2005	ND(0.38)	ND(0.38)	7.6	7.6
RAA10-E-FF2	0-1	2/16/2005	ND(0.042)	0.48	0.46	0.94
	1-3	2/16/2005	ND(0.038)	0.42	0.96	1.38
	3-6	2/16/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	2/16/2005	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]
RAA10-E-FF3	0-1	2/17/2005	ND(0.036)	ND(0.036)	0.015 J	0.015 J

TABLE 7-2
PCB DATA RECEIVED DURING MARCH 2005

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, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA10-E-FF4	0-1	2/15/2005	ND(0.038)	0.099	0.12	0.219
	1-3	2/15/2005	ND(0.037)	0.14	0.17	0.31
	3-6	2/15/2005	ND(0.040)	ND(0.040)	0.038 J	0.038 J
	6-15	2/15/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA10-E-FF5	0-1	2/17/2005	ND(0.038)	0.19	0.39	0.58
RAA10-E-FF6	0-1	2/15/2005	ND(0.036) [ND(0.036)]	0.47 [0.47]	0.36 [0.42]	0.83 [0.89]
	1-3	2/15/2005	ND(0.036)	0.15	0.12	0.27
	3-6	2/15/2005	ND(0.036)	1.2	0.32	1.52
	6-15	2/15/2005	ND(0.040)	0.93	0.50	1.43
RAA10-E-FF7	0-1	2/9/2005	ND(0.38)	6.8	2.9	9.7
RAA10-E-FF8	0-1	2/16/2005	ND(0.037)	ND(0.037)	0.023 J	0.023 J
	1-3	2/16/2005	ND(0.038)	0.99	1.0	1.99
	3-6	2/16/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	2/16/2005	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA10-E-FF9	0-1	2/10/2005	ND(0.036)	0.26	0.41	0.67
RAA10-E-FF10	0-1	2/9/2005	ND(0.39)	3.7	5.5	9.2
	1-3	2/9/2005	ND(0.22)	1.5	2.8	4.3
	3-6	2/9/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	2/9/2005	ND(2.2)	88	ND(2.2)	88
RAA10-E-FF11	0-1	2/23/2005	ND(1.9)	26	45	71
RAA10-E-FF12	0-1	2/23/2005	ND(0.85)	ND(0.85)	29	29
	1-3	2/23/2005	ND(0.77)	ND(0.77)	21	21
	3-6	2/23/2005	ND(0.40)	ND(0.40)	5.7	5.7
	6-15	2/23/2005	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
RAA10-E-GG1	0-1	2/17/2005	ND(0.042)	0.052	0.11	0.162
RAA10-E-GG5	0-1	2/18/2005	ND(0.042)	0.83	0.38	1.21
RAA10-E-GG6	0-1	2/18/2005	ND(0.036)	0.32	0.48	0.80
RAA10-E-GG7	0-1	2/18/2005	ND(0.21)	ND(0.21)	2.4	2.4
RAA10-E-GG8	0-1	2/18/2005	ND(0.20)	6.0	2.1	8.1
RAA10-E-GG9	0-1	2/9/2005	ND(0.036)	0.019 J	0.023 J	0.042 J
RAA10-E-GG10	0-1	2/10/2005	ND(0.052)	0.67	0.32	0.99
RAA10-E-GG11	0-1	2/23/2005	ND(0.84)	ND(0.84)	18	18
RAA10-E-GG12	0-1	2/23/2005	ND(0.89)	ND(0.89)	16	16
RAA10-E-GG13	0-1	2/22/2005	ND(0.46) [ND(0.42)]	12 [7.0]	ND(0.46) [1.9]	12 [8.9]
RAA10-E-HH4	0-1	2/17/2005	ND(0.040)	ND(0.040)	1.7	1.7
	1-3	2/17/2005	ND(0.038)	ND(0.038)	0.35	0.35
	3-6	2/17/2005	ND(0.038)	ND(0.038)	0.026 J	0.026 J
	6-15	2/17/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA10-E-HH5	0-1	2/17/2005	ND(0.044)	0.26	0.15	0.41
RAA10-E-HH6	0-1	2/17/2005	ND(0.42)	ND(0.42)	7.1	7.1
	1-3	2/17/2005	ND(0.042)	ND(0.042)	0.68	0.68
	3-6	2/17/2005	ND(0.035)	0.024 J	ND(0.035)	0.024 J
	6-15	2/17/2005	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA10-E-HH7	0-1	2/18/2005	ND(0.73)	ND(0.73)	20	20
RAA10-E-HH9	0-1	2/10/2005	ND(0.038)	ND(0.038)	0.064	0.064
RAA10-E-HH10	0-1	2/10/2005	ND(0.20)	1.4	2.3	3.7
	1-3	2/10/2005	ND(0.36)	1.8	4.3	6.1
	3-6	2/10/2005	ND(0.035)	0.059	0.098	0.157
	6-15	2/10/2005	ND(0.42)	3.9	ND(0.42)	3.9
RAA10-E-HH11	0-1	2/24/2005	ND(22)	74	73	147
RAA10-E-HH99	0-1	2/17/2005	ND(0.036)	0.030 J	0.024 J	0.054 J
	1-3	2/17/2005	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	3-6	2/17/2005	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	2/17/2005	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA10-E-II4	0-1	2/17/2005	ND(0.042)	ND(0.042)	0.36	0.36
RAA10-E-II5	0-1	2/17/2005	ND(0.040)	0.073	0.094	0.167
RAA10-E-II6	0-1	2/17/2005	ND(0.042)	ND(0.042)	0.58	0.58

TABLE 7-2
PCB DATA RECEIVED DURING MARCH 2005

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, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA10-E-II7	0-1	2/18/2005	ND(0.037)	0.64	0.60	1.24
RAA10-E-II8	0-1	2/17/2005	ND(20)	53	100	153
RAA10-E-II10	0-1	2/10/2005	ND(0.36) [ND(0.36)]	3.3 [3.0]	2.5 [2.2]	5.8 [5.2]
RAA10-E-II11	0-1	2/24/2005	ND(0.34)	1.9	3.8	5.7
RAA10-E-JJ5	0-1	2/17/2005	ND(0.036)	0.035 J	0.13	0.165
RAA10-E-JJ6	0-1	2/17/2005	ND(0.038)	0.54	1.1	1.88
	1-3	2/17/2005	ND(0.036)	0.18	0.54	0.72
	3-6	2/17/2005	ND(0.037)	0.13	0.31	0.44
	6-15	2/17/2005	ND(0.039)	0.088	ND(0.039)	0.088
RAA10-E-JJ7	0-1	2/18/2005	ND(0.19)	ND(0.19)	3.4	3.4
RAA10-E-JJ8	0-1	2/11/2005	ND(0.39)	19	ND(0.39)	19
	1-3	2/11/2005	ND(4.1)	70	17	87
	3-6	2/11/2005	ND(4.2)	20	ND(4.2)	20
	6-15	2/11/2005	ND(0.037)	0.052	0.022 J	0.074
RAA10-E-JJ9	0-1	2/18/2005	ND(0.040)	0.056	0.060	0.116
RAA10-E-JJ10	0-1	2/10/2005	ND(0.18)	1.8	3.1	4.9
	1-3	2/10/2005	ND(0.71)	13	9.1	22.1
	3-6	2/10/2005	ND(0.18)	1.6	1.0	2.6
	6-15	2/10/2005	ND(0.041)	0.69	0.64	1.33
RAA10-E-JJ11	0-1	2/21/2005	ND(0.038)	0.43	0.87	1.3
RAA10-E-JJ12	0-1	2/21/2005	ND(0.24)	6.2	2.4	8.6
	1-3	2/21/2005	ND(0.19)	1.9	0.77	2.67
	3-6	2/21/2005	ND(0.041)	0.14	0.12	0.26
	6-15	2/21/2005	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)
RAA10-E-KK6	0-1	2/11/2005	ND(0.18)	2.4	4.7	7.1
RAA10-E-KK7	0-1	2/11/2005	ND(0.36)	ND(0.36)	9.1	9.1
RAA10-E-KK8	0-1	2/11/2005	ND(0.37)	2.0	1.8	3.8
RAA10-E-KK9	0-1	2/10/2005	ND(0.18)	ND(0.18)	2.2	2.2
RAA10-E-KK10	0-1	2/10/2005	ND(0.36)	ND(0.36)	4.6	4.6
RAA10-E-KK12	0-1	2/21/2005	ND(0.049)	0.88	0.70	1.58
RAA10-E-LL7	0-1	2/18/2005	ND(0.037) [ND(0.18)]	0.68 [ND(0.18)]	1.3 [2.4]	1.98 [2.4]
RAA10-E-LL8	0-1	2/10/2005	ND(3.8)	ND(3.8)	70	70
	1-3	2/10/2005	ND(0.37)	ND(0.37)	3.2	3.2
	3-6	2/10/2005	ND(0.037)	ND(0.037)	0.068	0.068
	6-15	2/10/2005	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-E-LL9	0-1	2/10/2005	ND(0.18)	1.0	2.2	3.2
RAA10-E-LL10	0-1	2/11/2005	ND(0.52)	ND(0.52)	12	12
	1-3	2/11/2005	ND(21)	ND(21)	240	240
	3-6	2/11/2005	ND(0.042)	ND(0.042)	1.5	1.5
	6-15	2/11/2005	ND(0.041)	ND(0.041)	0.71	0.71
RAA10-E-MM8	0-1	2/18/2005	ND(0.73)	4.0	8.0	12
RAA10-E-MM9	0-1	2/11/2005	ND(0.036)	0.12	0.31	0.43
RAA10-E-MM10	0-1	2/21/2005	ND(0.23)	1.1	2.8	3.9
RAA10-E-MM11	0-1	2/21/2005	ND(0.043)	0.50	0.48	0.98
RAA10-E-NN9	0-1	2/18/2005	ND(0.041)	0.31	0.82	1.13
RAA10-E-NN11	0-1	2/22/2005	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA10-E-NN20	0-1	3/11/2005	ND(0.051)	0.78	1.3	2.08
	1-3	3/11/2005	ND(0.047)	0.93	1.1	2.03
	3-6	3/11/2005	ND(0.043)	0.91	0.36	1.27
	6-15	3/11/2005	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)
RAA10-E-O14	0-1	2/24/2005	ND(0.038)	0.40	0.17	0.57
RAA10-E-P14	0-1	2/24/2005	ND(0.77)	18	2.9	20.9
	1-3	2/24/2005	ND(40)	1300	ND(40)	1300
	3-6	2/24/2005	ND(40)	640	ND(40)	640
	6-15	2/24/2005	ND(0.25)	4.9	ND(0.25)	4.9
RAA10-E-Q14	0-1	2/24/2005	ND(0.78)	20	ND(0.78)	20

TABLE 7-2
PCB DATA RECEIVED DURING MARCH 2005

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, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA10-E-R14	0-1	2/24/2005	ND(4.0)	73	ND(4.0)	73
	1-3	2/24/2005	ND(0.20)	2.6	ND(0.20)	2.6
	3-6	2/24/2005	ND(44)	270	ND(44)	270
	6-15	2/24/2005	ND(0.050)	0.90	ND(0.050)	0.90
RAA10-E-S13	0-1	2/24/2005	ND(0.27)	5.0	2.9	7.9
RAA10-E-S14	0-1	2/24/2005	ND(40) [ND(41)]	1200 [1200]	ND(40) [ND(41)]	1200 [1200]
RAA10-E-T14	0-1	2/24/2005	ND(41)	1500	ND(41)	1500
	1-3	2/24/2005	ND(0.40)	10	ND(0.40)	10
	3-6	2/24/2005	ND(0.21)	3.4	ND(0.21)	3.4
	6-15	2/24/2005	ND(0.052)	0.58	ND(0.052)	0.58
RAA10-E-T15	0-1	2/24/2005	ND(0.071)	1.6	0.82	2.42
RAA10-E-U14	0-1	2/24/2005	ND(40)	810	ND(40)	810
RAA10-E-V14	0-1	2/23/2005	ND(0.20)	4.6	1.4	6.0
	1-3	2/23/2005	ND(0.039)	1.1	0.57	1.67
	3-6	2/23/2005	ND(0.044)	0.42	ND(0.044)	0.42
	6-15	2/23/2005	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA10-E-Y9	0-1	2/25/2005	ND(0.040)	0.047	ND(0.040)	0.047
RAA10-E-Y14	0-1	2/23/2005	ND(2.0)	48	ND(2.0)	48
RAA10-E-Z14	0-1	2/22/2005	ND(0.89)	23	ND(0.89)	23
	1-3	2/22/2005	ND(2.2)	54	ND(2.2)	54
	3-6	2/22/2005	ND(21)	350	ND(21)	350
	6-8	2/22/2005	ND(22)	190	ND(22)	190
RAA10-N-BB21	0-1	2/22/2005	ND(0.037)	0.025 J	ND(0.037)	0.025 J
	1-6	2/22/2005	ND(0.25)	5.7	3.8	9.5
RAA10-N-JJ19	0-1	2/22/2005	ND(2.1)	52	21	73
	1-6	2/22/2005	ND(3.9)	130	46	176
RAA10-N-M9	1-3	2/28/2005	ND(0.43)	ND(0.43)	5.5	5.5
	3-6	2/28/2005	ND(1.9)	ND(1.9)	69	69
RAA10-N-X19	0-1	2/22/2005	ND(0.92)	7.4	3.7	11.1
	1-6	2/22/2005	ND(4.2)	7.8	15	22.8

Notes:
1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
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 MARCH 2005

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-E-BB13 0-1 02/23/05	RAA10-E-BB14 6-15 02/22/05	RAA10-E-BB14 8-10 02/22/05	RAA10-E-DD6 1-3 02/15/05	RAA10-E-DD6 6-8 02/15/05
Volatile Organics						
1,1,1-Trichloroethane		ND(0.0058)	NA	ND(0.0065)	ND(0.0054)	ND(0.0059)
2-Butanone		ND(0.012)	NA	ND(0.013)	ND(0.011)	ND(0.012)
4-Methyl-2-pentanone		ND(0.012)	NA	ND(0.013)	ND(0.011)	ND(0.012)
Acetone		ND(0.023)	NA	ND(0.026)	ND(0.022)	0.015 J
Benzene		ND(0.0058)	NA	ND(0.0065)	ND(0.0054)	ND(0.0059)
Carbon Disulfide		ND(0.0058)	NA	ND(0.0065)	ND(0.0054)	ND(0.0059)
Chlorobenzene		ND(0.0058)	NA	ND(0.0065)	ND(0.0054)	ND(0.0059)
Isobutanol		ND(0.12)	NA	ND(0.13)	ND(0.11)	ND(0.12)
Methylene Chloride		ND(0.0058)	NA	ND(0.0065)	ND(0.0054)	ND(0.0059)
Styrene		ND(0.0058)	NA	ND(0.0065)	ND(0.0054)	ND(0.0059)
Toluene		ND(0.0058)	NA	ND(0.0065)	ND(0.0054)	ND(0.0059)
Trichloroethene		ND(0.0058)	NA	ND(0.0065)	ND(0.0054)	ND(0.0059)
Xylenes (total)		ND(0.0058)	NA	ND(0.0065)	ND(0.0054)	ND(0.0059)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.38)	ND(0.49)	NA	ND(0.36)	NA
1,2,4-Trichlorobenzene		ND(0.38)	ND(0.49)	NA	ND(0.36)	NA
1,4-Dichlorobenzene		ND(0.38)	ND(0.49)	NA	ND(0.36)	NA
2-Methylnaphthalene		0.044 J	ND(0.49)	NA	ND(0.36)	NA
Acenaphthene		0.065 J	ND(0.49)	NA	ND(0.36)	NA
Acenaphthylene		ND(0.38)	ND(0.49)	NA	0.14 J	NA
Anthracene		0.090 J	ND(0.49)	NA	0.045 J	NA
Benzo(a)anthracene		0.22 J	ND(0.49)	NA	0.18 J	NA
Benzo(a)pyrene		0.18 J	ND(0.49)	NA	0.26 J	NA
Benzo(b)fluoranthene		0.18 J	ND(0.49)	NA	0.20 J	NA
Benzo(g,h,i)perylene		0.083 J	ND(0.49)	NA	0.21 J	NA
Benzo(k)fluoranthene		0.21 J	ND(0.49)	NA	0.30 J	NA
bis(2-Ethylhexyl)phthalate		ND(0.38)	ND(0.48)	NA	ND(0.35)	NA
Chrysene		0.26 J	ND(0.49)	NA	0.28 J	NA
Dibenzo(a,h)anthracene		ND(0.38)	ND(0.49)	NA	ND(0.36)	NA
Dibenzofuran		ND(0.38)	ND(0.49)	NA	ND(0.36)	NA
Fluoranthene		0.59	ND(0.49)	NA	0.38	NA
Fluorene		0.054 J	ND(0.49)	NA	ND(0.36)	NA
Indeno(1,2,3-cd)pyrene		0.078 J	ND(0.49)	NA	0.15 J	NA
Naphthalene		0.039 J	ND(0.49)	NA	ND(0.36)	NA
N-Nitrosomorpholine		ND(0.38)	ND(0.49)	NA	ND(0.36)	NA
Phenanthrene		0.46	ND(0.49)	NA	0.11 J	NA
Pyrene		0.56	ND(0.49)	NA	0.35 J	NA
Organochlorine Pesticides						
4,4'-DDD		NA	NA	NA	NA	NA
4,4'-DDE		NA	NA	NA	NA	NA
4,4'-DDT		NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected		NA	NA	NA	NA	NA
Herbicides						
None Detected		NA	NA	NA	NA	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-BB13 0-1 02/23/05	RAA10-E-BB14 6-15 02/22/05	RAA10-E-BB14 8-10 02/22/05	RAA10-E-DD6 1-3 02/15/05	RAA10-E-DD6 6-8 02/15/05
Furans						
2,3,7,8-TCDF		0.000034 Y	0.0000010 JY	NA	0.0000084 Y	NA
TCDFs (total)		0.0020	0.0000041	NA	0.000089	NA
1,2,3,7,8-PeCDF		0.000015	ND(0.00000087)	NA	0.0000043 J	NA
2,3,4,7,8-PeCDF		0.000055	ND(0.0000011)	NA	0.0000096	NA
PeCDFs (total)		0.0043	ND(0.0000023)	NA	0.00046	NA
1,2,3,4,7,8-HxCDF		0.000022	ND(0.0000034)	NA	0.000014	NA
1,2,3,6,7,8-HxCDF		0.000085	ND(0.0000014)	NA	0.000061 I	NA
1,2,3,7,8,9-HxCDF		ND(0.0000016)	ND(0.00000099)	NA	ND(0.00000046)	NA
2,3,4,6,7,8-HxCDF		0.000099	ND(0.00000087)	NA	0.000027	NA
HxCDFs (total)		0.0028	ND(0.0000034)	NA	0.00098	NA
1,2,3,4,6,7,8-HpCDF		0.00012	ND(0.0000027)	NA	0.000088	NA
1,2,3,4,7,8,9-HpCDF		0.0000085	ND(0.00000067)	NA	0.0000079	NA
HpCDFs (total)		0.00039	ND(0.0000027)	NA	0.00025	NA
OCDF		0.000045	ND(0.0000014)	NA	0.000038	NA
Dioxins						
2,3,7,8-TCDD		ND(0.00000051)	ND(0.00000021)	NA	ND(0.00000022)	NA
TCDDs (total)		0.0000021	ND(0.00000021)	NA	ND(0.00000046)	NA
1,2,3,7,8-PeCDD		ND(0.0000024)	ND(0.00000041)	NA	ND(0.0000010)	NA
PeCDDs (total)		0.0000046	ND(0.00000041)	NA	ND(0.0000025)	NA
1,2,3,4,7,8-HxCDD		ND(0.0000023)	ND(0.00000062)	NA	ND(0.0000014)	NA
1,2,3,6,7,8-HxCDD		0.0000053 J	ND(0.00000057)	NA	ND(0.0000019)	NA
1,2,3,7,8,9-HxCDD		0.0000042 J	ND(0.00000057)	NA	ND(0.0000021)	NA
HxCDDs (total)		0.000049	ND(0.00000062)	NA	0.000020	NA
1,2,3,4,6,7,8-HpCDD		0.000075	ND(0.00000093)	NA	0.000039	NA
HpCDDs (total)		0.00015	ND(0.00000093)	NA	0.00011	NA
OCDD		0.00047	ND(0.0000039)	NA	0.00095	NA
Total TEQs (WHO TEFs)		0.000057	0.0000011	NA	0.000018	NA
Inorganics						
Antimony		ND(6.00)	ND(6.00)	NA	ND(6.00)	NA
Arsenic		4.70	8.60	NA	6.70	NA
Barium		22.0	61.0	NA	24.0	NA
Beryllium		0.300 B	0.480 B	NA	0.240 B	NA
Cadmium		0.830	0.200 B	NA	1.00	NA
Chromium		11.0	20.0	NA	10.0	NA
Cobalt		11.0	12.0	NA	9.40	NA
Copper		27.0	19.0	NA	20.0	NA
Cyanide		0.100 B	0.0590 B	NA	0.0330 B	NA
Lead		28.0	8.00	NA	16.0	NA
Mercury		0.0140 B	0.0200 B	NA	0.0150 B	NA
Nickel		16.0	21.0	NA	18.0	NA
Selenium		0.630 B	2.00	NA	ND(1.00)	NA
Silver		ND(1.00)	ND(1.10)	NA	0.220 B	NA
Sulfide		9.20	47.0	NA	12.0	NA
Thallium		ND(1.20)	ND(1.50)	NA	3.40	NA
Tin		3.30 B	3.30 B	NA	1.60 B	NA
Vanadium		9.50	15.0	NA	8.10	NA
Zinc		76.0	76.0	NA	79.0	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-DD6 6-15 02/15/05	RAA10-E-DD8 0-1 02/09/05	RAA10-E-DD10 0-1 02/09/05	RAA10-E-DD10 1-3 02/09/05	RAA10-E-DD14 0-1 02/22/05
Volatile Organics					
1,1,1-Trichloroethane	NA	ND(0.0054)	ND(0.0057)	ND(0.0064)	ND(0.0079)
2-Butanone	NA	ND(0.011)	ND(0.011)	ND(0.013)	ND(0.016)
4-Methyl-2-pentanone	NA	ND(0.011)	ND(0.011)	ND(0.013)	ND(0.016)
Acetone	NA	ND(0.021)	0.011 J	ND(0.026)	ND(0.032)
Benzene	NA	ND(0.0054)	ND(0.0057)	ND(0.0064)	ND(0.0079)
Carbon Disulfide	NA	ND(0.0054)	ND(0.0057)	ND(0.0064)	ND(0.0079)
Chlorobenzene	NA	ND(0.0054)	ND(0.0057)	ND(0.0064)	ND(0.0079)
Isobutanol	NA	ND(0.11)	ND(0.11)	ND(0.13)	ND(0.16)
Methylene Chloride	NA	ND(0.0054)	ND(0.0057)	ND(0.0064)	ND(0.0079)
Styrene	NA	ND(0.0054)	ND(0.0057)	ND(0.0064)	ND(0.0079)
Toluene	NA	ND(0.0054)	ND(0.0057)	ND(0.0064)	ND(0.0079)
Trichloroethene	NA	ND(0.0054)	ND(0.0057)	ND(0.0064)	ND(0.0079)
Xylenes (total)	NA	ND(0.0054)	ND(0.0057)	ND(0.0064)	ND(0.0079)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.41)	ND(3.6)	ND(38)	ND(0.42)	ND(0.53)
1,2,4-Trichlorobenzene	ND(0.41)	ND(3.6)	ND(38)	ND(0.42)	ND(0.53)
1,4-Dichlorobenzene	ND(0.41)	ND(3.6)	ND(38)	ND(0.42)	ND(0.53)
2-Methylnaphthalene	ND(0.41)	ND(3.6)	ND(38)	ND(0.42)	ND(0.53)
Acenaphthene	ND(0.41)	ND(3.6)	ND(38)	ND(0.42)	ND(0.53)
Acenaphthylene	ND(0.41)	ND(3.6)	ND(38)	ND(0.42)	ND(0.53)
Anthracene	ND(0.41)	ND(3.6)	ND(38)	ND(0.42)	ND(0.53)
Benzo(a)anthracene	ND(0.41)	ND(3.6)	ND(38)	ND(0.42)	0.070 J
Benzo(a)pyrene	ND(0.41)	ND(3.6)	ND(38)	ND(0.42)	0.062 J
Benzo(b)fluoranthene	ND(0.41)	ND(3.6)	ND(38)	ND(0.42)	0.055 J
Benzo(g,h,i)perylene	ND(0.41)	ND(3.6)	ND(38)	ND(0.42)	ND(0.53)
Benzo(k)fluoranthene	ND(0.41)	ND(3.6)	ND(38)	ND(0.42)	0.053 J
bis(2-Ethylhexyl)phthalate	ND(0.41)	ND(1.8)	ND(19)	ND(0.42)	ND(0.52)
Chrysene	ND(0.41)	ND(3.6)	ND(38)	ND(0.42)	0.088 J
Dibenzo(a,h)anthracene	ND(0.41)	ND(3.6)	ND(38)	ND(0.42)	ND(0.53)
Dibenzofuran	ND(0.41)	ND(3.6)	ND(38)	ND(0.42)	ND(0.53)
Fluoranthene	ND(0.41)	ND(3.6)	ND(38)	ND(0.42)	0.16 J
Fluorene	ND(0.41)	ND(3.6)	ND(38)	ND(0.42)	ND(0.53)
Indeno(1,2,3-cd)pyrene	ND(0.41)	ND(3.6)	ND(38)	ND(0.42)	ND(0.53)
Naphthalene	ND(0.41)	ND(3.6)	ND(38)	ND(0.42)	ND(0.53)
N-Nitrosomorpholine	ND(0.41)	ND(3.6)	ND(38)	ND(0.42)	ND(0.53)
Phenanthrene	ND(0.41)	ND(3.6)	ND(38)	ND(0.42)	0.14 J
Pyrene	ND(0.41)	ND(3.6)	ND(38)	ND(0.42)	0.14 J
Organochlorine Pesticides					
4,4'-DDD	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	NA	NA	NA	NA	NA
Herbicides					
None Detected	NA	NA	NA	NA	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-DD6 6-15 02/15/05	RAA10-E-DD8 0-1 02/09/05	RAA10-E-DD10 0-1 02/09/05	RAA10-E-DD10 1-3 02/09/05	RAA10-E-DD14 0-1 02/22/05
Furans						
2,3,7,8-TCDF		ND(0.00000057)	0.000028 Y	ND(0.00000052) Y	0.0000027 Y	0.000034 Y
TCDFs (total)		0.00000072	0.00011	0.000026	0.000033	0.00020
1,2,3,7,8-PeCDF		ND(0.00000017)	0.0000088	ND(0.00000068)	ND(0.0000015)	0.000022
2,3,4,7,8-PeCDF		ND(0.00000019)	0.000012	ND(0.0000022)	0.0000043 J	0.000032
PeCDFs (total)		ND(0.00000088)	0.00014	0.00022	0.00014	0.00025
1,2,3,4,7,8-HxCDF		ND(0.00000060)	0.000027	0.0000036 J	0.0000060 J	0.000061
1,2,3,6,7,8-HxCDF		ND(0.00000033)	0.000012	0.000026 I	0.000010 I	0.000038
1,2,3,7,8,9-HxCDF		ND(0.00000011)	ND(0.0000013)	ND(0.00000046)	ND(0.00000036)	ND(0.0000017)
2,3,4,6,7,8-HxCDF		ND(0.00000010)	0.0000099	0.000014	0.0000070	0.000018
HxCDFs (total)		ND(0.00000061)	0.00025	0.00072	0.00022	0.00034
1,2,3,4,6,7,8-HpCDF		ND(0.00000052)	0.000036	0.000041	0.000012	0.00011
1,2,3,4,7,8,9-HpCDF		ND(0.00000016)	0.000012	0.0000050 J	ND(0.0000024)	0.000016
HpCDFs (total)		ND(0.00000052)	0.000090	0.00020	0.000042	0.00019
OCDF		ND(0.00000061)	0.000038	0.000011	0.0000079 J	0.000056
Dioxins						
2,3,7,8-TCDD		ND(0.00000010)	ND(0.00000026)	ND(0.00000020)	ND(0.00000022)	0.00000089 J
TCDDs (total)		ND(0.00000010)	ND(0.00000046)	ND(0.00000020)	0.00000065	0.0000049
1,2,3,7,8-PeCDD		ND(0.00000032)	ND(0.00000069)	ND(0.00000030)	ND(0.00000061)	ND(0.0000012)
PeCDDs (total)		ND(0.00000032)	ND(0.0000011)	ND(0.00000030)	ND(0.00000077)	ND(0.0000035)
1,2,3,4,7,8-HxCDD		ND(0.000000079)	ND(0.0000013)	ND(0.00000048)	ND(0.00000041)	ND(0.0000011)
1,2,3,6,7,8-HxCDD		ND(0.000000075)	ND(0.0000020)	ND(0.00000037)	ND(0.00000083)	ND(0.0000025)
1,2,3,7,8,9-HxCDD		ND(0.000000074)	ND(0.0000014)	ND(0.00000052)	ND(0.00000064)	ND(0.0000026)
HxCDDs (total)		ND(0.00000028)	0.000013	ND(0.0000013)	0.0000033	0.000020
1,2,3,4,6,7,8-HpCDD		ND(0.00000035)	0.000014	0.0000071	0.0000052 J	0.000031
HpCDDs (total)		ND(0.00000035)	0.000034	0.000016	0.000010	0.000062
OCDD		ND(0.0000034)	0.00017	0.000076	0.000030	0.00022
Total TEQs (WHO TEFs)		0.00000036	0.000016	0.0000058	0.0000055	0.000036
Inorganics						
Antimony		ND(6.00)	0.760 B	1.70 B	1.30 B	1.70 B
Arsenic		2.10	4.70	4.90	6.00	8.30
Barium		27.0	20.0 B	51.0	57.0	45.0
Beryllium		0.350 B	0.250 B	0.220 B	0.520	0.390 B
Cadmium		0.700	0.970	0.330 B	1.10	0.190 B
Chromium		10.0	6.30	7.50	14.0	13.0
Cobalt		7.90	8.50	17.0	11.0	7.10
Copper		15.0	16.0	10.0	20.0	27.0
Cyanide		ND(0.250)	ND(0.210)	ND(0.230)	0.0500 B	0.500
Lead		5.90	13.0	4.60	12.0	50.0
Mercury		ND(0.120)	0.0270 B	ND(0.110)	0.0130 B	0.200
Nickel		15.0	16.0	13.0	21.0	15.0
Selenium		ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	2.20
Silver		0.200 B	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.20)
Sulfide		35.0	8.60	190	10.0	ND(7.90)
Thallium		2.80	5.80	1.20	4.60	ND(1.60)
Tin		2.60 B	1.60 B	1.40 B	3.00 B	6.00 B
Vanadium		11.0	7.70	11.0	17.0	16.0
Zinc		64.0	43.0	28.0	71.0	64.0

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-EE4 0-1 02/16/05	RAA10-E-EE12 0-1 02/23/05	RAA10-E-FF2 6-15 02/16/05	RAA10-E-FF2 8-10 02/16/05
Volatile Organics					
1,1,1-Trichloroethane		ND(0.0056)	ND(0.0056)	NA	ND(0.0054) [ND(0.0053)]
2-Butanone		ND(0.011)	ND(0.011)	NA	ND(0.011) [ND(0.011)]
4-Methyl-2-pentanone		ND(0.011)	ND(0.011)	NA	ND(0.011) [ND(0.011)]
Acetone		0.0086 J	ND(0.023)	NA	ND(0.022) [ND(0.021)]
Benzene		ND(0.0056)	ND(0.0056)	NA	ND(0.0054) [ND(0.0053)]
Carbon Disulfide		ND(0.0056)	ND(0.0056)	NA	ND(0.0054) [ND(0.0053)]
Chlorobenzene		ND(0.0056)	ND(0.0056)	NA	ND(0.0054) [ND(0.0053)]
Isobutanol		ND(0.11)	ND(0.11)	NA	ND(0.11) [ND(0.11)]
Methylene Chloride		ND(0.0056)	ND(0.0056)	NA	ND(0.0054) [ND(0.0053)]
Styrene		ND(0.0056)	ND(0.0056)	NA	ND(0.0054) [ND(0.0053)]
Toluene		ND(0.0056)	ND(0.0056)	NA	ND(0.0054) [ND(0.0053)]
Trichloroethene		ND(0.0056)	ND(0.0056)	NA	ND(0.0054) [ND(0.0053)]
Xylenes (total)		ND(0.0056)	ND(0.0056)	NA	ND(0.0054) [ND(0.0053)]
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		ND(3.7)	ND(0.38)	ND(0.38) [ND(0.38)]	NA
1,2,4-Trichlorobenzene		ND(3.7)	ND(0.38)	ND(0.38) [ND(0.38)]	NA
1,4-Dichlorobenzene		ND(3.7)	ND(0.38)	ND(0.38) [ND(0.38)]	NA
2-Methylnaphthalene		ND(3.7)	ND(0.38)	ND(0.38) [ND(0.38)]	NA
Acenaphthene		ND(3.7)	ND(0.38)	ND(0.38) [ND(0.38)]	NA
Acenaphthylene		ND(3.7)	ND(0.38)	ND(0.38) [ND(0.38)]	NA
Anthracene		ND(3.7)	0.031 J	ND(0.38) [ND(0.38)]	NA
Benzo(a)anthracene		ND(3.7)	0.062 J	ND(0.38) [ND(0.38)]	NA
Benzo(a)pyrene		ND(3.7)	0.070 J	ND(0.38) [ND(0.38)]	NA
Benzo(b)fluoranthene		ND(3.7)	ND(0.38)	ND(0.38) [ND(0.38)]	NA
Benzo(g,h,i)perylene		ND(3.7)	0.074 J	ND(0.38) [ND(0.38)]	NA
Benzo(k)fluoranthene		ND(3.7)	ND(0.38)	ND(0.38) [ND(0.38)]	NA
bis(2-Ethylhexyl)phthalate		ND(1.9)	0.80	ND(0.37) [0.33 J]	NA
Chrysene		ND(3.7)	0.050 J	ND(0.38) [ND(0.38)]	NA
Dibenzo(a,h)anthracene		ND(3.7)	ND(0.38)	ND(0.38) [ND(0.38)]	NA
Dibenzofuran		ND(3.7)	ND(0.38)	ND(0.38) [ND(0.38)]	NA
Fluoranthene		0.36 J	0.13 J	ND(0.38) [ND(0.38)]	NA
Fluorene		ND(3.7)	ND(0.38)	ND(0.38) [ND(0.38)]	NA
Indeno(1,2,3-cd)pyrene		ND(3.7)	ND(0.38)	ND(0.38) [ND(0.38)]	NA
Naphthalene		ND(3.7)	ND(0.38)	ND(0.38) [ND(0.38)]	NA
N-Nitrosomorpholine		ND(3.7)	ND(0.38)	ND(0.38) [ND(0.38)]	NA
Phenanthrene		ND(3.7)	0.076 J	ND(0.38) [ND(0.38)]	NA
Pyrene		0.42 J	0.14 J	ND(0.38) [ND(0.38)]	NA
Organochlorine Pesticides					
4,4'-DDD		NA	NA	NA	NA
4,4'-DDE		NA	NA	NA	NA
4,4'-DDT		NA	NA	NA	NA
Organophosphate Pesticides					
None Detected		NA	NA	NA	NA
Herbicides					
None Detected		NA	NA	NA	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-EE4 0-1 02/16/05	RAA10-E-EE12 0-1 02/23/05	RAA10-E-FF2 6-15 02/16/05	RAA10-E-FF2 8-10 02/16/05
Furans					
2,3,7,8-TCDF		0.00000074 JY	0.000063 Y	ND(0.00000017) [ND(0.00000018)]	NA
TCDFs (total)		0.0000043	0.00067	ND(0.00000017) [ND(0.00000018)]	NA
1,2,3,7,8-PeCDF		ND(0.00000046)	0.000029	ND(0.00000011) [ND(0.00000011)]	NA
2,3,4,7,8-PeCDF		ND(0.00000081)	0.000061	ND(0.00000011) [ND(0.00000011)]	NA
PeCDFs (total)		0.0000032	0.0020	ND(0.00000018) [ND(0.00000016)]	NA
1,2,3,4,7,8-HxCDF		ND(0.0000017)	0.000060	ND(0.00000014) [ND(0.00000013)]	NA
1,2,3,6,7,8-HxCDF		ND(0.00000096)	0.000080 I	ND(0.00000011) [ND(0.00000012)]	NA
1,2,3,7,8,9-HxCDF		ND(0.00000011)	ND(0.0000019)	ND(0.00000011) [ND(0.00000015)]	NA
2,3,4,6,7,8-HxCDF		ND(0.00000079)	0.000082	ND(0.00000011) [ND(0.00000013)]	NA
HxCDFs (total)		0.000011	0.0025	ND(0.00000014) [ND(0.00000015)]	NA
1,2,3,4,6,7,8-HpCDF		ND(0.0000027)	0.00012	ND(0.00000015) [ND(0.00000017)]	NA
1,2,3,4,7,8,9-HpCDF		ND(0.00000036)	0.000023	ND(0.00000011) [ND(0.00000018)]	NA
HpCDFs (total)		0.0000028	0.00038	ND(0.00000015) [ND(0.00000018)]	NA
OCDF		ND(0.0000031)	0.000067	ND(0.00000019) [ND(0.00000036)]	NA
Dioxins					
2,3,7,8-TCDD		ND(0.00000017)	0.0000012	ND(0.000000096) [ND(0.000000084)]	NA
TCDDs (total)		ND(0.00000017)	0.000011	ND(0.000000096) [ND(0.000000084)]	NA
1,2,3,7,8-PeCDD		ND(0.00000023)	0.0000057	ND(0.00000018) [ND(0.00000017)]	NA
PeCDDs (total)		ND(0.00000023)	0.000012	ND(0.00000026) [ND(0.00000017)]	NA
1,2,3,4,7,8-HxCDD		ND(0.00000012)	0.0000034 J	ND(0.00000018) [ND(0.00000031)]	NA
1,2,3,6,7,8-HxCDD		ND(0.00000024)	0.0000094	ND(0.00000017) [ND(0.00000029)]	NA
1,2,3,7,8,9-HxCDD		ND(0.00000026)	0.0000068	ND(0.00000017) [ND(0.00000029)]	NA
HxCDDs (total)		ND(0.00000085)	0.000094	ND(0.00000024) [ND(0.00000031)]	NA
1,2,3,4,6,7,8-HpCDD		0.0000037 J	0.000054	ND(0.00000018) [ND(0.00000029)]	NA
HpCDDs (total)		0.0000074	0.00011	ND(0.00000018) [ND(0.00000029)]	NA
OCDD		0.000026	0.00030	ND(0.00000080) [ND(0.00000084)]	NA
Total TEQs (WHO TEFs)		0.00000075	0.000071	0.00000023 [0.00000024]	NA
Inorganics					
Antimony		1.00 B	ND(6.00)	ND(6.00) [ND(6.00)]	NA
Arsenic		3.30	2.50	7.30 [10.0]	NA
Barium		30.0	24.0	44.0 [62.0]	NA
Beryllium		0.220 B	0.170 B	0.330 B [0.310 B]	NA
Cadmium		0.860	0.310 B	1.30 [1.50]	NA
Chromium		7.60	7.30	7.00 [8.30]	NA
Cobalt		5.20	4.70 B	16.0 [10.0]	NA
Copper		11.0	16.0	16.0 [19.0]	NA
Cyanide		0.0330 B	ND(0.560)	0.530 [0.280]	NA
Lead		6.60	26.0	5.80 [6.20]	NA
Mercury		ND(0.110)	0.0220 B	ND(0.110) [ND(0.110)]	NA
Nickel		9.10	9.40	18.0 [19.0]	NA
Selenium		ND(1.00)	ND(1.00)	ND(1.00) [ND(1.00)]	NA
Silver		ND(1.00)	ND(1.00)	ND(1.00) [ND(1.00)]	NA
Sulfide		8.90	14.0	13.0 [ND(5.70)]	NA
Thallium		2.70	ND(1.10)	4.10 [2.90]	NA
Tin		1.40 B	3.70 B	1.50 B [1.90 B]	NA
Vanadium		9.30	8.30	7.30 [8.40]	NA
Zinc		44.0	40.0	54.0 [54.0]	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-FF4 1-3 02/15/05	RAA10-E-FF4 3-6 02/15/05	RAA10-E-FF4 4-6 02/15/05	RAA10-E-FF4 6-15 02/15/05	RAA10-E-FF4 8-10 02/15/05
Volatile Organics						
1,1,1-Trichloroethane		ND(0.0055)	NA	ND(0.0060)	NA	ND(0.0060)
2-Butanone		ND(0.011)	NA	ND(0.012)	NA	ND(0.012)
4-Methyl-2-pentanone		ND(0.011)	NA	ND(0.012)	NA	ND(0.012)
Acetone		ND(0.022)	NA	ND(0.024)	NA	ND(0.024)
Benzene		ND(0.0055)	NA	ND(0.0060)	NA	ND(0.0060)
Carbon Disulfide		ND(0.0055)	NA	ND(0.0060)	NA	ND(0.0060)
Chlorobenzene		ND(0.0055)	NA	ND(0.0060)	NA	ND(0.0060)
Isobutanol		ND(0.11)	NA	ND(0.12)	NA	ND(0.12)
Methylene Chloride		ND(0.0055)	NA	ND(0.0060)	NA	ND(0.0060)
Styrene		0.013	NA	ND(0.0060)	NA	ND(0.0060)
Toluene		0.0044 J	NA	ND(0.0060)	NA	ND(0.0060)
Trichloroethene		ND(0.0055)	NA	ND(0.0060)	NA	ND(0.0060)
Xylenes (total)		0.022	NA	ND(0.0060)	NA	ND(0.0060)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(3.7)	ND(4.0)	NA	ND(0.40)	NA
1,2,4-Trichlorobenzene		ND(3.7)	ND(4.0)	NA	ND(0.40)	NA
1,4-Dichlorobenzene		ND(3.7)	ND(4.0)	NA	ND(0.40)	NA
2-Methylnaphthalene		0.51 J	0.43 J	NA	ND(0.40)	NA
Acenaphthene		0.35 J	0.45 J	NA	ND(0.40)	NA
Acenaphthylene		1.0 J	1.3 J	NA	ND(0.40)	NA
Anthracene		1.0 J	1.4 J	NA	ND(0.40)	NA
Benzo(a)anthracene		1.6 J	1.9 J	NA	ND(0.40)	NA
Benzo(a)pyrene		1.2 J	1.4 J	NA	ND(0.40)	NA
Benzo(b)fluoranthene		0.84 J	0.78 J	NA	ND(0.40)	NA
Benzo(g,h,i)perylene		ND(3.7)	0.50 J	NA	ND(0.40)	NA
Benzo(k)fluoranthene		2.1 J	1.7 J	NA	ND(0.40)	NA
bis(2-Ethylhexyl)phthalate		ND(1.8)	ND(2.0)	NA	ND(0.39)	NA
Chrysene		2.3 J	2.4 J	NA	ND(0.40)	NA
Dibenzo(a,h)anthracene		ND(3.7)	ND(4.0)	NA	ND(0.40)	NA
Dibenzofuran		0.36 J	0.54 J	NA	ND(0.40)	NA
Fluoranthene		4.7	5.2	NA	ND(0.40)	NA
Fluorene		0.90 J	1.5 J	NA	ND(0.40)	NA
Indeno(1,2,3-cd)pyrene		ND(3.7)	ND(4.0)	NA	ND(0.40)	NA
Naphthalene		0.68 J	0.50 J	NA	ND(0.40)	NA
N-Nitrosomorpholine		ND(3.7)	ND(4.0)	NA	ND(0.40)	NA
Phenanthrene		5.5	7.7	NA	ND(0.40)	NA
Pyrene		5.2	5.7	NA	ND(0.40)	NA
Organochlorine Pesticides						
4,4'-DDD		NA	NA	NA	NA	NA
4,4'-DDE		NA	NA	NA	NA	NA
4,4'-DDT		NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected		NA	NA	NA	NA	NA
Herbicides						
None Detected		NA	NA	NA	NA	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-FF4 1-3 02/15/05	RAA10-E-FF4 3-6 02/15/05	RAA10-E-FF4 4-6 02/15/05	RAA10-E-FF4 6-15 02/15/05	RAA10-E-FF4 8-10 02/15/05
Furans						
2,3,7,8-TCDF		0.0000057 Y	0.0000011 JY	NA	ND(0.00000016)	NA
TCDFs (total)		0.000050	0.0000061	NA	ND(0.00000038)	NA
1,2,3,7,8-PeCDF		ND(0.0000026)	ND(0.00000059)	NA	ND(0.000000091)	NA
2,3,4,7,8-PeCDF		0.0000059	ND(0.0000011)	NA	ND(0.000000087)	NA
PeCDFs (total)		0.00013	0.000014	NA	ND(0.00000079)	NA
1,2,3,4,7,8-HxCDF		0.0000050 J	ND(0.0000017)	NA	ND(0.00000015)	NA
1,2,3,6,7,8-HxCDF		0.0000048 J	ND(0.00000096)	NA	ND(0.00000016)	NA
1,2,3,7,8,9-HxCDF		ND(0.00000016)	ND(0.000000087)	NA	ND(0.000000041)	NA
2,3,4,6,7,8-HxCDF		0.0000036 J	ND(0.00000050)	NA	ND(0.000000078)	NA
HxCDFs (total)		0.000097	0.0000082	NA	ND(0.00000070)	NA
1,2,3,4,6,7,8-HpCDF		0.000014	ND(0.0000020)	NA	ND(0.00000035)	NA
1,2,3,4,7,8,9-HpCDF		ND(0.0000021)	ND(0.00000038)	NA	ND(0.000000061)	NA
HpCDFs (total)		0.000033	ND(0.0000022)	NA	ND(0.00000035)	NA
OCDF		0.000018	ND(0.0000027)	NA	ND(0.00000031)	NA
Dioxins						
2,3,7,8-TCDD		ND(0.00000012)	ND(0.000000086)	NA	ND(0.000000068)	NA
TCDDs (total)		ND(0.00000020)	ND(0.00000010)	NA	ND(0.000000068)	NA
1,2,3,7,8-PeCDD		ND(0.00000021)	ND(0.00000018)	NA	ND(0.00000014)	NA
PeCDDs (total)		ND(0.0000011)	ND(0.00000046)	NA	ND(0.00000028)	NA
1,2,3,4,7,8-HxCDD		ND(0.00000023)	ND(0.000000077)	NA	ND(0.000000067)	NA
1,2,3,6,7,8-HxCDD		ND(0.0000014)	ND(0.00000020)	NA	ND(0.00000010)	NA
1,2,3,7,8,9-HxCDD		ND(0.0000011)	ND(0.00000034)	NA	ND(0.000000062)	NA
HxCDDs (total)		0.0000041	ND(0.00000058)	NA	ND(0.00000018)	NA
1,2,3,4,6,7,8-HpCDD		0.000015	ND(0.0000024)	NA	ND(0.00000027)	NA
HpCDDs (total)		0.000028	ND(0.0000024)	NA	ND(0.00000028)	NA
OCDD		0.00012	0.000016	NA	ND(0.0000017)	NA
Total TEQs (WHO TEFs)		0.0000055	0.00000075	NA	0.00000017	NA
Inorganics						
Antimony		ND(6.00)	ND(6.00)	NA	0.900 B	NA
Arsenic		1.90	3.30	NA	3.00	NA
Barium		19.0 B	25.0	NA	42.0	NA
Beryllium		0.140 B	0.250 B	NA	0.280 B	NA
Cadmium		0.540	0.710	NA	0.770	NA
Chromium		5.30	8.00	NA	6.60	NA
Cobalt		4.20 B	7.40	NA	6.10	NA
Copper		17.0	9.70	NA	10.0	NA
Cyanide		0.120 B	0.0920 B	NA	ND(0.240)	NA
Lead		13.0	7.10	NA	4.70	NA
Mercury		ND(0.110)	0.0200 B	NA	ND(0.120)	NA
Nickel		7.30	9.00	NA	10.0	NA
Selenium		ND(1.00)	ND(1.00)	NA	ND(1.00)	NA
Silver		0.250 B	ND(1.00)	NA	0.440 B	NA
Sulfide		18.0	12.0	NA	15.0	NA
Thallium		ND(1.10)	3.30	NA	2.20	NA
Tin		1.70 B	2.60 B	NA	1.50 B	NA
Vanadium		12.0	9.40	NA	7.00	NA
Zinc		37.0	61.0	NA	37.0	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-FF8 3-5 02/16/05	RAA10-E-FF8 3-6 02/16/05	RAA10-E-FF10 0-1 02/09/05	RAA10-E-FF10 3-6 02/09/05	RAA10-E-FF10 4-6 02/09/05
Volatile Organics						
1,1,1-Trichloroethane		ND(0.0053)	NA	ND(0.0058)	NA	ND(0.0059)
2-Butanone		ND(0.011)	NA	ND(0.012)	NA	ND(0.012)
4-Methyl-2-pentanone		ND(0.011)	NA	ND(0.012)	NA	ND(0.012)
Acetone		ND(0.021)	NA	ND(0.023)	NA	ND(0.024)
Benzene		ND(0.0053)	NA	ND(0.0058)	NA	ND(0.0059)
Carbon Disulfide		ND(0.0053)	NA	ND(0.0058)	NA	ND(0.0059)
Chlorobenzene		ND(0.0053)	NA	ND(0.0058)	NA	ND(0.0059)
Isobutanol		ND(0.11)	NA	ND(0.12)	NA	ND(0.12)
Methylene Chloride		ND(0.0053)	NA	ND(0.0058)	NA	ND(0.0059)
Styrene		ND(0.0053)	NA	ND(0.0058)	NA	ND(0.0059)
Toluene		ND(0.0053)	NA	ND(0.0058)	NA	ND(0.0059)
Trichloroethene		ND(0.0053)	NA	ND(0.0058)	NA	ND(0.0059)
Xylenes (total)		ND(0.0053)	NA	ND(0.0058)	NA	ND(0.0059)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		NA	ND(0.38)	ND(0.39)	ND(0.38)	NA
1,2,4-Trichlorobenzene		NA	ND(0.38)	ND(0.39)	ND(0.38)	NA
1,4-Dichlorobenzene		NA	ND(0.38)	ND(0.39)	ND(0.38)	NA
2-Methylnaphthalene		NA	ND(0.38)	0.046 J	ND(0.38)	NA
Acenaphthene		NA	ND(0.38)	ND(0.39)	ND(0.38)	NA
Acenaphthylene		NA	ND(0.38)	ND(0.39)	ND(0.38)	NA
Anthracene		NA	ND(0.38)	ND(0.39)	ND(0.38)	NA
Benzo(a)anthracene		NA	ND(0.38)	0.050 J	ND(0.38)	NA
Benzo(a)pyrene		NA	ND(0.38)	0.040 J	ND(0.38)	NA
Benzo(b)fluoranthene		NA	ND(0.38)	ND(0.39)	ND(0.38)	NA
Benzo(g,h,i)perylene		NA	ND(0.38)	ND(0.39)	ND(0.38)	NA
Benzo(k)fluoranthene		NA	ND(0.38)	ND(0.39)	ND(0.38)	NA
bis(2-Ethylhexyl)phthalate		NA	ND(0.37)	ND(0.38)	ND(0.38)	NA
Chrysene		NA	ND(0.38)	0.060 J	ND(0.38)	NA
Dibenzo(a,h)anthracene		NA	ND(0.38)	ND(0.39)	ND(0.38)	NA
Dibenzofuran		NA	ND(0.38)	ND(0.39)	ND(0.38)	NA
Fluoranthene		NA	ND(0.38)	0.11 J	ND(0.38)	NA
Fluorene		NA	ND(0.38)	ND(0.39)	ND(0.38)	NA
Indeno(1,2,3-cd)pyrene		NA	ND(0.38)	ND(0.39)	ND(0.38)	NA
Naphthalene		NA	ND(0.38)	ND(0.39)	ND(0.38)	NA
N-Nitrosomorpholine		NA	ND(0.38)	ND(0.39)	ND(0.38)	NA
Phenanthrene		NA	ND(0.38)	0.083 J	ND(0.38)	NA
Pyrene		NA	ND(0.38)	0.11 J	ND(0.38)	NA
Organochlorine Pesticides						
4,4'-DDD		NA	NA	NA	NA	NA
4,4'-DDE		NA	NA	NA	NA	NA
4,4'-DDT		NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected		NA	NA	NA	NA	NA
Herbicides						
None Detected		NA	NA	NA	NA	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-FF8 3-5 02/16/05	RAA10-E-FF8 3-6 02/16/05	RAA10-E-FF10 0-1 02/09/05	RAA10-E-FF10 3-6 02/09/05	RAA10-E-FF10 4-6 02/09/05
Furans						
2,3,7,8-TCDF		NA	ND(0.00000039)	0.000052 Y	ND(0.00000026)	NA
TCDFs (total)		NA	ND(0.00000039)	0.00023	ND(0.00000029)	NA
1,2,3,7,8-PeCDF		NA	ND(0.00000012)	0.000041	ND(0.00000020)	NA
2,3,4,7,8-PeCDF		NA	ND(0.00000012)	0.000056	ND(0.00000019)	NA
PeCDFs (total)		NA	ND(0.00000019)	0.00050	ND(0.00000033)	NA
1,2,3,4,7,8-HxCDF		NA	ND(0.00000017)	0.00010	ND(0.00000024)	NA
1,2,3,6,7,8-HxCDF		NA	ND(0.00000012)	0.000074	ND(0.00000023)	NA
1,2,3,7,8,9-HxCDF		NA	ND(0.00000013)	ND(0.0000020)	ND(0.00000028)	NA
2,3,4,6,7,8-HxCDF		NA	ND(0.00000013)	0.000029	ND(0.00000025)	NA
HxCDFs (total)		NA	ND(0.00000017)	0.00067	ND(0.00000036)	NA
1,2,3,4,6,7,8-HpCDF		NA	ND(0.00000013)	0.00015	ND(0.00000017)	NA
1,2,3,4,7,8,9-HpCDF		NA	ND(0.00000012)	0.000027	ND(0.00000021)	NA
HpCDFs (total)		NA	ND(0.00000017)	0.00026	ND(0.00000021)	NA
OCDF		NA	ND(0.00000028)	0.000095	ND(0.00000034)	NA
Dioxins						
2,3,7,8-TCDD		NA	ND(0.00000011)	0.00000079 J	ND(0.00000016)	NA
TCDDs (total)		NA	ND(0.00000011)	0.0000021	ND(0.00000026)	NA
1,2,3,7,8-PeCDD		NA	ND(0.00000025)	ND(0.0000026)	ND(0.00000035)	NA
PeCDDs (total)		NA	ND(0.00000025)	ND(0.0000026)	ND(0.00000052)	NA
1,2,3,4,7,8-HxCDD		NA	ND(0.00000017)	ND(0.0000017)	ND(0.00000027)	NA
1,2,3,6,7,8-HxCDD		NA	ND(0.00000016)	0.0000041 J	ND(0.00000024)	NA
1,2,3,7,8,9-HxCDD		NA	ND(0.00000016)	0.0000035 J	ND(0.00000025)	NA
HxCDDs (total)		NA	ND(0.00000022)	0.000039	ND(0.00000027)	NA
1,2,3,4,6,7,8-HpCDD		NA	ND(0.00000041)	0.000037	ND(0.00000028)	NA
HpCDDs (total)		NA	ND(0.00000041)	0.000079	ND(0.00000028)	NA
OCDD		NA	ND(0.0000038)	0.00025	ND(0.0000037)	NA
Total TEQs (WHO TEFs)		NA	0.00000029	0.000061	0.00000041	NA
Inorganics						
Antimony		NA	1.70 B	1.90 B	ND(6.00)	NA
Arsenic		NA	5.60	4.50	3.20	NA
Barium		NA	22.0	50.0	30.0	NA
Beryllium		NA	0.260 B	0.280 B	0.280 B	NA
Cadmium		NA	0.960	0.930	0.620	NA
Chromium		NA	7.20	9.20	8.60	NA
Cobalt		NA	6.80	6.30	7.70	NA
Copper		NA	13.0	23.0	14.0	NA
Cyanide		NA	ND(0.220)	0.180 B	0.0340 B	NA
Lead		NA	6.50	30.0	7.60	NA
Mercury		NA	ND(0.110)	0.0480 B	0.0500 B	NA
Nickel		NA	12.0	11.0	13.0	NA
Selenium		NA	ND(1.00)	ND(1.00)	ND(1.00)	NA
Silver		NA	ND(1.00)	ND(1.00)	ND(1.00)	NA
Sulfide		NA	740	13.0	18.0	NA
Thallium		NA	2.60	2.60	2.30	NA
Tin		NA	1.20 B	3.40 B	2.30 B	NA
Vanadium		NA	7.70	9.70	9.20	NA
Zinc		NA	73.0	64.0	43.0	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-FF10 6-15 02/09/05	RAA10-E-FF10 13-15 02/09/05	RAA10-E-GG6 0-1 02/18/05	RAA10-E-GG9 0-1 02/09/05	RAA10-E-GG11 0-1 02/23/05
Volatile Organics						
1,1,1-Trichloroethane		NA	ND(0.0091)	ND(0.0055)	ND(0.0054)	ND(0.0063)
2-Butanone		NA	0.038	ND(0.011)	ND(0.011)	ND(0.013)
4-Methyl-2-pentanone		NA	ND(0.018)	ND(0.011)	ND(0.011)	ND(0.013)
Acetone		NA	0.56	ND(0.022)	ND(0.022)	ND(0.025)
Benzene		NA	ND(0.0091)	ND(0.0055)	ND(0.0054)	ND(0.0063)
Carbon Disulfide		NA	ND(0.0091)	ND(0.0055)	ND(0.0054)	ND(0.0063)
Chlorobenzene		NA	ND(0.0091)	ND(0.0055)	ND(0.0054)	ND(0.0063)
Isobutanol		NA	ND(0.18)	ND(0.11)	ND(0.11)	ND(0.13)
Methylene Chloride		NA	ND(0.0091)	ND(0.0055)	ND(0.0054)	ND(0.0063)
Styrene		NA	ND(0.0091)	ND(0.0055)	ND(0.0054)	ND(0.0063)
Toluene		NA	ND(0.0091)	ND(0.0055)	ND(0.0054)	ND(0.0063)
Trichloroethene		NA	ND(0.0091)	ND(0.0055)	ND(0.0054)	ND(0.0063)
Xylenes (total)		NA	ND(0.0091)	ND(0.0055)	ND(0.0054)	ND(0.0063)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.44)	NA	ND(0.36)	ND(0.36)	ND(0.42)
1,2,4-Trichlorobenzene		0.21 J	NA	ND(0.36)	ND(0.36)	0.061 J
1,4-Dichlorobenzene		0.13 J	NA	ND(0.36)	ND(0.36)	ND(0.42)
2-Methylnaphthalene		0.063 J	NA	ND(0.36)	ND(0.36)	0.078 J
Acenaphthene		0.085 J	NA	ND(0.36)	ND(0.36)	ND(0.42)
Acenaphthylene		ND(0.44)	NA	ND(0.36)	ND(0.36)	0.065 J
Anthracene		0.13 J	NA	ND(0.36)	ND(0.36)	0.078 J
Benzo(a)anthracene		0.29 J	NA	ND(0.36)	ND(0.36)	0.20 J
Benzo(a)pyrene		0.26 J	NA	ND(0.36)	ND(0.36)	0.16 J
Benzo(b)fluoranthene		0.26 J	NA	ND(0.36)	ND(0.36)	0.16 J
Benzo(g,h,i)perylene		0.12 J	NA	ND(0.36)	ND(0.36)	0.098 J
Benzo(k)fluoranthene		0.21 J	NA	ND(0.36)	ND(0.36)	0.17 J
bis(2-Ethylhexyl)phthalate		ND(0.43)	NA	ND(0.36)	ND(0.35)	ND(0.42)
Chrysene		0.34 J	NA	ND(0.36)	ND(0.36)	0.21 J
Dibenzo(a,h)anthracene		ND(0.44)	NA	ND(0.36)	ND(0.36)	ND(0.42)
Dibenzofuran		0.063 J	NA	ND(0.36)	ND(0.36)	0.052 J
Fluoranthene		0.72	NA	0.061 J	ND(0.36)	0.34 J
Fluorene		0.098 J	NA	ND(0.36)	ND(0.36)	ND(0.42)
Indeno(1,2,3-cd)pyrene		0.11 J	NA	ND(0.36)	ND(0.36)	0.082 J
Naphthalene		0.13 J	NA	ND(0.36)	ND(0.36)	0.11 J
N-Nitrosomorpholine		ND(0.44)	NA	ND(0.36)	ND(0.36)	ND(0.42)
Phenanthrene		0.60	NA	ND(0.36)	ND(0.36)	0.28 J
Pyrene		0.68	NA	0.062 J	ND(0.36)	0.35 J
Organochlorine Pesticides						
4,4'-DDD		NA	NA	NA	NA	NA
4,4'-DDE		NA	NA	NA	NA	NA
4,4'-DDT		NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected		NA	NA	NA	NA	NA
Herbicides						
None Detected		NA	NA	NA	NA	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-FF10 6-15 02/09/05	RAA10-E-FF10 13-15 02/09/05	RAA10-E-GG6 0-1 02/18/05	RAA10-E-GG9 0-1 02/09/05	RAA10-E-GG11 0-1 02/23/05
Furans					
2,3,7,8-TCDF	0.0012 Y	NA	0.0000020 Y	ND(0.00000033)	0.000074 Y
TCDFs (total)	0.0073	NA	0.000016	ND(0.00000033)	0.00036
1,2,3,7,8-PeCDF	0.00084	NA	ND(0.0000014)	ND(0.00000020)	0.000043
2,3,4,7,8-PeCDF	0.0014	NA	ND(0.0000017)	ND(0.00000019)	0.000054
PeCDFs (total)	0.010	NA	0.000023	ND(0.00000052)	0.00086
1,2,3,4,7,8-HxCDF	0.0026	NA	0.0000040 J	ND(0.00000048)	0.00011
1,2,3,6,7,8-HxCDF	0.0016	NA	0.0000036 JI	ND(0.00000037)	0.000075 I
1,2,3,7,8,9-HxCDF	0.000041 J	NA	ND(0.00000046)	ND(0.00000046)	0.0000047 J
2,3,4,6,7,8-HxCDF	0.00050	NA	ND(0.0000021)	ND(0.00000041)	0.000051
HxCDFs (total)	0.015	NA	0.000051	ND(0.00000071)	0.0014
1,2,3,4,6,7,8-HpCDF	0.0031	NA	0.000050	ND(0.00000058)	0.00020
1,2,3,4,7,8,9-HpCDF	0.00064	NA	ND(0.0000016)	ND(0.00000032)	0.000058
HpCDFs (total)	0.0057	NA	0.000088	ND(0.00000058)	0.00052
OCDF	0.0018	NA	0.000030	ND(0.00000044)	0.00021
Dioxins					
2,3,7,8-TCDD	0.000015	NA	ND(0.00000027)	ND(0.00000015)	0.0000014 J
TCDDs (total)	0.00020	NA	ND(0.00000036)	ND(0.00000015)	0.000017
1,2,3,7,8-PeCDD	0.000061	NA	ND(0.00000037)	ND(0.00000029)	0.0000042 J
PeCDDs (total)	0.00033	NA	ND(0.00000046)	ND(0.00000029)	0.0000085
1,2,3,4,7,8-HxCDD	0.000054	NA	ND(0.00000022)	ND(0.00000053)	0.0000048 J
1,2,3,6,7,8-HxCDD	0.00010	NA	ND(0.00000042)	ND(0.00000048)	0.0000096
1,2,3,7,8,9-HxCDD	0.000060	NA	ND(0.00000031)	ND(0.00000049)	0.0000074
HxCDDs (total)	0.0012	NA	ND(0.00000094)	ND(0.00000053)	0.000076
1,2,3,4,6,7,8-HpCDD	0.00091	NA	0.0000040 J	ND(0.00000033)	0.00012
HpCDDs (total)	0.0022	NA	0.0000087	ND(0.00000049)	0.00027
OCDD	0.0074	NA	0.000030	ND(0.0000035)	0.0015
Total TEQs (WHO TEFs)	0.0015	NA	0.0000025	0.00000046	0.000072
Inorganics					
Antimony	3.50 B	NA	ND(6.00)	3.80 B	ND(6.00)
Arsenic	5.40	NA	2.20	1.70	4.20
Barium	93.0	NA	13.0 B	6.60 B	130
Beryllium	0.290 B	NA	0.150 B	0.0530 B	0.670
Cadmium	1.20	NA	0.100 B	0.170 B	0.380 B
Chromium	35.0	NA	4.70	1.40	26.0
Cobalt	9.10	NA	21.0	0.700 B	9.10
Copper	220	NA	13.0	2.90	40.0
Cyanide	0.120 B	NA	ND(0.110)	ND(0.540)	0.120 B
Lead	90.0	NA	5.10	2.90	30.0
Mercury	0.610	NA	ND(0.110)	ND(0.110)	0.170
Nickel	20.0	NA	6.90	3.30 B	19.0
Selenium	ND(1.00)	NA	ND(1.00)	ND(1.00)	0.780 B
Silver	0.130 B	NA	ND(1.00)	ND(1.00)	0.160 B
Sulfide	170	NA	7.00	3000	14.0
Thallium	3.90	NA	ND(1.10)	ND(1.10)	ND(1.30)
Tin	12.0	NA	1.90 B	1.20 B	4.80 B
Vanadium	10.0	NA	2.70 B	2.00 B	20.0
Zinc	240	NA	39.0	19.0	88.0

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-GG13 0-1 02/22/05	RAA10-E-HH4 1-3 02/17/05	RAA10-E-HH4 3-6 02/17/05	RAA10-E-HH4 4-6 02/17/05
Volatile Organics					
1,1,1-Trichloroethane		ND(0.0069) [ND(0.032)]	ND(0.0056)	NA	ND(0.0060)
2-Butanone		ND(0.014) [ND(0.032)]	ND(0.011)	NA	ND(0.012)
4-Methyl-2-pentanone		ND(0.014) [ND(0.032)]	ND(0.011)	NA	ND(0.012)
Acetone		0.036 [ND(0.032)]	ND(0.022)	NA	ND(0.024)
Benzene		ND(0.0069) [ND(0.032)]	ND(0.0056)	NA	ND(0.0060)
Carbon Disulfide		ND(0.0069) [ND(0.032)]	ND(0.0056)	NA	ND(0.0060)
Chlorobenzene		ND(0.0069) [ND(0.032)]	ND(0.0056)	NA	ND(0.0060)
Isobutanol		ND(0.14) [ND(0.13)]	ND(0.11)	NA	ND(0.12)
Methylene Chloride		0.090 [ND(0.032)]	ND(0.0056)	NA	ND(0.0060)
Styrene		ND(0.0069) [ND(0.032)]	ND(0.0056)	NA	ND(0.0060)
Toluene		0.073 [ND(0.032)]	ND(0.0056)	NA	ND(0.0060)
Trichloroethene		ND(0.0069) [ND(0.032)]	ND(0.0056)	NA	ND(0.0060)
Xylenes (total)		ND(0.0069) [ND(0.032)]	ND(0.0056)	NA	ND(0.0060)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		ND(4.6) [ND(0.42)]	ND(3.8)	ND(0.38)	NA
1,2,4-Trichlorobenzene		ND(4.6) [ND(0.42)]	ND(3.8)	ND(0.38)	NA
1,4-Dichlorobenzene		ND(4.6) [ND(0.42)]	ND(3.8)	ND(0.38)	NA
2-Methylnaphthalene		ND(4.6) [0.068 J]	ND(3.8)	ND(0.38)	NA
Acenaphthene		ND(4.6) [0.14 J]	ND(3.8)	ND(0.38)	NA
Acenaphthylene		0.50 J [0.041 J]	ND(3.8)	ND(0.38)	NA
Anthracene		0.52 J [0.26 J]	ND(3.8)	ND(0.38)	NA
Benzo(a)anthracene		1.8 J [0.25 J]	0.40 J	ND(0.38)	NA
Benzo(a)pyrene		1.2 J [0.088 J]	ND(3.8)	ND(0.38)	NA
Benzo(b)fluoranthene		1.4 J [0.086 J]	ND(3.8)	ND(0.38)	NA
Benzo(g,h,i)perylene		0.58 J [0.023 J]	ND(3.8)	ND(0.38)	NA
Benzo(k)fluoranthene		1.8 J [0.14 J]	ND(3.8)	ND(0.38)	NA
bis(2-Ethylhexyl)phthalate		ND(2.3) [ND(0.42)]	ND(1.9)	ND(0.38)	NA
Chrysene		2.0 J [0.24 J]	0.46 J	ND(0.38)	NA
Dibenzo(a,h)anthracene		ND(4.6) [ND(0.42)]	ND(3.8)	ND(0.38)	NA
Dibenzofuran		ND(4.6) [0.10 J]	ND(3.8)	ND(0.38)	NA
Fluoranthene		2.7 J [0.95]	0.74 J	ND(0.38)	NA
Fluorene		ND(4.6) [0.12 J]	ND(3.8)	ND(0.38)	NA
Indeno(1,2,3-cd)pyrene		ND(4.6) [ND(0.42)]	ND(3.8)	ND(0.38)	NA
Naphthalene		ND(4.6) [0.17 J]	ND(3.8)	ND(0.38)	NA
N-Nitrosomorpholine		ND(4.6) [ND(0.42)]	ND(3.8)	ND(0.38)	NA
Phenanthrene		0.98 J [0.90]	ND(3.8)	ND(0.38)	NA
Pyrene		3.7 J [0.96]	0.80 J	ND(0.38)	NA
Organochlorine Pesticides					
4,4'-DDD		NA	NA	NA	NA
4,4'-DDE		NA	NA	NA	NA
4,4'-DDT		NA	NA	NA	NA
Organophosphate Pesticides					
None Detected		NA	NA	NA	NA
Herbicides					
None Detected		NA	NA	NA	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-GG13 0-1 02/22/05	RAA10-E-HH4 1-3 02/17/05	RAA10-E-HH4 3-6 02/17/05	RAA10-E-HH4 4-6 02/17/05
Furans					
2,3,7,8-TCDF		0.00010 Y [0.00014 Y]	0.0000020 Y	ND(0.00000043)	NA
TCDFs (total)		0.00044 [0.00077]	0.000018	ND(0.00000043)	NA
1,2,3,7,8-PeCDF		0.000065 J [0.000079]	ND(0.0000014)	ND(0.00000076)	NA
2,3,4,7,8-PeCDF		0.000083 [0.00012]	ND(0.0000018)	ND(0.00000080)	NA
PeCDFs (total)		0.00043 [0.00061]	0.000023	ND(0.00000080)	NA
1,2,3,4,7,8-HxCDF		0.00018 [0.00023]	0.0000029 J	ND(0.00000092)	NA
1,2,3,6,7,8-HxCDF		0.00013 [0.00014]	0.0000037 JI	ND(0.00000092)	NA
1,2,3,7,8,9-HxCDF		ND(0.0000049) [ND(0.0000057)]	ND(0.00000071)	ND(0.00000082)	NA
2,3,4,6,7,8-HxCDF		0.000049 J [0.000052 J]	ND(0.0000021)	ND(0.00000086)	NA
HxCDFs (total)		0.00075 [0.0011]	0.000026	ND(0.00000092)	NA
1,2,3,4,6,7,8-HpCDF		0.00025 [0.00031]	0.0000070	ND(0.00000090)	NA
1,2,3,4,7,8,9-HpCDF		0.000053 J [0.000063 J]	ND(0.0000019)	ND(0.00000060)	NA
HpCDFs (total)		0.00043 [0.00052]	0.000013	ND(0.00000090)	NA
OCDF		0.00018 [0.00019]	0.0000092 J	ND(0.00000086)	NA
Dioxins					
2,3,7,8-TCDD		ND(0.0000044) [ND(0.0000041)]	ND(0.00000015)	ND(0.00000039)	NA
TCDDs (total)		ND(0.0000056) [0.000021]	ND(0.00000044)	ND(0.00000039)	NA
1,2,3,7,8-PeCDD		ND(0.0000043) [ND(0.0000052)]	ND(0.00000049)	ND(0.00000059)	NA
PeCDDs (total)		ND(0.000016) [ND(0.000010)]	ND(0.00000062)	ND(0.00000059)	NA
1,2,3,4,7,8-HxCDD		ND(0.0000024) [ND(0.0000044)]	ND(0.00000067)	ND(0.00000067)	NA
1,2,3,6,7,8-HxCDD		ND(0.0000057) [ND(0.0000076)]	ND(0.00000096)	ND(0.00000057)	NA
1,2,3,7,8,9-HxCDD		ND(0.0000064) [ND(0.0000068)]	ND(0.00000099)	ND(0.00000059)	NA
HxCDDs (total)		0.000042 [ND(0.000026)]	ND(0.0000012)	ND(0.00000067)	NA
1,2,3,4,6,7,8-HpCDD		0.000058 J [0.000075]	0.0000072	ND(0.00000093)	NA
HpCDDs (total)		0.00012 [0.00015]	0.000012	ND(0.00000093)	NA
OCDD		0.00056 [0.00055]	0.000047	ND(0.0000037)	NA
Total TEQs (WHO TEFs)		0.00010 [0.00013]	0.0000021	0.0000010	NA
Inorganics					
Antimony		7.90 [7.00]	ND(6.00)	ND(6.00)	NA
Arsenic		39.0 [47.0]	4.50	2.30	NA
Barium		54.0 [51.0]	20.0 B	21.0	NA
Beryllium		0.440 B [0.540]	0.290 B	0.330 B	NA
Cadmium		0.280 B [0.240 B]	ND(0.500)	ND(0.500)	NA
Chromium		11.0 [13.0]	8.30	8.00	NA
Cobalt		8.90 [8.80]	12.0	8.40	NA
Copper		63.0 [130]	12.0	10.0	NA
Cyanide		0.370 [0.200]	0.0700 B	ND(0.110)	NA
Lead		110 [160]	9.20	5.20	NA
Mercury		0.430 [0.380]	0.0270 B	ND(0.110)	NA
Nickel		15.0 [24.0]	13.0	13.0	NA
Selenium		2.30 [3.20]	1.30	1.20	NA
Silver		0.270 B [0.130 B]	ND(1.00)	ND(1.00)	NA
Sulfide		40.0 [20.0]	11.0	11.0	NA
Thallium		ND(1.40) [ND(1.30)]	ND(1.10)	ND(1.10)	NA
Tin		10.0 B [12.0]	3.40 B	1.80 B	NA
Vanadium		14.0 [15.0]	9.20	8.70	NA
Zinc		85.0 [110]	46.0	44.0	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-HH5 0-1 02/17/05	RAA10-E-HH6 1-3 02/17/05	RAA10-E-HH6 6-15 02/17/05	RAA10-E-HH6 12-14 02/17/05	RAA10-E-HH11 3-6 02/24/05
Volatile Organics					
1,1,1-Trichloroethane	ND(0.033)	ND(0.0063)	NA	ND(0.0056)	NA
2-Butanone	ND(0.033)	ND(0.013)	NA	ND(0.011)	NA
4-Methyl-2-pentanone	ND(0.033)	ND(0.013)	NA	ND(0.011)	NA
Acetone	ND(0.033)	ND(0.025)	NA	ND(0.022)	NA
Benzene	ND(0.033)	ND(0.0063)	NA	ND(0.0056)	NA
Carbon Disulfide	ND(0.033)	ND(0.0063)	NA	ND(0.0056)	NA
Chlorobenzene	ND(0.033)	ND(0.0063)	NA	ND(0.0056)	NA
Isobutanol	ND(0.13)	0.014 J	NA	ND(0.11)	NA
Methylene Chloride	ND(0.033)	ND(0.0063)	NA	ND(0.0056)	NA
Styrene	ND(0.033)	ND(0.0063)	NA	ND(0.0056)	NA
Toluene	ND(0.033)	ND(0.0063)	NA	ND(0.0056)	NA
Trichloroethene	0.14	0.0056 J	NA	ND(0.0056)	NA
Xylenes (total)	ND(0.033)	ND(0.0063)	NA	ND(0.0056)	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.44)	ND(4.2)	ND(0.37)	NA	ND(5.5)
1,2,4-Trichlorobenzene	ND(0.44)	ND(4.2)	ND(0.37)	NA	ND(5.5)
1,4-Dichlorobenzene	ND(0.44)	ND(4.2)	ND(0.37)	NA	0.58 J
2-Methylnaphthalene	ND(0.44)	ND(4.2)	ND(0.37)	NA	ND(5.5)
Acenaphthene	0.24 J	ND(4.2)	ND(0.37)	NA	ND(5.5)
Acenaphthylene	ND(0.44)	ND(4.2)	ND(0.37)	NA	1.9 J
Anthracene	0.35 J	ND(4.2)	ND(0.37)	NA	2.6 J
Benzo(a)anthracene	0.81	ND(4.2)	ND(0.37)	NA	8.6
Benzo(a)pyrene	0.47	ND(4.2)	ND(0.37)	NA	6.8
Benzo(b)fluoranthene	0.37 J	ND(4.2)	ND(0.37)	NA	5.3 J
Benzo(g,h,i)perylene	0.15 J	ND(4.2)	ND(0.37)	NA	3.2 J
Benzo(k)fluoranthene	0.60	ND(4.2)	ND(0.37)	NA	6.3
bis(2-Ethylhexyl)phthalate	ND(0.43)	ND(2.1)	ND(0.36)	NA	ND(2.7)
Chrysene	0.93	ND(4.2)	ND(0.37)	NA	10
Dibenzo(a,h)anthracene	ND(0.44)	ND(4.2)	ND(0.37)	NA	0.76 J
Dibenzofuran	0.12 J	ND(4.2)	ND(0.37)	NA	ND(5.5)
Fluoranthene	2.7	ND(4.2)	ND(0.37)	NA	17
Fluorene	0.17 J	ND(4.2)	ND(0.37)	NA	0.88 J
Indeno(1,2,3-cd)pyrene	0.12 J	ND(4.2)	ND(0.37)	NA	3.1 J
Naphthalene	0.050 J	ND(4.2)	ND(0.37)	NA	ND(5.5)
N-Nitrosomorpholine	ND(0.44)	ND(4.2)	ND(0.37)	NA	ND(5.5)
Phenanthrene	2.0	ND(4.2)	ND(0.37)	NA	7.8
Pyrene	2.4	ND(4.2)	ND(0.37)	NA	16
Organochlorine Pesticides					
4,4'-DDD	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	NA	NA	NA	NA	NA
Herbicides					
None Detected	NA	NA	NA	NA	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-HH5 0-1 02/17/05	RAA10-E-HH6 1-3 02/17/05	RAA10-E-HH6 6-15 02/17/05	RAA10-E-HH6 12-14 02/17/05	RAA10-E-HH11 3-6 02/24/05
Furans						
2,3,7,8-TCDF		0.0000075 Y	0.000013 Y	ND(0.00000033) Y	NA	0.00020 Y
TCDFs (total)		0.000073	0.00014	0.0000029	NA	0.0013
1,2,3,7,8-PeCDF		0.0000043 J	0.0000047 J	ND(0.00000025)	NA	0.000049
2,3,4,7,8-PeCDF		0.0000055 J	0.0000089	ND(0.00000044)	NA	0.000054
PeCDFs (total)		0.00011	0.00026	0.0000066	NA	0.0021
1,2,3,4,7,8-HxCDF		0.000011	0.0000092	ND(0.00000083)	NA	0.00020
1,2,3,6,7,8-HxCDF		0.0000087 I	0.0000071	ND(0.00000064)	NA	0.00011
1,2,3,7,8,9-HxCDF		ND(0.00000045)	ND(0.00000053)	ND(0.00000036)	NA	0.0000098
2,3,4,6,7,8-HxCDF		0.0000047 J	0.0000071	ND(0.00000042)	NA	0.000051
HxCDFs (total)		0.00011	0.00022	0.0000064	NA	0.0020
1,2,3,4,6,7,8-HpCDF		0.000041	0.00019	ND(0.0000023)	NA	0.00031
1,2,3,4,7,8,9-HpCDF		ND(0.0000034)	0.0000033 J	ND(0.00000021)	NA	0.00011
HpCDFs (total)		0.000072	0.00034	ND(0.0000023)	NA	0.00076
OCDF		0.000032	0.000090	ND(0.0000017)	NA	0.00050
Dioxins						
2,3,7,8-TCDD		ND(0.00000019)	ND(0.00000025)	ND(0.00000011)	NA	0.0000030
TCDDs (total)		ND(0.00000086)	ND(0.00000055)	ND(0.00000011)	NA	0.000039
1,2,3,7,8-PeCDD		ND(0.00000048)	ND(0.00000098)	ND(0.00000026)	NA	0.000012
PeCDDs (total)		ND(0.0000020)	ND(0.0000025)	ND(0.00000059)	NA	0.000067
1,2,3,4,7,8-HxCDD		ND(0.00000082)	ND(0.00000089)	ND(0.00000025)	NA	0.000011
1,2,3,6,7,8-HxCDD		ND(0.0000011)	ND(0.0000031)	ND(0.00000023)	NA	0.000044
1,2,3,7,8,9-HxCDD		ND(0.0000018)	ND(0.0000024)	ND(0.00000023)	NA	0.000026
HxCDDs (total)		0.0000055	0.000015	ND(0.00000040)	NA	0.00044
1,2,3,4,6,7,8-HpCDD		0.000043	0.000054	ND(0.0000020)	NA	0.00016
HpCDDs (total)		0.00010	0.00014	ND(0.0000022)	NA	0.00035
OCDD		0.00076	0.00043	0.000012	NA	0.00075
Total TEQs (WHO TEFs)		0.0000076	0.000012	0.00000049	NA	0.00012
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	NA	ND(6.00)
Arsenic		5.50	4.00	6.20	NA	6.90
Barium		72.0	15.0 B	67.0	NA	64.0
Beryllium		0.370 B	0.200 B	0.310 B	NA	0.410 B
Cadmium		0.130 B	ND(0.500)	0.0780 B	NA	0.620
Chromium		12.0	5.20	6.10	NA	100
Cobalt		35.0	5.30	19.0	NA	7.90
Copper		31.0	7.80	12.0	NA	73.0
Cyanide		0.120 B	0.130	0.0320 B	NA	0.240
Lead		73.0	11.0	20.0	NA	73.0
Mercury		0.290	0.0820 B	ND(0.110)	NA	0.770
Nickel		13.0	4.70	12.0	NA	19.0
Selenium		0.980 B	0.670 B	1.80	NA	1.90
Silver		0.600 B	ND(1.00)	ND(1.00)	NA	16.0
Sulfide		38.0	ND(6.30)	ND(5.50)	NA	180
Thallium		ND(1.30)	ND(1.30)	ND(1.10)	NA	ND(1.60)
Tin		11.0	1.90 B	1.80 B	NA	8.50 B
Vanadium		16.0	8.10	7.40	NA	17.0
Zinc		84.0	28.0	36.0	NA	210

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-HH11 4-6 02/24/05	RAA10-E-HH99 0-1 02/17/05	RAA10-E-II6 0-1 02/17/05	RAA10-E-II10 0-1 02/10/05
Volatile Organics				
1,1,1-Trichloroethane	ND(0.0056)	ND(0.0054)	ND(0.0063)	ND(0.0054) [ND(0.0054)]
2-Butanone	0.013	ND(0.011)	ND(0.012)	ND(0.011) [ND(0.011)]
4-Methyl-2-pentanone	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011) [ND(0.011)]
Acetone	0.039	ND(0.022)	ND(0.025)	ND(0.022) [ND(0.022)]
Benzene	0.022	ND(0.0054)	ND(0.0063)	ND(0.0054) [ND(0.0054)]
Carbon Disulfide	ND(0.0056)	ND(0.0054)	ND(0.0063)	ND(0.0054) [ND(0.0054)]
Chlorobenzene	0.52	ND(0.0054)	ND(0.0063)	ND(0.0054) [ND(0.0054)]
Isobutanol	ND(0.11)	ND(0.11)	ND(0.12)	ND(0.11) [ND(0.11)]
Methylene Chloride	ND(0.0056)	ND(0.0054)	ND(0.0063)	ND(0.0054) [ND(0.0054)]
Styrene	ND(0.0056)	ND(0.0054)	ND(0.0063)	ND(0.0054) [ND(0.0054)]
Toluene	ND(0.0056)	ND(0.0054)	ND(0.0063)	ND(0.0054) [ND(0.0054)]
Trichloroethene	ND(0.0056)	ND(0.0054)	0.0057 J	ND(0.0054) [ND(0.0054)]
Xylenes (total)	ND(0.0056)	ND(0.0054)	ND(0.0063)	ND(0.0054) [ND(0.0054)]
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	NA	ND(3.6)	ND(0.42)	ND(0.36) [ND(0.36)]
1,2,4-Trichlorobenzene	NA	ND(3.6)	ND(0.42)	ND(0.36) [ND(0.36)]
1,4-Dichlorobenzene	NA	ND(3.6)	ND(0.42)	ND(0.36) [ND(0.36)]
2-Methylnaphthalene	NA	ND(3.6)	ND(0.42)	ND(0.36) [ND(0.36)]
Acenaphthene	NA	ND(3.6)	ND(0.42)	ND(0.36) [0.060 J]
Acenaphthylene	NA	ND(3.6)	0.22 J	0.036 J [0.051 J]
Anthracene	NA	ND(3.6)	0.12 J	0.085 J [0.11 J]
Benzo(a)anthracene	NA	ND(3.6)	0.60	0.25 J [0.37]
Benzo(a)pyrene	NA	ND(3.6)	0.52	0.23 J [0.33 J]
Benzo(b)fluoranthene	NA	ND(3.6)	0.42 J	0.19 J [0.26 J]
Benzo(g,h,i)perylene	NA	ND(3.6)	0.28 J	0.11 J [0.17 J]
Benzo(k)fluoranthene	NA	ND(3.6)	0.68	0.23 J [0.36]
bis(2-Ethylhexyl)phthalate	NA	ND(1.8)	ND(0.41)	ND(0.36) [0.31 J]
Chrysene	NA	ND(3.6)	0.64	0.30 J [0.37]
Dibenzo(a,h)anthracene	NA	ND(3.6)	ND(0.42)	ND(0.36) [ND(0.36)]
Dibenzofuran	NA	ND(3.6)	ND(0.42)	ND(0.36) [ND(0.36)]
Fluoranthene	NA	ND(3.6)	1.0	0.56 [0.78]
Fluorene	NA	ND(3.6)	ND(0.42)	0.040 J [0.049 J]
Indeno(1,2,3-cd)pyrene	NA	ND(3.6)	0.16 J	0.082 J [0.13 J]
Naphthalene	NA	ND(3.6)	ND(0.42)	ND(0.36) [ND(0.36)]
N-Nitrosomorpholine	NA	ND(3.6)	ND(0.42)	ND(0.36) [ND(0.36)]
Phenanthrene	NA	ND(3.6)	0.21 J	0.38 [0.48]
Pyrene	NA	ND(3.6)	1.1	0.52 [0.71]
Organochlorine Pesticides				
4,4'-DDD	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA
Organophosphate Pesticides				
None Detected	NA	NA	NA	NA
Herbicides				
None Detected	NA	NA	NA	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-HH11 4-6 02/24/05	RAA10-E-HH99 0-1 02/17/05	RAA10-E-II6 0-1 02/17/05	RAA10-E-II10 0-1 02/10/05
Furans					
2,3,7,8-TCDF		NA	ND(0.00000023)	0.0000090 Y	0.000088 Y [0.000062 Y]
TCDFs (total)		NA	ND(0.00000029)	0.000060	0.00047 [0.00034]
1,2,3,7,8-PeCDF		NA	ND(0.00000023)	0.0000050 J	0.000069 [0.000052]
2,3,4,7,8-PeCDF		NA	ND(0.00000032)	0.0000075	0.000085 [0.000061]
PeCDFs (total)		NA	ND(0.00000082)	0.00011	0.00088 [0.00065]
1,2,3,4,7,8-HxCDF		NA	ND(0.00000046)	0.000012	0.00023 [0.00016]
1,2,3,6,7,8-HxCDF		NA	ND(0.00000036)	0.0000090	0.00013 I [0.00010 I]
1,2,3,7,8,9-HxCDF		NA	ND(0.00000024)	ND(0.00000047)	ND(0.0000024) [ND(0.0000015)]
2,3,4,6,7,8-HxCDF		NA	ND(0.00000036)	0.0000061	0.000047 [0.000035]
HxCDFs (total)		NA	ND(0.0000012)	0.00013	0.0011 [0.00083]
1,2,3,4,6,7,8-HpCDF		NA	ND(0.00000094)	0.000029	0.00026 [0.00017]
1,2,3,4,7,8,9-HpCDF		NA	ND(0.00000031)	0.0000040 J	0.000054 [0.000038]
HpCDFs (total)		NA	ND(0.00000094)	0.000058	0.00045 [0.00031]
OCDF		NA	ND(0.0000011)	0.000023	0.00032 [0.00022]
Dioxins					
2,3,7,8-TCDD		NA	ND(0.00000011)	ND(0.00000023)	0.0000017 [0.0000012]
TCDDs (total)		NA	ND(0.00000011)	0.00000084	0.000016 [0.0000087]
1,2,3,7,8-PeCDD		NA	ND(0.00000017)	ND(0.00000064)	0.0000089 [0.0000061]
PeCDDs (total)		NA	ND(0.00000017)	ND(0.0000015)	0.000033 [0.000018]
1,2,3,4,7,8-HxCDD		NA	ND(0.00000016)	ND(0.0000011)	0.0000064 [0.0000045 J]
1,2,3,6,7,8-HxCDD		NA	ND(0.00000020)	ND(0.0000024)	0.000012 [0.0000095]
1,2,3,7,8,9-HxCDD		NA	ND(0.00000018)	ND(0.0000024)	0.000012 [0.0000090]
HxCDDs (total)		NA	ND(0.00000020)	0.000012	0.00015 [0.00011]
1,2,3,4,6,7,8-HpCDD		NA	ND(0.0000018)	0.000036	0.000054 [0.000044]
HpCDDs (total)		NA	ND(0.0000021)	0.000068	0.00012 [0.000095]
OCDD		NA	0.000025	0.00025	0.00014 [0.00018]
Total TEQs (WHO TEFs)		NA	0.00000035	0.0000091	0.00011 [0.000081]
Inorganics					
Antimony		NA	ND(6.00)	ND(6.00)	2.30 B [3.70 B]
Arsenic		NA	5.10	5.20	2.50 [3.60]
Barium		NA	33.0	23.0	19.0 B [25.0]
Beryllium		NA	0.160 B	0.300 B	0.0960 B [0.240 B]
Cadmium		NA	ND(0.500)	0.370 B	0.320 B [0.650]
Chromium		NA	5.80	34.0	4.60 [6.00]
Cobalt		NA	7.50	65.0	3.80 B [4.10 B]
Copper		NA	10.0	38.0	10.0 [15.0]
Cyanide		NA	ND(0.540)	0.0550 B	ND(0.540) [ND(0.540)]
Lead		NA	6.80	32.0	17.0 [20.0]
Mercury		NA	ND(0.110)	0.0510 B	0.0290 B [0.0310 B]
Nickel		NA	12.0	14.0	7.00 [8.60]
Selenium		NA	1.10	1.40	ND(1.00) [0.550 B]
Silver		NA	ND(1.00)	0.230 B	0.220 B [0.230 B]
Sulfide		NA	12.0	16.0	14.0 [310]
Thallium		NA	ND(1.10)	ND(1.20)	2.40 [3.50]
Tin		NA	2.10 B	4.40 B	3.30 B [3.80 B]
Vanadium		NA	6.30	10.0	4.80 B [5.60]
Zinc		NA	37.0	66.0	41.0 [49.0]

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-JJ8 3-6 02/11/05	RAA10-E-JJ8 4-6 02/11/05	RAA10-E-JJ11 0-1 02/21/05	RAA10-E-KK8 0-1 02/11/05	RAA10-E-KK10 0-1 02/10/05
Volatile Organics						
1,1,1-Trichloroethane		NA	ND(0.0057)	ND(0.0057)	ND(0.0056)	ND(0.0054)
2-Butanone		NA	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)
4-Methyl-2-pentanone		NA	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)
Acetone		NA	ND(0.023)	ND(0.023)	ND(0.022)	ND(0.021)
Benzene		NA	ND(0.0057)	ND(0.0057)	ND(0.0056)	ND(0.0054)
Carbon Disulfide		NA	ND(0.0057)	ND(0.0057)	ND(0.0056)	ND(0.0054)
Chlorobenzene		NA	ND(0.0057)	ND(0.0057)	ND(0.0056)	ND(0.0054)
Isobutanol		NA	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)
Methylene Chloride		NA	ND(0.0057)	ND(0.0057)	ND(0.0056)	ND(0.0054)
Styrene		NA	ND(0.0057)	ND(0.0057)	ND(0.0056)	ND(0.0054)
Toluene		NA	ND(0.0057)	ND(0.0057)	ND(0.0056)	ND(0.0054)
Trichloroethene		NA	0.83	ND(0.0057)	ND(0.0056)	ND(0.0054)
Xylenes (total)		NA	ND(0.0057)	ND(0.0057)	ND(0.0056)	ND(0.0054)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		4.0 J	NA	ND(0.38)	ND(0.37)	ND(0.36)
1,2,4-Trichlorobenzene		1.6 J	NA	ND(0.38)	ND(0.37)	ND(0.36)
1,4-Dichlorobenzene		ND(4.2)	NA	ND(0.38)	ND(0.37)	ND(0.36)
2-Methylnaphthalene		2.4 J	NA	ND(0.38)	ND(0.37)	ND(0.36)
Acenaphthene		ND(4.2)	NA	ND(0.38)	ND(0.37)	0.042 J
Acenaphthylene		ND(4.2)	NA	0.17 J	ND(0.37)	0.082 J
Anthracene		ND(4.2)	NA	0.075 J	0.039 J	0.089 J
Benzo(a)anthracene		ND(4.2)	NA	0.39	0.18 J	0.46
Benzo(a)pyrene		ND(4.2)	NA	0.38	0.13 J	0.38
Benzo(b)fluoranthene		ND(4.2)	NA	0.32 J	0.11 J	0.37
Benzo(g,h,i)perylene		ND(4.2)	NA	0.20 J	ND(0.37)	0.19 J
Benzo(k)fluoranthene		ND(4.2)	NA	0.51	0.20 J	0.50
bis(2-Ethylhexyl)phthalate		ND(2.1)	NA	0.41	ND(0.37)	ND(0.35)
Chrysene		ND(4.2)	NA	0.43	0.23 J	0.50
Dibenzo(a,h)anthracene		ND(4.2)	NA	ND(0.38)	ND(0.37)	0.050 J
Dibenzofuran		ND(4.2)	NA	ND(0.38)	ND(0.37)	ND(0.36)
Fluoranthene		0.70 J	NA	0.56	0.36 J	0.84
Fluorene		ND(4.2)	NA	ND(0.38)	ND(0.37)	ND(0.36)
Indeno(1,2,3-cd)pyrene		ND(4.2)	NA	0.14 J	ND(0.37)	0.16 J
Naphthalene		ND(4.2)	NA	ND(0.38)	ND(0.37)	ND(0.36)
N-Nitrosomorpholine		ND(4.2)	NA	ND(0.38)	ND(0.37)	ND(0.36)
Phenanthrene		1.3 J	NA	0.16 J	0.14 J	0.32 J
Pyrene		0.66 J	NA	0.62	0.36 J	0.89
Organochlorine Pesticides						
4,4'-DDD		NA	NA	NA	NA	NA
4,4'-DDE		NA	NA	NA	NA	NA
4,4'-DDT		NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected		NA	NA	NA	NA	NA
Herbicides						
None Detected		NA	NA	NA	NA	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-JJ8 3-6 02/11/05	RAA10-E-JJ8 4-6 02/11/05	RAA10-E-JJ11 0-1 02/21/05	RAA10-E-KK8 0-1 02/11/05	RAA10-E-KK10 0-1 02/10/05
Furans						
2,3,7,8-TCDF		0.0012 Y	NA	0.000012 Y	0.000019 Y	0.000020 Y
TCDFs (total)		0.0036	NA	0.000088	0.00011	0.00014
1,2,3,7,8-PeCDF		0.00062	NA	0.0000082	0.000010	0.000014
2,3,4,7,8-PeCDF		0.00072	NA	0.000014	0.000014	0.000020
PeCDFs (total)		0.0056	NA	0.00025	0.00021	0.00040
1,2,3,4,7,8-HxCDF		0.0018	NA	0.000024	0.000028	0.000039
1,2,3,6,7,8-HxCDF		0.00095 I	NA	0.000018 I	0.000017 I	0.000026
1,2,3,7,8,9-HxCDF		0.000035	NA	ND(0.00000056)	ND(0.0000013)	ND(0.00000046)
2,3,4,6,7,8-HxCDF		0.00028	NA	0.000013	0.000011	0.000017
HxCDFs (total)		0.0072	NA	0.00033	0.00026	0.00041
1,2,3,4,6,7,8-HpCDF		0.0016	NA	0.000044	0.000071	0.000049
1,2,3,4,7,8,9-HpCDF		0.00051	NA	0.0000065	0.0000073	0.0000095
HpCDFs (total)		0.0030	NA	0.000097	0.00013	0.00011
OCDF		0.0014	NA	0.000043	0.000043	0.000051
Dioxins						
2,3,7,8-TCDD		0.000015	NA	ND(0.00000035)	ND(0.00000037)	ND(0.00000024)
TCDDs (total)		0.00013	NA	ND(0.0000011)	0.00000073	0.0000023
1,2,3,7,8-PeCDD		0.000075	NA	ND(0.0000028)	ND(0.00000093)	ND(0.0000017)
PeCDDs (total)		0.00035	NA	0.0000078	ND(0.0000029)	ND(0.0000070)
1,2,3,4,7,8-HxCDD		0.000060	NA	ND(0.0000019)	ND(0.00000087)	ND(0.0000012)
1,2,3,6,7,8-HxCDD		0.000066	NA	0.0000078	ND(0.0000020)	0.0000042 J
1,2,3,7,8,9-HxCDD		0.000059	NA	0.0000046 J	ND(0.0000016)	0.0000029 J
HxCDDs (total)		0.00096	NA	0.000073	0.0000076	0.000031
1,2,3,4,6,7,8-HpCDD		0.00029	NA	0.000047	0.0000099	0.000035
HpCDDs (total)		0.00067	NA	0.00010	0.000021	0.000072
OCDD		0.00046	NA	0.00031	0.000047	0.00023
Total TEQs (WHO TEFs)		0.00095	NA	0.000018	0.000017	0.000024
Inorganics						
Antimony		2.40 B	NA	ND(6.00)	ND(6.00)	1.10 B
Arsenic		7.50	NA	6.10	2.70	4.20
Barium		75.0	NA	89.0	34.0	22.0
Beryllium		0.360 B	NA	0.250 B	0.400 B	0.140 B
Cadmium		0.660	NA	0.150 B	0.290 B	0.530
Chromium		15.0	NA	10.0	12.0	6.20
Cobalt		6.70	NA	9.60	8.70	4.90 B
Copper		250	NA	19.0	14.0	15.0
Cyanide		0.120 B	NA	0.0880 B	0.0710 B	0.0770 B
Lead		430	NA	28.0	15.0	18.0
Mercury		0.420	NA	ND(0.110)	ND(0.110)	ND(0.110)
Nickel		13.0	NA	13.0	12.0	9.20
Selenium		1.10	NA	1.30	1.00	ND(1.00)
Silver		ND(1.00)	NA	0.180 B	ND(1.00)	0.300 B
Sulfide		26.0	NA	160	14.0	15.0
Thallium		ND(1.20)	NA	ND(1.10)	ND(1.10)	3.00
Tin		100	NA	3.70 B	4.20 B	2.50 B
Vanadium		14.0	NA	11.0	11.0	9.70
Zinc		170	NA	57.0	72.0	45.0

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-LL8 1-3 02/10/05	RAA10-E-LL8 3-6 02/10/05	RAA10-E-LL8 4-6 02/10/05	RAA10-E-LL8 6-15 02/10/05	RAA10-E-LL8 12-14 02/10/05
Volatile Organics					
1,1,1-Trichloroethane	ND(0.0056)	NA	ND(0.0056)	NA	ND(0.0055)
2-Butanone	ND(0.011)	NA	ND(0.011)	NA	ND(0.011)
4-Methyl-2-pentanone	ND(0.011)	NA	ND(0.011)	NA	ND(0.011)
Acetone	0.014 J	NA	0.0096 J	NA	ND(0.022)
Benzene	ND(0.0056)	NA	ND(0.0056)	NA	ND(0.0055)
Carbon Disulfide	ND(0.0056)	NA	ND(0.0056)	NA	ND(0.0055)
Chlorobenzene	ND(0.0056)	NA	ND(0.0056)	NA	ND(0.0055)
Isobutanol	ND(0.11)	NA	ND(0.11)	NA	ND(0.11)
Methylene Chloride	ND(0.0056)	NA	ND(0.0056)	NA	ND(0.0055)
Styrene	ND(0.0056)	NA	ND(0.0056)	NA	ND(0.0055)
Toluene	ND(0.0056)	NA	ND(0.0056)	NA	ND(0.0055)
Trichloroethene	ND(0.0056)	NA	ND(0.0056)	NA	ND(0.0055)
Xylenes (total)	ND(0.0056)	NA	ND(0.0056)	NA	ND(0.0055)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.37)	ND(0.37)	NA	ND(0.35)	NA
1,2,4-Trichlorobenzene	ND(0.37)	ND(0.37)	NA	ND(0.35)	NA
1,4-Dichlorobenzene	ND(0.37)	ND(0.37)	NA	ND(0.35)	NA
2-Methylnaphthalene	ND(0.37)	ND(0.37)	NA	ND(0.35)	NA
Acenaphthene	ND(0.37)	ND(0.37)	NA	ND(0.35)	NA
Acenaphthylene	ND(0.37)	ND(0.37)	NA	ND(0.35)	NA
Anthracene	ND(0.37)	ND(0.37)	NA	ND(0.35)	NA
Benzo(a)anthracene	0.038 J	0.34 J	NA	ND(0.35)	NA
Benzo(a)pyrene	ND(0.37)	0.30 J	NA	ND(0.35)	NA
Benzo(b)fluoranthene	ND(0.37)	0.34 J	NA	ND(0.35)	NA
Benzo(g,h,i)perylene	ND(0.37)	0.11 J	NA	ND(0.35)	NA
Benzo(k)fluoranthene	ND(0.37)	0.40	NA	ND(0.35)	NA
bis(2-Ethylhexyl)phthalate	ND(0.37)	0.57	NA	ND(0.35)	NA
Chrysene	0.048 J	0.51	NA	ND(0.35)	NA
Dibenzo(a,h)anthracene	ND(0.37)	ND(0.37)	NA	ND(0.35)	NA
Dibenzofuran	ND(0.37)	ND(0.37)	NA	ND(0.35)	NA
Fluoranthene	0.073 J	0.35 J	NA	ND(0.35)	NA
Fluorene	ND(0.37)	ND(0.37)	NA	ND(0.35)	NA
Indeno(1,2,3-cd)pyrene	ND(0.37)	0.063 J	NA	ND(0.35)	NA
Naphthalene	ND(0.37)	ND(0.37)	NA	ND(0.35)	NA
N-Nitrosomorpholine	ND(0.37)	ND(0.37)	NA	ND(0.35)	NA
Phenanthrene	0.043 J	0.078 J	NA	ND(0.35)	NA
Pyrene	0.072 J	0.41	NA	ND(0.35)	NA
Organochlorine Pesticides					
4,4'-DDD	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	NA	NA	NA	NA	NA
Herbicides					
None Detected	NA	NA	NA	NA	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-LL8 1-3 02/10/05	RAA10-E-LL8 3-6 02/10/05	RAA10-E-LL8 4-6 02/10/05	RAA10-E-LL8 6-15 02/10/05	RAA10-E-LL8 12-14 02/10/05
Furans						
2,3,7,8-TCDF		0.000012 Y	0.0000092 Y	NA	ND(0.00000016)	NA
TCDFs (total)		0.000064	0.000051	NA	ND(0.00000016)	NA
1,2,3,7,8-PeCDF		0.0000047 J	ND(0.0000025)	NA	ND(0.00000027)	NA
2,3,4,7,8-PeCDF		0.0000058	ND(0.0000024)	NA	ND(0.00000026)	NA
PeCDFs (total)		0.000085	0.000023	NA	ND(0.00000027)	NA
1,2,3,4,7,8-HxCDF		0.000013	0.0000032 J	NA	ND(0.00000022)	NA
1,2,3,6,7,8-HxCDF		0.0000074	ND(0.0000024)	NA	ND(0.00000021)	NA
1,2,3,7,8,9-HxCDF		ND(0.00000049)	ND(0.00000076)	NA	ND(0.00000025)	NA
2,3,4,6,7,8-HxCDF		0.0000047 J	ND(0.0000019)	NA	ND(0.00000023)	NA
HxCDFs (total)		0.000095	0.000025	NA	ND(0.00000025)	NA
1,2,3,4,6,7,8-HpCDF		0.000019	0.0000068	NA	ND(0.00000020)	NA
1,2,3,4,7,8,9-HpCDF		0.0000039 J	ND(0.0000011)	NA	ND(0.00000025)	NA
HpCDFs (total)		0.000038	0.000012	NA	ND(0.00000025)	NA
OCDF		0.000018	ND(0.0000049)	NA	ND(0.00000030)	NA
Dioxins						
2,3,7,8-TCDD		ND(0.00000032)	ND(0.00000039)	NA	ND(0.00000020)	NA
TCDDs (total)		ND(0.00000048)	ND(0.00000052)	NA	ND(0.00000020)	NA
1,2,3,7,8-PeCDD		ND(0.00000071)	ND(0.00000096)	NA	ND(0.00000038)	NA
PeCDDs (total)		ND(0.0000011)	ND(0.00000096)	NA	ND(0.00000038)	NA
1,2,3,4,7,8-HxCDD		ND(0.00000047)	ND(0.00000059)	NA	ND(0.00000031)	NA
1,2,3,6,7,8-HxCDD		ND(0.00000093)	ND(0.00000052)	NA	ND(0.00000027)	NA
1,2,3,7,8,9-HxCDD		ND(0.00000084)	ND(0.00000053)	NA	ND(0.00000029)	NA
HxCDDs (total)		0.0000037	ND(0.0000013)	NA	ND(0.00000031)	NA
1,2,3,4,6,7,8-HpCDD		0.000013	0.0000052 J	NA	ND(0.00000035)	NA
HpCDDs (total)		0.000028	0.000011	NA	ND(0.00000035)	NA
OCDD		0.00012	0.000048	NA	ND(0.0000012)	NA
Total TEQs (WHO TEFs)		0.0000079	0.0000030	NA	0.00000046	NA
Inorganics						
Antimony		1.40 B	ND(6.00)	NA	0.880 B	NA
Arsenic		4.70	6.20	NA	3.90	NA
Barium		39.0	37.0	NA	22.0	NA
Beryllium		0.250 B	0.300 B	NA	0.310 B	NA
Cadmium		0.780	0.960	NA	1.10	NA
Chromium		9.20	9.50	NA	8.40	NA
Cobalt		5.40	6.90	NA	10.0	NA
Copper		15.0	19.0	NA	12.0	NA
Cyanide		0.100 B	0.180	NA	0.0320 B	NA
Lead		44.0	61.0	NA	5.80	NA
Mercury		0.0420 B	0.0580 B	NA	ND(0.100)	NA
Nickel		10.0	12.0	NA	19.0	NA
Selenium		ND(1.00)	ND(1.00)	NA	ND(1.00)	NA
Silver		ND(1.00)	ND(1.00)	NA	ND(1.00)	NA
Sulfide		120	12.0	NA	5.10 B	NA
Thallium		1.90	3.50	NA	5.10	NA
Tin		3.30 B	3.50 B	NA	2.20 B	NA
Vanadium		11.0	12.0	NA	8.70	NA
Zinc		130	82.0	NA	35.0	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-LL9 0-1 02/10/05	RAA10-E-LL9 1-3 02/10/05	RAA10-E-LL9 3-6 02/10/05	RAA10-E-LL9 4-6 02/10/05	RAA10-E-LL9 6-15 02/10/05
Volatile Organics					
1,1,1-Trichloroethane	ND(0.0053)	ND(0.0057)	NA	ND(0.0058)	NA
2-Butanone	ND(0.010)	ND(0.011)	NA	ND(0.012)	NA
4-Methyl-2-pentanone	ND(0.010)	ND(0.011)	NA	ND(0.012)	NA
Acetone	ND(0.021)	ND(0.023)	NA	ND(0.023)	NA
Benzene	ND(0.0053)	ND(0.0057)	NA	ND(0.0058)	NA
Carbon Disulfide	ND(0.0053)	ND(0.0057)	NA	ND(0.0058)	NA
Chlorobenzene	ND(0.0053)	ND(0.0057)	NA	ND(0.0058)	NA
Isobutanol	ND(0.10)	ND(0.11)	NA	ND(0.12)	NA
Methylene Chloride	ND(0.0053)	ND(0.0057)	NA	ND(0.0058)	NA
Styrene	ND(0.0053)	ND(0.0057)	NA	ND(0.0058)	NA
Toluene	ND(0.0053)	ND(0.0057)	NA	ND(0.0058)	NA
Trichloroethene	ND(0.0053)	ND(0.0057)	NA	ND(0.0058)	NA
Xylenes (total)	ND(0.0053)	ND(0.0057)	NA	ND(0.0058)	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.35)	ND(0.38)	ND(0.38)	NA	ND(0.37)
1,2,4-Trichlorobenzene	ND(0.35)	ND(0.38)	ND(0.38)	NA	ND(0.37)
1,4-Dichlorobenzene	ND(0.35)	ND(0.38)	ND(0.38)	NA	ND(0.37)
2-Methylnaphthalene	ND(0.35)	ND(0.38)	ND(0.38)	NA	ND(0.37)
Acenaphthene	0.085 J	ND(0.38)	ND(0.38)	NA	ND(0.37)
Acenaphthylene	ND(0.35)	ND(0.38)	ND(0.38)	NA	ND(0.37)
Anthracene	0.13 J	ND(0.38)	0.035 J	NA	ND(0.37)
Benzo(a)anthracene	0.38	ND(0.38)	0.087 J	NA	ND(0.37)
Benzo(a)pyrene	0.37	ND(0.38)	ND(0.38)	NA	ND(0.37)
Benzo(b)fluoranthene	0.31 J	ND(0.38)	0.063 J	NA	ND(0.37)
Benzo(g,h,i)perylene	0.22 J	ND(0.38)	ND(0.38)	NA	ND(0.37)
Benzo(k)fluoranthene	0.37	ND(0.38)	0.080 J	NA	ND(0.37)
bis(2-Ethylhexyl)phthalate	ND(0.35)	ND(0.38)	0.36 J	NA	ND(0.37)
Chrysene	0.43	ND(0.38)	0.12 J	NA	ND(0.37)
Dibenzo(a,h)anthracene	0.040 J	ND(0.38)	ND(0.38)	NA	ND(0.37)
Dibenzofuran	ND(0.35)	ND(0.38)	ND(0.38)	NA	ND(0.37)
Fluoranthene	0.96	ND(0.38)	0.18 J	NA	ND(0.37)
Fluorene	0.039 J	ND(0.38)	ND(0.38)	NA	ND(0.37)
Indeno(1,2,3-cd)pyrene	0.18 J	ND(0.38)	ND(0.38)	NA	ND(0.37)
Naphthalene	ND(0.35)	ND(0.38)	ND(0.38)	NA	ND(0.37)
N-Nitrosomorpholine	ND(0.35)	ND(0.38)	ND(0.38)	NA	ND(0.37)
Phenanthrene	0.58	ND(0.38)	0.14 J	NA	ND(0.37)
Pyrene	0.94	ND(0.38)	0.18 J	NA	ND(0.37)
Organochlorine Pesticides					
4,4'-DDD	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	NA	NA	NA	NA	NA
Herbicides					
None Detected	NA	NA	NA	NA	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-LL9 0-1 02/10/05	RAA10-E-LL9 1-3 02/10/05	RAA10-E-LL9 3-6 02/10/05	RAA10-E-LL9 4-6 02/10/05	RAA10-E-LL9 6-15 02/10/05
Furans						
2,3,7,8-TCDF		0.000011 Y	ND(0.00000089) Y	0.000016 Y	NA	ND(0.00000018)
TCDFs (total)		0.000085	ND(0.00000089)	0.00010	NA	ND(0.00000018)
1,2,3,7,8-PeCDF		0.0000093	ND(0.00000028)	0.0000051 J	NA	ND(0.00000028)
2,3,4,7,8-PeCDF		0.000012	ND(0.00000045)	0.0000077	NA	ND(0.00000027)
PeCDFs (total)		0.00019	0.0000032	0.00019	NA	ND(0.00000028)
1,2,3,4,7,8-HxCDF		0.000028	ND(0.0000015)	0.0000097	NA	ND(0.00000031)
1,2,3,6,7,8-HxCDF		0.000017	ND(0.00000075)	0.000010 I	NA	ND(0.00000029)
1,2,3,7,8,9-HxCDF		ND(0.00000041)	ND(0.00000024)	ND(0.00000036)	NA	ND(0.00000036)
2,3,4,6,7,8-HxCDF		0.0000092	ND(0.00000041)	0.000011	NA	ND(0.00000032)
HxCDFs (total)		0.00020	ND(0.0000025)	0.00028	NA	ND(0.00000036)
1,2,3,4,6,7,8-HpCDF		0.000030	ND(0.0000017)	0.000061	NA	ND(0.00000049)
1,2,3,4,7,8,9-HpCDF		0.0000070	ND(0.00000028)	0.0000038 J	NA	ND(0.00000031)
HpCDFs (total)		0.000055	ND(0.0000017)	0.00012	NA	ND(0.00000049)
OCDF		0.000028	ND(0.0000014)	0.000036	NA	ND(0.00000048)
Dioxins						
2,3,7,8-TCDD		ND(0.00000023)	ND(0.00000018)	ND(0.00000027)	NA	ND(0.00000024)
TCDDs (total)		ND(0.00000040)	ND(0.00000018)	0.00000058	NA	ND(0.00000024)
1,2,3,7,8-PeCDD		ND(0.00000073)	ND(0.00000033)	ND(0.00000061)	NA	ND(0.00000052)
PeCDDs (total)		ND(0.0000022)	ND(0.00000033)	ND(0.0000016)	NA	ND(0.00000069)
1,2,3,4,7,8-HxCDD		ND(0.00000053)	ND(0.00000022)	ND(0.00000050)	NA	ND(0.00000034)
1,2,3,6,7,8-HxCDD		ND(0.0000014)	ND(0.00000020)	ND(0.0000014)	NA	ND(0.00000031)
1,2,3,7,8,9-HxCDD		ND(0.0000011)	ND(0.00000020)	ND(0.0000011)	NA	ND(0.00000032)
HxCDDs (total)		0.0000065	ND(0.00000038)	0.0000050	NA	ND(0.00000034)
1,2,3,4,6,7,8-HpCDD		0.0000094	ND(0.00000092)	0.000013	NA	ND(0.00000043)
HpCDDs (total)		0.000024	ND(0.0000011)	0.000025	NA	ND(0.00000043)
OCDD		0.000055	0.0000075 J	0.000084	NA	ND(0.0000025)
Total TEQs (WHO TEFs)		0.000014	0.00000061	0.000010	NA	0.00000058
Inorganics						
Antimony		ND(6.00)	1.20 B	7.70	NA	ND(6.00)
Arsenic		2.70	6.60	5.20	NA	2.90
Barium		15.0 B	23.0	68.0	NA	52.0
Beryllium		0.140 B	0.890	0.200 B	NA	0.220 B
Cadmium		0.370 B	1.40	0.630	NA	0.550
Chromium		6.10	13.0	14.0	NA	6.10
Cobalt		4.50 B	21.0	6.30	NA	8.60
Copper		9.30	9.40	16.0	NA	11.0
Cyanide		0.0580 B	0.610	0.250	NA	0.0400 B
Lead		8.90	7.80	200	NA	7.60
Mercury		ND(0.100)	ND(0.110)	0.100 B	NA	ND(0.110)
Nickel		10.0	24.0	12.0	NA	12.0
Selenium		ND(1.00)	ND(1.00)	ND(1.00)	NA	ND(1.00)
Silver		ND(1.00)	ND(1.00)	ND(1.00)	NA	ND(1.00)
Sulfide		10.0	11.0	7.30	NA	11.0
Thallium		2.60	11.0	3.00	NA	3.10
Tin		1.80 B	2.40 B	2.00 B	NA	1.70 B
Vanadium		6.20	6.80	8.10	NA	6.40
Zinc		33.0	97.0	220	NA	42.0

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-LL9 12-14 02/10/05	RAA10-E-LL10 0-1 02/11/05	RAA10-E-LL10 1-3 02/11/05	RAA10-E-LL10 3-6 02/11/05	RAA10-E-LL10 4-6 02/11/05
Volatile Organics						
1,1,1-Trichloroethane		ND(0.030)	ND(0.0078)	ND(0.0063)	NA	0.018
2-Butanone		ND(0.030)	ND(0.016)	ND(0.012)	NA	ND(0.012)
4-Methyl-2-pentanone		ND(0.030)	ND(0.016)	ND(0.012)	NA	0.0054 J
Acetone		ND(0.030)	ND(0.031)	ND(0.025)	NA	0.014 J
Benzene		ND(0.030)	ND(0.0078)	ND(0.0063)	NA	ND(0.0060)
Carbon Disulfide		ND(0.030)	ND(0.0078)	ND(0.0063)	NA	0.0062
Chlorobenzene		ND(0.030)	ND(0.0078)	ND(0.0063)	NA	ND(0.0060)
Isobutanol		ND(0.12)	ND(0.16)	ND(0.12)	NA	ND(0.12)
Methylene Chloride		ND(0.030)	ND(0.0078)	ND(0.0063)	NA	ND(0.0060)
Styrene		ND(0.030)	ND(0.0078)	ND(0.0063)	NA	ND(0.0060)
Toluene		ND(0.030)	ND(0.0078)	ND(0.0063)	NA	0.019
Trichloroethene		ND(0.030)	ND(0.0078)	ND(0.0063)	NA	0.011
Xylenes (total)		ND(0.030)	ND(0.0078)	ND(0.0063)	NA	ND(0.0060)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		NA	ND(5.2)	ND(4.2)	ND(4.2)	NA
1,2,4-Trichlorobenzene		NA	ND(5.2)	2.3 J	ND(4.2)	NA
1,4-Dichlorobenzene		NA	ND(5.2)	0.65 J	ND(4.2)	NA
2-Methylnaphthalene		NA	ND(5.2)	ND(4.2)	ND(4.2)	NA
Acenaphthene		NA	ND(5.2)	ND(4.2)	ND(4.2)	NA
Acenaphthylene		NA	ND(5.2)	ND(4.2)	ND(4.2)	NA
Anthracene		NA	ND(5.2)	ND(4.2)	ND(4.2)	NA
Benzo(a)anthracene		NA	ND(5.2)	0.40 J	ND(4.2)	NA
Benzo(a)pyrene		NA	ND(5.2)	ND(4.2)	ND(4.2)	NA
Benzo(b)fluoranthene		NA	ND(5.2)	ND(4.2)	ND(4.2)	NA
Benzo(g,h,i)perylene		NA	ND(5.2)	ND(4.2)	ND(4.2)	NA
Benzo(k)fluoranthene		NA	ND(5.2)	ND(4.2)	ND(4.2)	NA
bis(2-Ethylhexyl)phthalate		NA	ND(2.6)	ND(2.1)	ND(2.1)	NA
Chrysene		NA	ND(5.2)	0.57 J	ND(4.2)	NA
Dibenzo(a,h)anthracene		NA	ND(5.2)	ND(4.2)	ND(4.2)	NA
Dibenzofuran		NA	ND(5.2)	ND(4.2)	ND(4.2)	NA
Fluoranthene		NA	0.63 J	0.57 J	ND(4.2)	NA
Fluorene		NA	ND(5.2)	ND(4.2)	ND(4.2)	NA
Indeno(1,2,3-cd)pyrene		NA	ND(5.2)	ND(4.2)	ND(4.2)	NA
Naphthalene		NA	ND(5.2)	ND(4.2)	ND(4.2)	NA
N-Nitrosomorpholine		NA	ND(5.2)	ND(4.2)	ND(4.2)	NA
Phenanthrene		NA	ND(5.2)	ND(4.2)	ND(4.2)	NA
Pyrene		NA	0.69 J	0.58 J	ND(4.2)	NA
Organochlorine Pesticides						
4,4'-DDD		NA	NA	NA	NA	NA
4,4'-DDE		NA	NA	NA	NA	NA
4,4'-DDT		NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected		NA	NA	NA	NA	NA
Herbicides						
None Detected		NA	NA	NA	NA	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-LL9 12-14 02/10/05	RAA10-E-LL10 0-1 02/11/05	RAA10-E-LL10 1-3 02/11/05	RAA10-E-LL10 3-6 02/11/05	RAA10-E-LL10 4-6 02/11/05
Furans						
2,3,7,8-TCDF		NA	0.000061 Y	0.000044 Y	0.0000064 Y	NA
TCDFs (total)		NA	0.00068	0.00070	0.00015	NA
1,2,3,7,8-PeCDF		NA	0.000027	0.000027	0.0000046 J	NA
2,3,4,7,8-PeCDF		NA	0.000076	0.000094	0.000012	NA
PeCDFs (total)		NA	0.0025	0.0021	0.00045	NA
1,2,3,4,7,8-HxCDF		NA	0.000068	0.00013	0.000011	NA
1,2,3,6,7,8-HxCDF		NA	0.000095	0.000092	0.000016	NA
1,2,3,7,8,9-HxCDF		NA	ND(0.0000026)	0.0000031 J	ND(0.00000062)	NA
2,3,4,6,7,8-HxCDF		NA	0.00011	0.000081	0.000016	NA
HxCDFs (total)		NA	0.0024	0.0023	0.00044	NA
1,2,3,4,6,7,8-HpCDF		NA	0.00014	0.00014	0.000020	NA
1,2,3,4,7,8,9-HpCDF		NA	0.000023	0.000045	0.0000042 J	NA
HpCDFs (total)		NA	0.00033	0.00036	0.000048	NA
OCDF		NA	0.000099	0.00013	0.000012 J	NA
Dioxins						
2,3,7,8-TCDD		NA	0.0000014 J	0.0000024	ND(0.00000024)	NA
TCDDs (total)		NA	0.000015	0.000063	0.0000041	NA
1,2,3,7,8-PeCDD		NA	0.0000097	0.000032	ND(0.0000024)	NA
PeCDDs (total)		NA	0.000042	0.00016	0.0000035	NA
1,2,3,4,7,8-HxCDD		NA	0.0000060 J	0.000018	ND(0.0000011)	NA
1,2,3,6,7,8-HxCDD		NA	0.000023	0.000087	0.0000049 J	NA
1,2,3,7,8,9-HxCDD		NA	0.000015	0.000057	0.0000033 J	NA
HxCDDs (total)		NA	0.00026	0.0011	0.000056	NA
1,2,3,4,6,7,8-HpCDD		NA	0.00012	0.00014	0.000012	NA
HpCDDs (total)		NA	0.00026	0.00035	0.000030	NA
OCDD		NA	0.00067	0.00014	0.000038	NA
Total TEQs (WHO TEFs)		NA	0.000091	0.00014	0.000014	NA
Inorganics						
Antimony		NA	1.40 B	1.50 B	5.10 B	NA
Arsenic		NA	13.0	35.0	9.40	NA
Barium		NA	59.0	73.0	51.0	NA
Beryllium		NA	0.430 B	0.420 B	0.600	NA
Cadmium		NA	0.710	0.600	0.200 B	NA
Chromium		NA	16.0	13.0	6.40	NA
Cobalt		NA	9.50	9.30	5.80	NA
Copper		NA	38.0	34.0	60.0	NA
Cyanide		NA	0.240	0.600	0.220	NA
Lead		NA	59.0	55.0	130	NA
Mercury		NA	0.130 B	0.0830 B	0.0710 B	NA
Nickel		NA	18.0	17.0	8.40	NA
Selenium		NA	2.00	3.80	2.20	NA
Silver		NA	ND(1.20)	ND(1.00)	ND(1.00)	NA
Sulfide		NA	20.0	30.0	20.0	NA
Thallium		NA	ND(1.60)	1.70	ND(1.20)	NA
Tin		NA	9.60 B	7.40 B	14.0	NA
Vanadium		NA	19.0	20.0	9.20	NA
Zinc		NA	140	370	23.0	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-LL10 6-15 02/11/05	RAA10-E-LL10 12-14 02/11/05	RAA10-E-MM9 0-1 02/11/05	RAA10-E-MM11 0-1 02/21/05	RAA10-E-O17 0-1 02/24/05
Volatile Organics					
1,1,1-Trichloroethane	NA	ND(0.0058)	ND(0.0054)	ND(0.0065)	ND(0.0060)
2-Butanone	NA	ND(0.012)	ND(0.011)	ND(0.013)	ND(0.012)
4-Methyl-2-pentanone	NA	ND(0.012)	ND(0.011)	ND(0.013)	ND(0.012)
Acetone	NA	ND(0.023)	ND(0.022)	ND(0.026)	ND(0.024)
Benzene	NA	ND(0.0058)	ND(0.0054)	ND(0.0065)	ND(0.0060)
Carbon Disulfide	NA	ND(0.0058)	ND(0.0054)	ND(0.0065)	ND(0.0060)
Chlorobenzene	NA	ND(0.0058)	ND(0.0054)	ND(0.0065)	ND(0.0060)
Isobutanol	NA	ND(0.12)	ND(0.11)	0.044 J	ND(0.12)
Methylene Chloride	NA	ND(0.0058)	ND(0.0054)	ND(0.0065)	0.0039 J
Styrene	NA	ND(0.0058)	ND(0.0054)	ND(0.0065)	ND(0.0060)
Toluene	NA	0.0084	0.0043 J	ND(0.0065)	ND(0.0060)
Trichloroethene	NA	ND(0.0058)	ND(0.0054)	ND(0.0065)	ND(0.0060)
Xylenes (total)	NA	ND(0.0058)	ND(0.0054)	ND(0.0065)	ND(0.0060)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.41)	NA	ND(3.6)	ND(4.3)	ND(0.40)
1,2,4-Trichlorobenzene	ND(0.41)	NA	ND(3.6)	ND(4.3)	ND(0.40)
1,4-Dichlorobenzene	ND(0.41)	NA	ND(3.6)	ND(4.3)	ND(0.40)
2-Methylnaphthalene	ND(0.41)	NA	ND(3.6)	1.2 J	ND(0.40)
Acenaphthene	ND(0.41)	NA	ND(3.6)	ND(4.3)	0.096 J
Acenaphthylene	ND(0.41)	NA	ND(3.6)	8.3	0.24 J
Anthracene	ND(0.41)	NA	ND(3.6)	4.5	0.40
Benzo(a)anthracene	ND(0.41)	NA	0.62 J	22	2.2
Benzo(a)pyrene	ND(0.41)	NA	0.43 J	17	2.3
Benzo(b)fluoranthene	ND(0.41)	NA	0.43 J	18	2.1
Benzo(g,h,i)perylene	ND(0.41)	NA	ND(3.6)	8.4	1.5
Benzo(k)fluoranthene	ND(0.41)	NA	0.67 J	26	2.2
bis(2-Ethylhexyl)phthalate	0.37 J	NA	ND(1.8)	ND(2.2)	0.36 J
Chrysene	0.049 J	NA	0.66 J	24	2.8
Dibenzo(a,h)anthracene	ND(0.41)	NA	ND(3.6)	2.0 J	0.35 J
Dibenzofuran	ND(0.41)	NA	ND(3.6)	0.61 J	0.057 J
Fluoranthene	ND(0.41)	NA	1.0 J	36	6.3
Fluorene	ND(0.41)	NA	ND(3.6)	ND(4.3)	0.16 J
Indeno(1,2,3-cd)pyrene	ND(0.41)	NA	ND(3.6)	7.4	1.3
Naphthalene	ND(0.41)	NA	ND(3.6)	1.5 J	ND(0.40)
N-Nitrosomorpholine	ND(0.41)	NA	ND(3.6)	0.58 J	ND(0.40)
Phenanthrene	0.046 J	NA	ND(3.6)	5.9	3.1
Pyrene	ND(0.41)	NA	1.2 J	36	5.2
Organochlorine Pesticides					
4,4'-DDD	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	NA	NA	NA	NA	NA
Herbicides					
None Detected	NA	NA	NA	NA	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-LL10 6-15 02/11/05	RAA10-E-LL10 12-14 02/11/05	RAA10-E-MM9 0-1 02/11/05	RAA10-E-MM11 0-1 02/21/05	RAA10-E-O17 0-1 02/24/05
Furans						
2,3,7,8-TCDF		ND(0.00000060) Y	NA	0.0000022 Y	NA	0.000090 Y
TCDFs (total)		0.000020	NA	0.000017	NA	0.00075
1,2,3,7,8-PeCDF		ND(0.00000051)	NA	ND(0.0000018)	NA	0.000058
2,3,4,7,8-PeCDF		ND(0.0000014)	NA	0.0000029 J	NA	0.000098
PeCDFs (total)		0.000042	NA	0.000030	NA	0.0014
1,2,3,4,7,8-HxCDF		ND(0.0000018)	NA	0.0000051 J	NA	0.00020
1,2,3,6,7,8-HxCDF		ND(0.0000018)	NA	0.0000058 I	NA	0.00015
1,2,3,7,8,9-HxCDF		ND(0.00000016)	NA	ND(0.00000019)	NA	ND(0.0000027)
2,3,4,6,7,8-HxCDF		ND(0.0000021)	NA	0.0000027 J	NA	0.000044
HxCDFs (total)		0.000034	NA	0.000054	NA	0.0012
1,2,3,4,6,7,8-HpCDF		ND(0.0000027)	NA	0.0000089	NA	0.00023
1,2,3,4,7,8,9-HpCDF		ND(0.00000047)	NA	ND(0.0000011)	NA	0.000048
HpCDFs (total)		0.0000031	NA	0.000018	NA	0.00040
OCDF		ND(0.0000024)	NA	0.0000068 J	NA	0.00017
Dioxins						
2,3,7,8-TCDD		ND(0.00000014)	NA	ND(0.00000019)	NA	ND(0.00000056)
TCDDs (total)		ND(0.00000018)	NA	ND(0.00000022)	NA	0.000010
1,2,3,7,8-PeCDD		ND(0.00000038)	NA	ND(0.00000038)	NA	ND(0.0000031)
PeCDDs (total)		ND(0.0000013)	NA	ND(0.0000011)	NA	0.000020
1,2,3,4,7,8-HxCDD		ND(0.00000018)	NA	ND(0.00000031)	NA	ND(0.0000029)
1,2,3,6,7,8-HxCDD		ND(0.00000078)	NA	ND(0.0000011)	NA	0.000010
1,2,3,7,8,9-HxCDD		ND(0.00000055)	NA	ND(0.00000066)	NA	0.0000057 J
HxCDDs (total)		0.0000042	NA	0.0000080	NA	0.000093
1,2,3,4,6,7,8-HpCDD		ND(0.0000020)	NA	0.0000056	NA	0.000043
HpCDDs (total)		0.0000028	NA	0.000012	NA	0.000085
OCDD		0.0000093 J	NA	0.000032	NA	0.00019
Total TEQs (WHO TEFs)		0.0000010	NA	0.0000036	NA	0.00011
Inorganics						
Antimony		1.40 B	NA	3.90 B	2.30 B	ND(6.00)
Arsenic		4.00	NA	7.30	62.0	5.60
Barium		36.0	NA	13.0 B	40.0	34.0
Beryllium		0.370 B	NA	0.180 B	0.430 B	0.320 B
Cadmium		0.260 B	NA	0.280 B	0.310 B	0.120 B
Chromium		9.70	NA	4.40	15.0	13.0
Cobalt		6.60	NA	2.60 B	9.30	7.40
Copper		30.0	NA	6.90	56.0	18.0
Cyanide		0.0560 B	NA	ND(1.10)	0.300	0.150
Lead		210	NA	8.90	120	18.0
Mercury		0.0150 B	NA	ND(0.110)	0.180	0.160
Nickel		12.0	NA	5.70	17.0	14.0
Selenium		1.70	NA	0.810 B	3.00	ND(1.00)
Silver		ND(1.00)	NA	0.820 B	0.220 B	ND(1.00)
Sulfide		18.0	NA	1700	21.0	13.0
Thallium		ND(1.20)	NA	ND(1.10)	1.80	ND(1.20)
Tin		13.0	NA	5.90 B	9.40 B	3.50 B
Vanadium		9.70	NA	4.40 B	33.0	11.0
Zinc		60.0	NA	31.0	83.0	59.0

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-P14 0-1 02/24/05	RAA10-E-T14 0-1 02/24/05	RAA10-E-T14 6-15 02/24/05	RAA10-E-T14 12-14 02/24/05	RAA10-E-V14 0-1 02/23/05
Volatile Organics						
1,1,1-Trichloroethane		ND(0.0058)	ND(0.0061)	NA	ND(0.0099)	ND(0.0062)
2-Butanone		ND(0.012)	ND(0.012)	NA	ND(0.020)	ND(0.012)
4-Methyl-2-pentanone		ND(0.012)	ND(0.012)	NA	ND(0.020)	ND(0.012)
Acetone		ND(0.023)	ND(0.024)	NA	0.060	ND(0.025)
Benzene		ND(0.0058)	ND(0.0061)	NA	ND(0.0099)	ND(0.0062)
Carbon Disulfide		ND(0.0058)	ND(0.0061)	NA	ND(0.0099)	ND(0.0062)
Chlorobenzene		ND(0.0058)	ND(0.0061)	NA	ND(0.0099)	ND(0.0062)
Isobutanol		ND(0.12)	ND(0.12)	NA	ND(0.20)	ND(0.12)
Methylene Chloride		0.0046 J	ND(0.0061)	NA	0.0052 J	ND(0.0062)
Styrene		ND(0.0058)	ND(0.0061)	NA	ND(0.0099)	ND(0.0062)
Toluene		ND(0.0058)	ND(0.0061)	NA	ND(0.0099)	ND(0.0062)
Trichloroethene		ND(0.0058)	ND(0.0061)	NA	ND(0.0099)	ND(0.0062)
Xylenes (total)		ND(0.0058)	ND(0.0061)	NA	ND(0.0099)	ND(0.0062)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(5.8)	ND(4.1)	ND(0.52)	NA	ND(0.41)
1,2,4-Trichlorobenzene		ND(5.8)	2.6 J	ND(0.52)	NA	ND(0.41)
1,4-Dichlorobenzene		ND(5.8)	ND(4.1)	ND(0.52)	NA	ND(0.41)
2-Methylnaphthalene		ND(5.8)	ND(4.1)	ND(0.52)	NA	0.048 J
Acenaphthene		ND(5.8)	ND(4.1)	ND(0.52)	NA	ND(0.41)
Acenaphthylene		ND(5.8)	ND(4.1)	ND(0.52)	NA	0.14 J
Anthracene		ND(5.8)	ND(4.1)	ND(0.52)	NA	0.085 J
Benzo(a)anthracene		ND(5.8)	0.71 J	ND(0.52)	NA	0.28 J
Benzo(a)pyrene		ND(5.8)	0.48 J	ND(0.52)	NA	0.24 J
Benzo(b)fluoranthene		ND(5.8)	0.66 J	ND(0.52)	NA	0.31 J
Benzo(g,h,i)perylene		ND(5.8)	0.40 J	ND(0.52)	NA	0.14 J
Benzo(k)fluoranthene		ND(5.8)	0.46 J	ND(0.52)	NA	0.38 J
bis(2-Ethylhexyl)phthalate		ND(2.9)	ND(2.0)	ND(0.52)	NA	0.32 J
Chrysene		ND(5.8)	0.57 J	ND(0.52)	NA	0.43
Dibenzo(a,h)anthracene		ND(5.8)	ND(4.1)	ND(0.52)	NA	ND(0.41)
Dibenzofuran		ND(5.8)	ND(4.1)	ND(0.52)	NA	ND(0.41)
Fluoranthene		0.75 J	0.91 J	ND(0.52)	NA	0.49
Fluorene		ND(5.8)	ND(4.1)	ND(0.52)	NA	ND(0.41)
Indeno(1,2,3-cd)pyrene		ND(5.8)	ND(4.1)	ND(0.52)	NA	0.12 J
Naphthalene		ND(5.8)	ND(4.1)	ND(0.52)	NA	0.047 J
N-Nitrosomorpholine		ND(5.8)	ND(4.1)	ND(0.52)	NA	ND(0.41)
Phenanthrene		ND(5.8)	0.51 J	ND(0.52)	NA	0.17 J
Pyrene		0.61 J	0.92 J	ND(0.52)	NA	0.52
Organochlorine Pesticides						
4,4'-DDD		NA	NA	NA	NA	NA
4,4'-DDE		NA	NA	NA	NA	NA
4,4'-DDT		NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected		NA	NA	NA	NA	NA
Herbicides						
None Detected		NA	NA	NA	NA	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-P14 0-1 02/24/05	RAA10-E-T14 0-1 02/24/05	RAA10-E-T14 6-15 02/24/05	RAA10-E-T14 12-14 02/24/05	RAA10-E-V14 0-1 02/23/05
Furans						
2,3,7,8-TCDF		0.00035 Y	0.028 YE	0.0000054 Y	NA	0.00020 Y
TCDFs (total)		0.0021	0.091	0.000044	NA	0.00095
1,2,3,7,8-PeCDF		0.00014	0.0088	ND(0.0000032)	NA	0.00012
2,3,4,7,8-PeCDF		0.00018	0.012	ND(0.0000037)	NA	0.00018
PeCDFs (total)		0.0027	0.11	0.000013	NA	0.0012
1,2,3,4,7,8-HxCDF		0.00041	0.025	0.0000061 J	NA	0.00036
1,2,3,6,7,8-HxCDF		0.00027 I	0.015 I	0.0000042 J	NA	0.00021 I
1,2,3,7,8,9-HxCDF		0.0000066	0.00027 J	ND(0.00000068)	NA	0.0000053 J
2,3,4,6,7,8-HxCDF		0.000072	0.0033	ND(0.0000012)	NA	0.000071
HxCDFs (total)		0.0020	0.099	0.000018	NA	0.0014
1,2,3,4,6,7,8-HpCDF		0.00043	0.021	0.0000059 J	NA	0.00036
1,2,3,4,7,8,9-HpCDF		0.000097	0.0056	ND(0.0000014)	NA	0.000084
HpCDFs (total)		0.00074	0.036	0.0000059	NA	0.00060
OCDF		0.00035	0.017	ND(0.0000042)	NA	0.00022
Dioxins						
2,3,7,8-TCDD		0.0000014	0.000040 J	ND(0.00000024)	NA	0.0000094
TCDDs (total)		0.000032	0.0013	ND(0.00000084)	NA	0.000029
1,2,3,7,8-PeCDD		0.000011	0.00017 J	ND(0.00000047)	NA	0.0000037 J
PeCDDs (total)		0.000082	0.00063	ND(0.00000086)	NA	0.000021
1,2,3,4,7,8-HxCDD		0.0000080	ND(0.00014)	ND(0.00000029)	NA	0.0000030
1,2,3,6,7,8-HxCDD		0.000044	0.00024 J	ND(0.00000026)	NA	0.0000057 J
1,2,3,7,8,9-HxCDD		0.000017	0.00018 J	ND(0.00000027)	NA	0.0000047 J
HxCDDs (total)		0.00038	0.0029	ND(0.00000083)	NA	0.000073
1,2,3,4,6,7,8-HpCDD		0.00012	0.0016	ND(0.00000057)	NA	0.000038
HpCDDs (total)		0.00027	0.0034	ND(0.00000062)	NA	0.000082
OCDD		0.00035	0.0052	ND(0.0000031)	NA	0.00014
Total TEQs (WHO TEFs)		0.00023	0.014	0.0000031	NA	0.00020
Inorganics						
Antimony		0.860 B	3.00 B	ND(6.00)	NA	1.80 B
Arsenic		8.60	4.90	7.60	NA	10.0
Barium		58.0	50.0	66.0	NA	38.0
Beryllium		0.490 B	0.220 B	0.360 B	NA	0.390 B
Cadmium		0.270 B	0.800	1.00	NA	0.100 B
Chromium		16.0	21.0	20.0	NA	30.0
Cobalt		14.0	8.20	14.0	NA	8.00
Copper		44.0	290	50.0	NA	46.0
Cyanide		0.100 B	ND(0.610)	0.0450 B	NA	0.140
Lead		50.0	210	86.0	NA	180
Mercury		0.0930 B	83.0	0.100 B	NA	1.30
Nickel		26.0	22.0	35.0	NA	15.0
Selenium		1.80	1.40	1.50	NA	1.20
Silver		0.180 B	1.30	ND(1.20)	NA	0.130 B
Sulfide		7.40	21.0	110	NA	20.0
Thallium		ND(1.20)	1.00 B	ND(1.60)	NA	ND(1.20)
Tin		5.00 B	27.0	5.90 B	NA	6.30 B
Vanadium		30.0	10.0	18.0	NA	12.0
Zinc		110	260	140	NA	66.0

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-Y9 0-1 02/25/05	RAA10-E-Z14 0-1 02/22/05	RAA10-E-Z14 1-3 02/22/05	RAA10-E-Z14 3-6 02/22/05	RAA10-E-Z14 4-6 02/22/05
Volatile Organics					
1,1,1-Trichloroethane	ND(0.0060)	ND(0.0066)	ND(0.0067)	NA	ND(0.0062)
2-Butanone	ND(0.012)	ND(0.013)	ND(0.013)	NA	ND(0.012)
4-Methyl-2-pentanone	ND(0.012)	ND(0.013)	ND(0.013)	NA	ND(0.012)
Acetone	ND(0.024)	ND(0.026)	ND(0.027)	NA	ND(0.025)
Benzene	ND(0.0060)	ND(0.0066)	ND(0.0067)	NA	ND(0.0062)
Carbon Disulfide	ND(0.0060)	ND(0.0066)	ND(0.0067)	NA	ND(0.0062)
Chlorobenzene	ND(0.0060)	ND(0.0066)	ND(0.0067)	NA	ND(0.0062)
Isobutanol	ND(0.12)	ND(0.13)	0.071 J	NA	ND(0.12)
Methylene Chloride	0.0046 J	0.0050 J	0.0046 J	NA	ND(0.0062)
Styrene	ND(0.0060)	ND(0.0066)	ND(0.0067)	NA	ND(0.0062)
Toluene	ND(0.0060)	ND(0.0066)	ND(0.0067)	NA	ND(0.0062)
Trichloroethene	ND(0.0060)	ND(0.0066)	ND(0.0067)	NA	ND(0.0062)
Xylenes (total)	ND(0.0060)	ND(0.0066)	ND(0.0067)	NA	ND(0.0062)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.40)	ND(0.44)	ND(0.45)	ND(0.42)	NA
1,2,4-Trichlorobenzene	ND(0.40)	ND(0.44)	0.066 J	0.11 J	NA
1,4-Dichlorobenzene	ND(0.40)	ND(0.44)	ND(0.45)	ND(0.42)	NA
2-Methylnaphthalene	ND(0.40)	0.046 J	ND(0.45)	0.068 J	NA
Acenaphthene	ND(0.40)	ND(0.44)	0.028 J	ND(0.42)	NA
Acenaphthylene	ND(0.40)	0.055 J	0.16 J	0.080 J	NA
Anthracene	ND(0.40)	0.067 J	0.059 J	0.048 J	NA
Benzo(a)anthracene	ND(0.40)	0.20 J	0.25 J	0.16 J	NA
Benzo(a)pyrene	ND(0.40)	0.15 J	0.15 J	0.13 J	NA
Benzo(b)fluoranthene	ND(0.40)	0.21 J	0.23 J	0.14 J	NA
Benzo(g,h,i)perylene	ND(0.40)	0.049 J	0.077 J	ND(0.42)	NA
Benzo(k)fluoranthene	ND(0.40)	0.20 J	0.29 J	0.24 J	NA
bis(2-Ethylhexyl)phthalate	0.33 J	ND(0.44)	ND(0.44)	ND(0.42)	NA
Chrysene	ND(0.40)	0.30 J	0.32 J	0.23 J	NA
Dibenzo(a,h)anthracene	ND(0.40)	ND(0.44)	ND(0.45)	ND(0.42)	NA
Dibenzofuran	ND(0.40)	ND(0.44)	ND(0.45)	ND(0.42)	NA
Fluoranthene	ND(0.40)	0.58	0.56	0.48	NA
Fluorene	ND(0.40)	ND(0.44)	ND(0.45)	ND(0.42)	NA
Indeno(1,2,3-cd)pyrene	ND(0.40)	ND(0.44)	0.063 J	ND(0.42)	NA
Naphthalene	ND(0.40)	0.055 J	ND(0.45)	0.052 J	NA
N-Nitrosomorpholine	ND(0.40)	ND(0.44)	ND(0.45)	ND(0.42)	NA
Phenanthrene	ND(0.40)	0.33 J	0.14 J	0.19 J	NA
Pyrene	ND(0.40)	0.54	0.57	0.46	NA
Organochlorine Pesticides					
4,4'-DDD	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	NA	NA	NA	NA	NA
Herbicides					
None Detected	NA	NA	NA	NA	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-E-Y9 0-1 02/25/05	RAA10-E-Z14 0-1 02/22/05	RAA10-E-Z14 1-3 02/22/05	RAA10-E-Z14 3-6 02/22/05	RAA10-E-Z14 4-6 02/22/05
Furans						
2,3,7,8-TCDF		0.00000074 JY	0.00060 Y	0.0011 Y	0.00078 Y	NA
TCDFs (total)		0.00000074	0.0023	0.0040	0.0032	NA
1,2,3,7,8-PeCDF		ND(0.00000017)	0.00042	0.00064	0.00052	NA
2,3,4,7,8-PeCDF		ND(0.00000020)	0.00047	0.00081	0.00063	NA
PeCDFs (total)		ND(0.00000025)	0.0027	0.0051	0.0035	NA
1,2,3,4,7,8-HxCDF		ND(0.00000031)	0.0011	0.0018	0.0015	NA
1,2,3,6,7,8-HxCDF		ND(0.00000020)	0.00069 I	0.0013	0.00090	NA
1,2,3,7,8,9-HxCDF		ND(0.00000013)	0.000025	ND(0.000026)	ND(0.000028)	NA
2,3,4,6,7,8-HxCDF		ND(0.00000018)	0.00024	0.00036	0.00028	NA
HxCDFs (total)		ND(0.00000031)	0.0042	0.0073	0.0051	NA
1,2,3,4,6,7,8-HpCDF		ND(0.00000031)	0.0012	0.0019	0.0014	NA
1,2,3,4,7,8,9-HpCDF		ND(0.00000012)	0.00039	0.00055	0.00040	NA
HpCDFs (total)		ND(0.00000031)	0.0023	0.0033	0.0024	NA
OCDF		ND(0.00000013)	0.0010	0.0014	0.00094	NA
Dioxins						
2,3,7,8-TCDD		ND(0.000000077)	0.0000084	ND(0.0000052)	ND(0.0000044)	NA
TCDDs (total)		ND(0.00000014)	0.000053	0.000024	0.000017	NA
1,2,3,7,8-PeCDD		ND(0.00000039)	0.0000093	ND(0.000012)	ND(0.000010)	NA
PeCDDs (total)		ND(0.00000039)	0.000020	ND(0.000022)	ND(0.000018)	NA
1,2,3,4,7,8-HxCDD		ND(0.00000010)	0.0000081 J	ND(0.000011)	ND(0.0000086)	NA
1,2,3,6,7,8-HxCDD		ND(0.00000023)	0.000017	ND(0.000020)	ND(0.000015)	NA
1,2,3,7,8,9-HxCDD		ND(0.00000015)	0.000016	ND(0.000018)	ND(0.000013)	NA
HxCDDs (total)		ND(0.00000023)	0.00017	0.00017	0.00014	NA
1,2,3,4,6,7,8-HpCDD		ND(0.00000021)	0.00014	0.00015	0.00012	NA
HpCDDs (total)		ND(0.00000021)	0.00028	0.00031	0.00024	NA
OCDD		ND(0.0000023)	0.0011	0.00052	0.00037	NA
Total TEQs (WHO TEFs)		0.00000043	0.00056	0.00093	0.00072	NA
Inorganics						
Antimony		ND(6.00)	2.00 B	1.90 B	1.20 B	NA
Arsenic		3.30	38.0	17.0	7.40	NA
Barium		27.0	62.0	100	42.0	NA
Beryllium		0.270 B	0.780	0.540	0.330 B	NA
Cadmium		ND(0.500)	0.300 B	0.260 B	0.150 B	NA
Chromium		10.0	24.0	20.0	11.0	NA
Cobalt		7.80	9.20	11.0	7.10	NA
Copper		13.0	65.0	70.0	59.0	NA
Cyanide		ND(0.240)	0.270	0.180	0.120 B	NA
Lead		4.70	65.0	72.0	49.0	NA
Mercury		ND(0.120)	0.190	0.360	0.350	NA
Nickel		14.0	20.0	22.0	14.0	NA
Selenium		0.610 B	2.40	2.10	1.50	NA
Silver		ND(1.00)	0.580 B	0.340 B	0.180 B	NA
Sulfide		17.0	17.0	17.0	14.0	NA
Thallium		ND(1.20)	ND(1.30)	ND(1.30)	ND(1.30)	NA
Tin		3.40 B	8.90 B	8.60 B	7.30 B	NA
Vanadium		9.30	21.0	22.0	14.0	NA
Zinc		43.0	100	120	73.0	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-L17 0-1 02/28/05	RAA10-N-M18 0-1 03/04/05	RAA10-N-M20 0-1 03/04/05	RAA10-N-O18 0-1 03/04/05
Volatile Organics				
1,1,1-Trichloroethane	ND(0.033)	ND(0.018)	ND(0.015)	ND(0.013) [ND(0.012)]
2-Butanone	ND(0.067)	ND(0.036)	ND(0.030)	0.038 [0.22]
4-Methyl-2-pentanone	ND(0.067)	ND(0.036)	ND(0.030)	ND(0.027) [ND(0.024)]
Acetone	0.68	0.12	0.23	0.25 [0.45]
Benzene	ND(0.033)	ND(0.018)	ND(0.015)	ND(0.013) [ND(0.012)]
Carbon Disulfide	ND(0.033)	ND(0.018)	ND(0.015)	ND(0.013) [ND(0.012)]
Chlorobenzene	ND(0.033)	ND(0.018)	ND(0.015)	ND(0.013) [ND(0.012)]
Isobutanol	0.26 J	ND(0.36)	ND(0.30)	ND(0.27) [ND(0.24)]
Methylene Chloride	ND(0.033)	ND(0.018)	ND(0.015)	ND(0.013) [ND(0.012)]
Styrene	ND(0.033)	ND(0.018)	ND(0.015)	ND(0.013) [ND(0.012)]
Toluene	ND(0.033)	ND(0.018)	ND(0.015)	ND(0.013) [ND(0.012)]
Trichloroethene	ND(0.033)	ND(0.018)	ND(0.015)	ND(0.013) [ND(0.012)]
Xylenes (total)	ND(0.033)	ND(0.018)	ND(0.015)	ND(0.013) [0.012 J]
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(2.2)	ND(1.2)	ND(1.0)	ND(1.3) [ND(0.94)]
1,2,4-Trichlorobenzene	ND(2.2)	ND(1.2)	ND(1.0)	ND(1.3) [ND(0.94)]
1,4-Dichlorobenzene	ND(2.2)	ND(1.2)	ND(1.0)	ND(1.3) [ND(0.94)]
2-Methylnaphthalene	ND(2.2)	ND(1.2)	ND(1.0)	ND(1.3) [ND(0.94)]
Acenaphthene	ND(2.2)	ND(1.2)	ND(1.0)	ND(1.3) [ND(0.94)]
Acenaphthylene	ND(2.2)	ND(1.2)	ND(1.0)	0.29 J [ND(0.94)]
Anthracene	ND(2.2)	ND(1.2)	ND(1.0)	0.097 J [ND(0.94)]
Benzo(a)anthracene	ND(2.2)	ND(1.2)	ND(1.0)	0.43 J [ND(0.94)]
Benzo(a)pyrene	ND(2.2)	ND(1.2)	ND(1.0)	0.37 J [ND(0.94)]
Benzo(b)fluoranthene	ND(2.2)	ND(1.2)	ND(1.0)	0.42 J [ND(0.94)]
Benzo(g,h,i)perylene	ND(2.2)	ND(1.2)	ND(1.0)	0.23 J [ND(0.94)]
Benzo(k)fluoranthene	ND(2.2)	ND(1.2)	ND(1.0)	0.35 J [ND(0.94)]
bis(2-Ethylhexyl)phthalate	ND(2.2)	ND(1.2)	ND(1.0)	ND(0.88) [ND(0.93)]
Chrysene	ND(2.2)	ND(1.2)	ND(1.0)	0.51 J [ND(0.94)]
Dibenzo(a,h)anthracene	ND(2.2)	ND(1.2)	ND(1.0)	ND(1.3) [ND(0.94)]
Dibenzofuran	ND(2.2)	ND(1.2)	ND(1.0)	ND(1.3) [ND(0.94)]
Fluoranthene	ND(2.2)	ND(1.2)	ND(1.0)	0.81 J [0.11 J]
Fluorene	ND(2.2)	ND(1.2)	ND(1.0)	ND(1.3) [ND(0.94)]
Indeno(1,2,3-cd)pyrene	ND(2.2)	ND(1.2)	ND(1.0)	0.19 J [ND(0.94)]
Naphthalene	ND(2.2)	ND(1.2)	ND(1.0)	ND(1.3) [ND(0.94)]
N-Nitrosomorpholine	ND(2.2)	ND(1.2)	ND(1.0)	ND(1.3) [ND(0.94)]
Phenanthrene	ND(2.2)	ND(1.2)	ND(1.0)	0.34 J [ND(0.94)]
Pyrene	ND(2.2)	ND(1.2)	ND(1.0)	0.94 J [0.14 J]
Organochlorine Pesticides				
4,4'-DDD	ND(0.067)	0.013 J	0.0072 J	0.0039 J
4,4'-DDE	ND(0.067)	0.0043 J	0.00097 J	0.0040 J
4,4'-DDT	ND(0.067)	ND(0.036)	0.0017 J	0.0057 J
Organophosphate Pesticides				
None Detected	--	--	--	--
Herbicides				
None Detected	--	--	--	--

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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-L17 0-1 02/28/05	RAA10-N-M18 0-1 03/04/05	RAA10-N-M20 0-1 03/04/05	RAA10-N-O18 0-1 03/04/05
Furans					
2,3,7,8-TCDF		0.000016 Y	0.0000027 Y	0.000022 Y	0.00013 Y
TCDFs (total)		0.00015	0.000010	0.00017	0.0013
1,2,3,7,8-PeCDF		ND(0.0000050)	ND(0.0000033)	0.0000053 J	0.000031
2,3,4,7,8-PeCDF		ND(0.0000052)	ND(0.0000032)	0.0000061 J	0.000053
PeCDFs (total)		0.000032	ND(0.0000033)	0.000071	0.00091
1,2,3,4,7,8-HxCDF		ND(0.0000048)	ND(0.0000021)	ND(0.0000050)	0.000025
1,2,3,6,7,8-HxCDF		ND(0.0000023)	ND(0.0000020)	ND(0.0000035)	0.000036
1,2,3,7,8,9-HxCDF		ND(0.00000048)	ND(0.0000025)	ND(0.0000016)	ND(0.0000046)
2,3,4,6,7,8-HxCDF		ND(0.0000025)	ND(0.0000022)	ND(0.0000043)	0.000033
HxCDFs (total)		ND(0.000014)	ND(0.0000025)	0.000041	0.00093
1,2,3,4,6,7,8-HpCDF		ND(0.0000099)	ND(0.0000017)	0.0000086 J	0.000081
1,2,3,4,7,8,9-HpCDF		ND(0.0000015)	ND(0.0000018)	ND(0.0000012)	0.000011 J
HpCDFs (total)		ND(0.0000099)	ND(0.0000018)	0.000016	0.00020
OCDF		ND(0.000018)	ND(0.0000036)	ND(0.0000059)	0.000070
Dioxins					
2,3,7,8-TCDD		ND(0.00000065)	ND(0.0000025)	ND(0.0000014)	0.0000019 J
TCDDs (total)		ND(0.0000020)	ND(0.0000025)	0.0000017	0.000015
1,2,3,7,8-PeCDD		ND(0.0000018)	ND(0.0000043)	ND(0.0000028)	0.0000069 J
PeCDDs (total)		ND(0.0000019)	ND(0.0000043)	ND(0.0000028)	0.0000069
1,2,3,4,7,8-HxCDD		ND(0.0000010)	ND(0.0000028)	ND(0.0000020)	ND(0.0000067)
1,2,3,6,7,8-HxCDD		ND(0.0000019)	ND(0.0000025)	ND(0.0000018)	0.000016
1,2,3,7,8,9-HxCDD		ND(0.0000021)	ND(0.0000026)	ND(0.0000018)	0.0000082 J
HxCDDs (total)		ND(0.0000045)	ND(0.0000028)	ND(0.0000032)	0.00014
1,2,3,4,6,7,8-HpCDD		ND(0.000016)	0.000013 J	0.0000091 J	0.000072
HpCDDs (total)		ND(0.000016)	0.000030	0.000018	0.00014
OCDD		0.000096	0.00014	0.000042	0.00029
Total TEQs (WHO TEFs)		0.0000052	0.0000055	0.0000088	0.000064
Inorganics					
Antimony		ND(10.0)	ND(6.00)	ND(6.00)	ND(6.00) [ND(6.00)]
Arsenic		4.00 B	5.70	5.30	11.0 [6.80]
Barium		86.0	150	130	120 [150]
Beryllium		0.400 B	0.940	0.940	0.740 [0.830]
Cadmium		ND(1.00)	1.80	1.80	2.30 [2.10]
Chromium		13.0	24.0	23.0	21.0 [24.0]
Cobalt		6.20	9.60	8.50	17.0 [12.0]
Copper		16.0	30.0	31.0	31.0 [27.0]
Cyanide		0.740	0.440	0.340	0.300 [0.590]
Lead		13.0	20.0	32.0	43.0 [28.0]
Mercury		ND(0.670)	0.160 B	0.210 B	0.180 B [0.180 B]
Nickel		12.0	22.0	24.0	45.0 [48.0]
Selenium		ND(5.00)	3.80	2.60	4.40 [4.80]
Silver		ND(5.00)	ND(2.70)	ND(2.30)	ND(2.00) [ND(2.10)]
Sulfide		590	280	24.0	56.0 [32.0]
Thallium		ND(6.70)	6.80	8.70	6.90 [4.90]
Tin		15.0 B	8.60 B	7.30 B	5.70 B [6.50 B]
Vanadium		11.0	30.0	32.0	22.0 [23.0]
Zinc		60.0	90.0	100	150 [130]

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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 submitted to SGS 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)

E - Analyte exceeded calibration range.
I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
J - Indicates an estimated value less than the practical quantitation limit (PQL).
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 PQL.

TABLE 7-4
PCB DATA RECEIVED DURING MARCH 2005

GE ADVANCED MATERIALS SITE 1 - GLYCOL SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Matrix	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Building 109										
109-1B-GLYCOL-1	Water	3/25/2005	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Building 110										
110-1A-GLYCOL-1	Water	3/25/2005	ND(0.000065)	ND(0.000065)	ND(0.000065)	0.0019	ND(0.000065)	ND(0.000065)	ND(0.000065)	0.0019
110-1F-GLYCOL-1	Water	3/25/2005	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
110-1G-GLYCOL-1	Water	3/25/2005	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	0.000077	ND(0.000065)	0.000077
	Water	3/25/2005	[ND(0.000065)]	[ND(0.000065)]	[ND(0.000065)]	[ND(0.000065)]	[ND(0.000065)]	[0.00020]	[ND(0.000065)]	[0.00020]
Building 114										
114-1E-GLYCOL-1	Water	3/25/2005	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	0.000077	ND(0.000065)	0.000077

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

ITEM 8
FORMER OXBOW AREAS A & C
(GECD410)
MARCH 2005

*** 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 preparation of Final RD/RA Work Plan.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 9
LYMAN STREET AREA
(GECD430)
MARCH 2005

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

a. Activities Undertaken/Completed

- Initiated preparation of Addendum to Conceptual Work Plan, which will include results of additional soil sampling at Sub-Area 201A.

- Received draft comments from Massachusetts Executive Office of Environmental Affairs on Conceptual RD/RA Work Plan.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

Submit Addendum to Conceptual RD/RA Work Plan to EPA on or before May 10, 2005.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 9-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

LYMAN STREET AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Additional Soil Sampling at Sub-Area 201A	RAA12-DUP-1 (RAA12-OP15.5)	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-DUP-2 (RAA12-S15.5)	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-DUP-3 (RAA12-NO14)	2/25/05	1-3	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	3/21/05
Additional Soil Sampling at Sub-Area 201A	RAA12-NO13	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-NO13.5	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-NO14	2/25/05	0-1	Soil	SGS	PCB	3/21/05
Additional Soil Sampling at Sub-Area 201A	RAA12-NO14	2/25/05	1-3	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	3/21/05
Additional Soil Sampling at Sub-Area 201A	RAA12-NO14.5	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-O12.5	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-O13.5	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-O14.5	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-OP12	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-OP12.5	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-OP13	2/25/05	0-1	Soil	SGS	PCB	3/21/05
Additional Soil Sampling at Sub-Area 201A	RAA12-OP13	2/25/05	6-10	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/21/05
Additional Soil Sampling at Sub-Area 201A	RAA12-OP13	2/25/05	8-10	Soil	SGS	VOC	3/21/05
Additional Soil Sampling at Sub-Area 201A	RAA12-OP13.5	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-OP14	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-OP14.5	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-OP15	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-OP15.5	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-PQ12.5	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-Q13E	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-QR13	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-R13E	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-RS13	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-RS14	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-RS14.5	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-RS15	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-RS15.5	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-RS16	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-S14.5	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-S15.5	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-ST13	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-ST13.5	2/23/05	0-1	Soil	SGS	PCB	3/2/05
Additional Soil Sampling at Sub-Area 201A	RAA12-ST14.5	2/23/05	0-1	Soil	SGS	PCB	3/2/05

Note:
1. Field duplicate sample locations are presented in parenthesis.

TABLE 9-2
PCB DATA RECEIVED DURING MARCH 2005

ADDITIONAL SOIL SAMPLING AT SUB-AREA 201A
LYMAN STREET 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
RAA12-NO13	0-1	2/23/2005	ND(0.036)	0.025 J	0.031 J	0.056 J
RAA12-NO13.5	0-1	2/23/2005	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA12-NO14	0-1	2/25/2005	ND(0.037)	0.033 J	ND(0.037)	0.033 J
RAA12-NO14.5	0-1	2/23/2005	ND(0.039)	0.37	0.28	0.65
RAA12-O12.5	0-1	2/23/2005	ND(0.038)	0.034 J	ND(0.038)	0.034 J
RAA12-O13.5	0-1	2/23/2005	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA12-O14.5	0-1	2/23/2005	ND(0.041)	0.092	0.046	0.138
RAA12-OP12	0-1	2/23/2005	ND(0.042)	0.065	0.10	0.165
RAA12-OP12.5	0-1	2/23/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA12-OP13	0-1	2/25/2005	ND(0.037)	0.021 J	ND(0.037)	0.021 J
RAA12-OP13.5	0-1	2/23/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA12-OP14	0-1	2/23/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA12-OP14.5	0-1	2/23/2005	ND(0.038)	0.10	0.040	0.14
RAA12-OP15	0-1	2/23/2005	ND(0.042)	0.26	0.22	0.48
RAA12-OP15.5	0-1	2/23/2005	ND(0.038) [ND(0.039)]	0.069 [0.023 J]	0.038 [ND(0.039)]	0.107 [0.023 J]
RAA12-PQ12.5	0-1	2/23/2005	ND(0.040)	0.11	0.089	0.199
RAA12-Q13E	0-1	2/23/2005	ND(0.042)	0.33	0.26	0.59
RAA12-QR13	0-1	2/23/2005	ND(0.036)	0.031 J	ND(0.036)	0.031 J
RAA12-R13E	0-1	2/23/2005	ND(0.037)	0.028 J	ND(0.037)	0.028 J
RAA12-RS13	0-1	2/23/2005	ND(0.038)	0.10	0.032 J	0.132
RAA12-RS14	0-1	2/23/2005	ND(0.81)	30	19	49
RAA12-RS14.5	0-1	2/23/2005	ND(0.79)	15	7.6	22.6
RAA12-RS15	0-1	2/23/2005	ND(1.0)	11	15	26
RAA12-RS15.5	0-1	2/23/2005	ND(0.19)	2.2	2.0	4.2
RAA12-RS16	0-1	2/23/2005	ND(0.038)	0.33	0.32	0.65
RAA12-S14.5	0-1	2/23/2005	ND(0.37)	3.8	8.5	12.3
RAA12-S15.5	0-1	2/23/2005	ND(0.39) [ND(0.44)]	10 [9.0]	6.9 [5.2]	16.9 [14.2]
RAA12-ST13	0-1	2/23/2005	ND(3.9)	47	14	61
RAA12-ST13.5	0-1	2/23/2005	ND(2.1)	2.6	ND(2.1)	2.6
RAA12-ST14.5	0-1	2/23/2005	ND(0.040)	0.32	0.24	0.56

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

Data Qualifiers:

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

TABLE 9-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

ADDITIONAL SOIL SAMPLING AT SUB-AREA 201A
LYMAN STREET AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA12-NO14 1-3 02/25/05	RAA12-OP13 6-10 02/25/05	RAA12-OP13 8-10 02/25/05
Volatile Organics			
Isobutanol	0.033 J [ND(0.12)]	NA	ND(0.14)
Methylene Chloride	0.0044 J [ND(0.0062)]	NA	ND(0.0070)
Semivolatile Organics			
Acenaphthene	ND(0.43) [ND(0.41)]	0.079 J	NA
Acenaphthylene	0.24 J [0.13 J]	ND(0.49)	NA
Anthracene	0.15 J [0.094 J]	0.16 J	NA
Benzo(a)anthracene	0.65 [0.61]	1.0	NA
Benzo(a)pyrene	0.68 [0.76]	0.84	NA
Benzo(b)fluoranthene	0.52 [0.52]	0.92	NA
Benzo(g,h,i)perylene	0.45 [0.44]	0.52	NA
Benzo(k)fluoranthene	0.62 [0.70]	0.89	NA
Chrysene	0.75 [0.71]	1.2	NA
Dibenzo(a,h)anthracene	0.067 J [0.11 J]	0.15 J	NA
Fluoranthene	1.0 [1.0]	1.6	NA
Indeno(1,2,3-cd)pyrene	0.35 J [0.35 J]	0.45 J	NA
Phenanthrene	0.37 J [0.28 J]	0.84	NA
Pyrene	1.2 [1.2]	1.6	NA
Furans			
2,3,7,8-TCDF	0.0000024 Y [0.0000044 Y]	0.0000024 Y	NA
TCDFs (total)	0.000015 [0.000029]	0.000040	NA
1,2,3,7,8-PeCDF	ND(0.0000011) [ND(0.0000018)]	ND(0.0000023)	NA
2,3,4,7,8-PeCDF	ND(0.0000015) [ND(0.0000024)]	0.0000038 J	NA
PeCDFs (total)	0.0000056 [0.000015]	0.000021	NA
1,2,3,4,7,8-HxCDF	ND(0.0000021) [ND(0.0000029)]	ND(0.0000030)	NA
1,2,3,6,7,8-HxCDF	ND(0.0000016) [ND(0.0000029)]	ND(0.0000030)	NA
1,2,3,7,8,9-HxCDF	ND(0.00000023) [ND(0.00000019)]	ND(0.00000020)	NA
2,3,4,6,7,8-HxCDF	ND(0.0000011) [ND(0.0000014)]	0.0000036 J	NA
HxCDFs (total)	0.0000047 [0.000011]	0.000016	NA
1,2,3,4,6,7,8-HpCDF	0.0000042 J [0.0000056 J]	0.000011	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000052) [ND(0.000000097)]	ND(0.00000067)	NA
HpCDFs (total)	0.0000042 [0.0000056]	0.000011	NA
OCDF	ND(0.0000034) [ND(0.0000054)]	ND(0.0000035)	NA
Dioxins			
2,3,7,8-TCDD	ND(0.00000010) [ND(0.00000012)]	ND(0.00000035)	NA
TCDDs (total)	ND(0.00000033) [ND(0.00000048)]	0.0000011	NA
1,2,3,7,8-PeCDD	ND(0.00000030) [ND(0.00000049)]	ND(0.00000043)	NA
PeCDDs (total)	ND(0.00000063) [ND(0.00000049)]	ND(0.0000022)	NA
1,2,3,4,7,8-HxCDD	ND(0.00000034) [ND(0.00000019)]	ND(0.00000061)	NA
1,2,3,6,7,8-HxCDD	ND(0.00000027) [ND(0.00000044)]	ND(0.00000090)	NA
1,2,3,7,8,9-HxCDD	ND(0.00000047) [ND(0.00000072)]	ND(0.0000017)	NA
HxCDDs (total)	ND(0.0000012) [ND(0.0000018)]	0.0000042	NA
1,2,3,4,6,7,8-HpCDD	ND(0.0000020) [ND(0.0000024)]	0.0000038 J	NA
HpCDDs (total)	ND(0.0000020) [ND(0.0000024)]	0.0000079	NA
OCDD	0.0000091 J [0.000014]	0.0000096 J	NA
Total TEQs (WHO TEFs)	0.0000012 [0.0000019]	0.0000036	NA

TABLE 9-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

ADDITIONAL SOIL SAMPLING AT SUB-AREA 201A
LYMAN STREET AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA12-NO14 1-3 02/25/05	RAA12-OP13 6-10 02/25/05	RAA12-OP13 8-10 02/25/05
Inorganics				
Antimony		1.20 B [3.20 B]	2.00 B	NA
Arsenic		10.0 [9.60]	15.0	NA
Barium		69.0 [72.0]	95.0	NA
Beryllium		0.390 B [0.340 B]	0.490 B	NA
Cadmium		ND(0.500) [ND(0.500)]	0.830	NA
Chromium		14.0 [14.0]	20.0	NA
Cobalt		11.0 [10.0]	12.0	NA
Copper		54.0 [53.0]	120	NA
Cyanide		0.100 B [0.110 B]	0.460	NA
Lead		120 [110]	380	NA
Mercury		0.460 [0.330]	0.700	NA
Nickel		20.0 [19.0]	24.0	NA
Selenium		0.990 B [1.80]	3.70	NA
Silver		ND(1.00) [0.220 B]	0.180 B	NA
Sulfide		34.0 [18.0]	130	NA
Thallium		ND(1.30) [ND(1.20)]	1.20 B	NA
Tin		16.0 [13.0]	30.0	NA
Vanadium		17.0 [16.0]	26.0	NA
Zinc		120 [120]	480	NA

Notes:
1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to SGS 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. 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).
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 PQL.

ITEM 10
NEWELL STREET AREA I
(GECD440)
MARCH 2005

*** 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)

Record ERE for Parcel J9-23-24 upon receipt of EPA approval and MDEP acceptance of ERE.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

GE plans to conduct the remediation of Parcel J9-23-13 and Parcels J9-23-19, -20, and -21 during the 2005 construction season.

f. Proposed/Approved Work Plan Modifications

None

ITEM 11
NEWELL STREET AREA II
(GECD450)
MARCH 2005

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

a. Activities Undertaken/Completed

Conducted sampling of DNAPL oil from trailer, as identified in Table 11-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted Final RD/RA Work Plan (March 3, 2005).

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

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 11-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

NEWELL STREET AREA II
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
DNAPL Oil from Newell Street Trailer	NS2-TANK1-OIL-1	3/14/05	Oil	SGS	Flashpoint	3/15/05
DNAPL Oil from Newell Street Trailer	NS2-TANK1-OIL-1	3/10/05	Oil	SGS	PCB, Total RCRA Metals	3/16/05

TABLE 11-2
DATA RECEIVED DURING MARCH 2005

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

Parameter / Sample ID: / Date Collected:	NS2-TANK1-OIL-1 03/10/05	NS2-TANK1-OIL-1 03/14/05
PCBs		
Aroclor-1254	320000	NA
Total PCBs	320000	NA
Inorganics		
Arsenic	0.700 B	NA
Barium	0.730	NA
Chromium	0.720 B	NA
Lead	0.730 B	NA
Mercury	0.0240 B	NA
Selenium	0.710 B	NA
Silver	0.180 B	NA
Waste Characterization		
Flashpoint (^{o}F)	NA	140

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of PCBs, metals and flashpoint.
2. NA - Not Analyzed.

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
(GECD420)
MARCH 2005

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted Conceptual RD/RA Work Plan (March 9, 2005).

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

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 13
HOUSATONIC RIVER AREA
UPPER ½ MILE REACH
(GECD800)
MARCH 2005

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

a. Activities Undertaken/Completed

On March 29, 2005, BBL (on GE's behalf) performed water column sampling during a high flow event at two locations along the Housatonic River. One location is situated below the ½-Mile Reach (Lyman Street Bridge - Location 4) and the other is situated upstream of the ½-Mile Reach (Newell Street Bridge - Location 2). Composite grab samples were collected for analysis of PCBs (total – filtered and unfiltered) and TSS (see Table 13-1).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Conduct seepage meter monitoring when water levels allow.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- Seepage meter monitoring has not occurred due to increased water levels.

- Issues relating to total organic carbon (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. The 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

TABLE 13-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Monthly Water Column Sampling/Upper 1/2 Mile Reach High Flow	Location-2	3/29/05	Water	NEA	PCB, PCB (f), TSS, POC, Chlorophyll-	
Monthly Water Column Sampling/Upper 1/2 Mile Reach High Flow	Location-4	3/29/05	Water	NEA	PCB, PCB (f), TSS, POC, Chlorophyll-	

Note:
1. (f) - Indicates filtered analysis requested.

ITEM 14
HOUSATONIC RIVER AREA
1½-MILE REACH
(GECD820)
MARCH 2005

(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 March 29, 2005, 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.)

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

Continue Housatonic River monthly water column monitoring.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 14-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Monthly Water Column Sampling	Location-4	2/24/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/11/05
Monthly Water Column Sampling/ Upper 1/2 Mile Reach High Flow Sampling	Location-4	3/29/05	Water	NEA	PCB, PCB (f), TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-6A	2/24/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/11/05
Monthly Water Column Sampling	Location-6A	3/29/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	

Note:
1. (f) - Indicates filtered analysis requested.

TABLE 14-2
SAMPLE DATA RECEIVED DURING MARCH 2005

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

Sample ID	Location	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-4	Lyman Street Bridge	2/24/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.600	3.10	0.00030
LOCATION-6A	Pomeroy Ave. Bridge	2/24/2005	ND(0.0000220)	ND(0.0000220)	0.0000290 AG	0.0000290	0.484	4.00	0.00030

Notes:

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

Data Qualifiers:

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
(GECD850)
MARCH 2005

a. Activities Undertaken/Completed

On March 29, 2005, 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 March 29, 2005 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).

b. Sampling/Test Results

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted comments on revised draft of EPA's Human Health Risk Assessment (HHRA) for Rest of River (April 4, 2005).*

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

- Continue Housatonic River monthly water column monitoring.
- Prepare plan for work on gate stem repairs at Rising Pond Dam, as identified in the Structural Integrity Report submitted in July 2003 for that dam, and based on the October 2003 gate stem inspection.*
- Submit comments on EPA's revised draft HHRA (due by April 5, 2005).*
- Attend document overview meeting for Peer Review Panel on EPA's Model Calibration Report (April 13, 2005).*
- Attend Peer Review meeting on EPA's Model Calibration Report (May 4-5, 2005).*

ITEM 15
(cont'd)
HOUSATONIC RIVER AREA
REST OF THE RIVER
(GECD850)
MARCH 2005

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Ongoing issues relating to EPA's risk assessments and model development.*

f. Proposed/Approved Work Plan Modifications

None

TABLE 15-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Monthly Water Column Sampling	HR-D1 (Location-12)	3/29/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	HR-D1 (Location-12)	2/24/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/11/05
Monthly Water Column Sampling	Location-1	2/24/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/11/05
Monthly Water Column Sampling	Location-1	3/29/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-10	2/24/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/11/05
Monthly Water Column Sampling	Location-10	3/29/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-12	3/29/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-12	2/24/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/11/05
Monthly Water Column Sampling	Location-13	3/29/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-13	2/24/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/11/05
Monthly Water Column Sampling	Location-2	2/24/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/11/05
Monthly Water Column Sampling/ Upper 1/2 Mile Reach High Flow Sampling	Location-2	3/29/05	Water	NEA	PCB, PCB (f), TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-7	3/29/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-7	2/24/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/11/05
Monthly Water Column Sampling	Location-9	3/29/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-9	2/24/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/11/05

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

TABLE 15-2
SAMPLE DATA RECEIVED DURING MARCH 2005

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

Sample ID	Location	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-1	Hubbard Avenue Bridge	2/24/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.328	ND(1.00)	ND(0.00010)
LOCATION-2	Newell Street Bridge	2/24/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.498	3.80	0.00030
LOCATION-7	Holmes Road Bridge	2/24/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.326	2.10	0.00050
LOCATION-9	New Lenox Road Bridge	2/24/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.470	1.70	0.00030
LOCATION-10	Headwaters of Woods Pond	2/24/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.446	2.00	0.00020
LOCATION-12	Schweitzer Bridge	2/24/2005 2/24/2005	ND(0.0000220) [ND(0.0000220)]	ND(0.0000220) [ND(0.0000220)]	0.0000260 AG [0.0000320 AG]	0.0000260 AG [0.0000320 AG]	0.439 [0.219]	2.30 [2.30]	0.00080 [0.00080]
LOCATION-13	Division Street Bridge	2/24/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.314	1.70	0.00040

Notes:

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

Data Qualifiers:

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

ITEMS 16 & 17
HOUSATONIC RIVER FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1½-MILE REACH (GECD710 AND GECD720) MARCH 2005

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted *Second Interim Pre-Design Investigation Report – Phase 3 Floodplain Properties, Groups 3C and 3D* (March 10, 2005).

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

- Prepare and submit Pre-Design Investigation Report for Phase 4, Groups 4A, 4B, and 4C properties (due on or before April 13, 2005).

- Prepare and submit RD/RA Work Plan for Phase 3, Groups 3A and 3B properties (due on or before April 15, 2005).

- Begin development of RD/RA Work Plan for Phase 3, Group 3C and 3D properties (due on or before June 10, 2005).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

GE will 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.

f. Proposed/Approved Work Plan Modifications

- Received EPA conditional approval of GE's *Second Interim Pre-Design Investigation Report - Phase 3 Floodplain Properties, Groups 3A and 3B* (March 9, 2005).

- Received EPA conditional approval of GE's *Second Interim Pre-Design Investigation Report - Phase 3 Floodplain Properties, Groups 3C and 3D* (March 29, 2005).

TABLE 16&17-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Non-Residential Properties Soil Sampling	4A-DUP-4 (4A-SB-3)	1/31/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/7/05
Non-Residential Properties Soil Sampling	4A-DUP-6 (4A-SB-3)	1/31/05	4-6	Soil	SGS	VOC	3/7/05
Non-Residential Properties Soil Sampling	4A-SB-12	1/28/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/4/05
Non-Residential Properties Soil Sampling	4A-SB-12	1/28/05	1-3	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	3/4/05
Non-Residential Properties Soil Sampling	4A-SB-14	1/25/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/4/05
Non-Residential Properties Soil Sampling	4A-SB-14	1/25/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/4/05
Non-Residential Properties Soil Sampling	4A-SB-15	1/25/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/4/05
Non-Residential Properties Soil Sampling	4A-SB-15	1/25/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/4/05
Non-Residential Properties Soil Sampling	4A-SB-15	1/25/05	3-5	Soil	SGS	VOC	3/4/05
Non-Residential Properties Soil Sampling	4A-SB-16	2/2/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/4/05
Non-Residential Properties Soil Sampling	4A-SB-16	2/2/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/4/05
Non-Residential Properties Soil Sampling	4A-SB-17	1/25/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/4/05
Non-Residential Properties Soil Sampling	4A-SB-17	1/25/05	1-3	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	3/4/05
Non-Residential Properties Soil Sampling	4A-SB-20	1/27/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/4/05
Non-Residential Properties Soil Sampling	4A-SB-20	1/27/05	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/4/05
Non-Residential Properties Soil Sampling	4A-SB-21	2/2/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/4/05
Non-Residential Properties Soil Sampling	4A-SB-21	2/2/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/4/05
Non-Residential Properties Soil Sampling	4A-SB-23	2/2/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/4/05
Non-Residential Properties Soil Sampling	4A-SB-23	2/2/05	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/4/05
Non-Residential Properties Soil Sampling	4A-SB-3	1/31/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/7/05
Non-Residential Properties Soil Sampling	4A-SB-3	1/31/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/7/05
Non-Residential Properties Soil Sampling	4A-SB-3	1/31/05	4-6	Soil	SGS	VOC	3/7/05
Non-Residential Properties Soil Sampling	4A-SB-6	1/31/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/7/05
Non-Residential Properties Soil Sampling	4A-SB-6	1/31/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/7/05
Non-Residential Properties Soil Sampling	4A-SB-6	1/31/05	3-5	Soil	SGS	VOC	3/7/05
Non-Residential Properties Soil Sampling	4A-SS-19	1/25/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/4/05
Non-Residential Properties Soil Sampling	4C-DUP-2 (4C-SB-9)	2/10/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/11/05
Non-Residential Properties Soil Sampling	4C-DUP-5 (4C-SB-19)	2/16/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/17/05
Non-Residential Properties Soil Sampling	4C-SB-1	2/9/05	10-15	Soil	SGS	PCB	3/11/05
Non-Residential Properties Soil Sampling	4C-SB-1	2/9/05	6-10	Soil	SGS	PCB	3/3/05
Non-Residential Properties Soil Sampling	4C-SB-1	2/9/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/17/05
Non-Residential Properties Soil Sampling	4C-SB-1	2/9/05	6-10	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/17/05
Non-Residential Properties Soil Sampling	4C-SB-10	2/10/05	6-10	Soil	SGS	PCB	3/3/05
Non-Residential Properties Soil Sampling	4C-SB-10	2/10/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/11/05
Non-Residential Properties Soil Sampling	4C-SB-11	2/10/05	6-10	Soil	SGS	PCB	3/3/05
Non-Residential Properties Soil Sampling	4C-SB-11	2/10/05	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/11/05
Non-Residential Properties Soil Sampling	4C-SB-13	2/10/05	6-10	Soil	SGS	PCB	3/3/05
Non-Residential Properties Soil Sampling	4C-SB-13	2/10/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/11/05
Non-Residential Properties Soil Sampling	4C-SB-13	2/10/05	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/11/05

TABLE 16&17-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Non-Residential Properties Soil Sampling	4C-SB-13	2/10/05	6-10	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/11/05
Non-Residential Properties Soil Sampling	4C-SB-14	2/11/05	6-10	Soil	SGS	PCB	3/3/05
Non-Residential Properties Soil Sampling	4C-SB-15	2/14/05	6-10	Soil	SGS	PCB	3/3/05
Non-Residential Properties Soil Sampling	4C-SB-15	2/14/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/17/05
Non-Residential Properties Soil Sampling	4C-SB-16	2/11/05	6-10	Soil	SGS	PCB	3/3/05
Non-Residential Properties Soil Sampling	4C-SB-17	2/11/05	6-10	Soil	SGS	PCB	3/3/05
Non-Residential Properties Soil Sampling	4C-SB-17	2/11/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/11/05
Non-Residential Properties Soil Sampling	4C-SB-17	2/11/05	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/11/05
Non-Residential Properties Soil Sampling	4C-SB-18	2/11/05	6-10	Soil	SGS	PCB	3/3/05
Non-Residential Properties Soil Sampling	4C-SB-19	2/16/05	6-10	Soil	SGS	PCB	3/3/05
Non-Residential Properties Soil Sampling	4C-SB-19	2/16/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/17/05
Non-Residential Properties Soil Sampling	4C-SB-19	2/16/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/17/05
Non-Residential Properties Soil Sampling	4C-SB-2	2/9/05	10-15	Soil	SGS	PCB	3/11/05
Non-Residential Properties Soil Sampling	4C-SB-2	2/9/05	6-10	Soil	SGS	PCB	3/3/05
Non-Residential Properties Soil Sampling	4C-SB-2	2/9/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/17/05
Non-Residential Properties Soil Sampling	4C-SB-2	2/9/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/17/05
Non-Residential Properties Soil Sampling	4C-SB-2	2/9/05	6-10	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/17/05
Non-Residential Properties Soil Sampling	4C-SB-20	2/16/05	6-10	Soil	SGS	PCB	3/3/05
Non-Residential Properties Soil Sampling	4C-SB-20	2/16/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/17/05
Non-Residential Properties Soil Sampling	4C-SB-21	2/16/05	6-10	Soil	SGS	PCB	3/3/05
Non-Residential Properties Soil Sampling	4C-SB-21	2/16/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/17/05
Non-Residential Properties Soil Sampling	4C-SB-21	2/16/05	6-10	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/17/05
Non-Residential Properties Soil Sampling	4C-SB-23	2/17/05	6-10	Soil	SGS	PCB	3/1/05
Non-Residential Properties Soil Sampling	4C-SB-23	2/17/05	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/15/05
Non-Residential Properties Soil Sampling	4C-SB-23	2/17/05	6-10	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/15/05
Non-Residential Properties Soil Sampling	4C-SB-24	2/17/05	6-10	Soil	SGS	PCB	3/3/05
Non-Residential Properties Soil Sampling	4C-SB-25	2/22/05	6-10	Soil	SGS	PCB	3/3/05
Non-Residential Properties Soil Sampling	4C-SB-26	2/16/05	6-10	Soil	SGS	PCB	3/3/05
Non-Residential Properties Soil Sampling	4C-SB-27	2/9/05	10-15	Soil	SGS	PCB	3/11/05
Non-Residential Properties Soil Sampling	4C-SB-27	2/9/05	6-10	Soil	SGS	PCB	3/3/05
Non-Residential Properties Soil Sampling	4C-SB-27	2/9/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/17/05
Non-Residential Properties Soil Sampling	4C-SB-28	2/10/05	6-10	Soil	SGS	PCB	3/3/05
Non-Residential Properties Soil Sampling	4C-SB-3	2/14/05	10-15	Soil	SGS	PCB	3/11/05
Non-Residential Properties Soil Sampling	4C-SB-3	2/14/05	6-10	Soil	SGS	PCB	3/3/05
Non-Residential Properties Soil Sampling	4C-SB-3	2/14/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/17/05
Non-Residential Properties Soil Sampling	4C-SB-3	2/14/05	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/17/05
Non-Residential Properties Soil Sampling	4C-SB-3	2/14/05	10-15	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/17/05
Non-Residential Properties Soil Sampling	4C-SB-30	2/10/05	10-15	Soil	SGS	PCB	3/11/05
Non-Residential Properties Soil Sampling	4C-SB-30	2/10/05	6-10	Soil	SGS	PCB	3/3/05

TABLE 16&17-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Non-Residential Properties Soil Sampling	4C-SB-5	2/9/05	10-15	Soil	SGS	PCB	3/11/05
Non-Residential Properties Soil Sampling	4C-SB-5	2/9/05	6-10	Soil	SGS	PCB	3/3/05
Non-Residential Properties Soil Sampling	4C-SB-5	2/9/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/17/05
Non-Residential Properties Soil Sampling	4C-SB-5	2/9/05	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/17/05
Non-Residential Properties Soil Sampling	4C-SB-5	2/9/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/17/05
Non-Residential Properties Soil Sampling	4C-SB-6	2/9/05	10-15	Soil	SGS	PCB	3/11/05
Non-Residential Properties Soil Sampling	4C-SB-6	2/9/05	6-10	Soil	SGS	PCB	3/3/05
Non-Residential Properties Soil Sampling	4C-SB-6	2/9/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/17/05
Non-Residential Properties Soil Sampling	4C-SB-6	2/9/05	10-15	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/17/05
Non-Residential Properties Soil Sampling	4C-SB-7	2/14/05	10-15	Soil	SGS	PCB	3/11/05
Non-Residential Properties Soil Sampling	4C-SB-7	2/14/05	6-10	Soil	SGS	PCB	3/3/05
Non-Residential Properties Soil Sampling	4C-SB-7	2/14/05	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/17/05
Non-Residential Properties Soil Sampling	4C-SB-7	2/14/05	6-10	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/17/05
Non-Residential Properties Soil Sampling	4C-SB-9	2/10/05	6-10	Soil	SGS	PCB	3/3/05
Non-Residential Properties Soil Sampling	4C-SB-9	2/10/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/11/05
Non-Residential Properties Soil Sampling	4C-SB-9	2/10/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/11/05
Non-Residential Properties Soil Sampling	4C-SB-9	2/10/05	6-10	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/11/05
Residential Properties Soil Sampling	4C-SB-22	2/17/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/15/05
Residential Properties Soil Sampling	4C-SB-22	2/17/05	1-2	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/15/05
Residential Properties Soil Sampling	4C-SB-22	2/17/05	4-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/15/05
Residential Properties Soil Sampling	4C-SB-29	2/17/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/15/05
Residential Properties Soil Sampling	4C-SB-29	2/17/05	2-4	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	3/15/05

Note:
1. Field duplicate sample locations are presented in parenthesis.

TABLE 16&17-2
PCB DATA RECEIVED DURING MARCH 2005

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
4C-SB-1	6-10	2/9/2005	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	10-15	2/9/2005	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
4C-SB-2	6-10	2/9/2005	ND(0.047)	0.080	0.22	0.30
	10-15	2/9/2005	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
4C-SB-3	6-10	2/14/2005	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	10-15	2/14/2005	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)
4C-SB-5	6-10	2/9/2005	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	10-15	2/9/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
4C-SB-6	6-10	2/9/2005	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	10-15	2/9/2005	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
4C-SB-7	6-10	2/14/2005	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	10-15	2/14/2005	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
4C-SB-9	6-10	2/10/2005	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)
4C-SB-10	6-10	2/10/2005	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
4C-SB-11	6-10	2/10/2005	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
4C-SB-13	6-10	2/10/2005	ND(0.046)	0.10	0.041 J	0.141
4C-SB-14	6-10	2/11/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
4C-SB-15	6-10	2/14/2005	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
4C-SB-16	6-10	2/11/2005	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
4C-SB-17	6-10	2/11/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
4C-SB-18	6-10	2/11/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
4C-SB-19	6-10	2/16/2005	ND(0.040)	0.022 J	ND(0.040)	0.022 J
4C-SB-20	6-10	2/16/2005	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
4C-SB-21	6-10	2/16/2005	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
4C-SB-23	6-10	2/17/2005	ND(0.042)	0.023 J	ND(0.042)	0.023 J
4C-SB-24	6-10	2/17/2005	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
4C-SB-25	6-10	2/22/2005	ND(0.040)	0.081	0.099	0.18
4C-SB-26	6-10	2/16/2005	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
4C-SB-27	6-10	2/9/2005	ND(5.2)	ND(5.2)	60	60
	10-15	2/9/2005	ND(0.044)	ND(0.044)	1.7	1.7
4C-SB-28	6-10	2/10/2005	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
4C-SB-30	6-10	2/10/2005	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	10-15	2/10/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)

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

Data Qualifiers:

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

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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: / Sample Depth (Feet): / Parameter / Date Collected:	4A-SB-3 0-1 01/31/05	4A-SB-3 3-6 01/31/05	4A-SB-3 4-6 01/31/05	4A-SB-6 0-1 01/31/05
Volatile Organics				
None Detected	NA	NA	--	NA
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(4.0)	ND(0.40) [ND(0.40)]	NA	ND(0.47)
1,4-Dichlorobenzene	ND(4.0)	ND(0.40) [ND(0.40)]	NA	ND(0.47)
2-Methylnaphthalene	ND(4.0)	ND(0.40) [ND(0.40)]	NA	ND(0.47)
Acenaphthene	ND(4.0)	ND(0.40) [ND(0.40)]	NA	ND(0.47)
Acenaphthylene	2.7 J	ND(0.40) [ND(0.40)]	NA	0.13 J
Anthracene	1.1 J	ND(0.40) [ND(0.40)]	NA	0.080 J
Benzo(a)anthracene	3.6 J	ND(0.40) [ND(0.40)]	NA	0.34 J
Benzo(a)pyrene	4.0 J	ND(0.40) [ND(0.40)]	NA	0.38 J
Benzo(b)fluoranthene	3.3 J	ND(0.40) [ND(0.40)]	NA	0.32 J
Benzo(g,h,i)perylene	2.7 J	ND(0.40) [ND(0.40)]	NA	0.24 J
Benzo(k)fluoranthene	4.1	ND(0.40) [ND(0.40)]	NA	0.32 J
bis(2-Ethylhexyl)phthalate	ND(2.0)	ND(0.39) [ND(0.39)]	NA	ND(0.46)
Chrysene	4.9	ND(0.40) [ND(0.40)]	NA	0.40 J
Dibenzo(a,h)anthracene	0.58 J	ND(0.40) [ND(0.40)]	NA	ND(0.47)
Dibenzofuran	ND(4.0)	ND(0.40) [ND(0.40)]	NA	ND(0.47)
Fluoranthene	7.5	ND(0.40) [ND(0.40)]	NA	0.62
Fluorene	ND(4.0)	ND(0.40) [ND(0.40)]	NA	ND(0.47)
Indeno(1,2,3-cd)pyrene	2.1 J	ND(0.40) [ND(0.40)]	NA	0.19 J
Naphthalene	ND(4.0)	ND(0.40) [ND(0.40)]	NA	ND(0.47)
Pentachlorobenzene	ND(4.0)	ND(0.40) [ND(0.40)]	NA	ND(0.47)
Phenanthrene	3.6 J	ND(0.40) [ND(0.40)]	NA	0.21 J
Phenol	ND(4.0)	ND(0.40) [ND(0.40)]	NA	ND(0.47)
Pyrene	7.8	ND(0.40) [ND(0.40)]	NA	0.62
Furans				
2,3,7,8-TCDF	0.0000048 Y	ND(0.00000057) [ND(0.00000052)]	NA	0.0000078 Y
TCDFs (total)	0.000062	ND(0.00000057) [ND(0.00000052)]	NA	0.000064
1,2,3,7,8-PeCDF	0.0000024 J	ND(0.00000058) [ND(0.00000055)]	NA	0.0000048 J
2,3,4,7,8-PeCDF	0.000012	ND(0.00000058) [ND(0.00000055)]	NA	0.0000075
PeCDFs (total)	0.00015	ND(0.00000058) [ND(0.00000055)]	NA	0.000096 I
1,2,3,4,7,8-HxCDF	0.0000044 J	ND(0.00000058) [ND(0.00000055)]	NA	0.000015
1,2,3,6,7,8-HxCDF	0.0000038 J	ND(0.00000058) [ND(0.00000055)]	NA	0.0000065
1,2,3,7,8,9-HxCDF	0.0000011 J	ND(0.00000061) [ND(0.00000063)]	NA	ND(0.0000026) X
2,3,4,6,7,8-HxCDF	0.0000089	ND(0.00000058) [ND(0.00000056)]	NA	0.0000073
HxCDFs (total)	0.00012	ND(0.00000058) [ND(0.00000056)]	NA	0.00013
1,2,3,4,6,7,8-HpCDF	0.000023	ND(0.00000064) [ND(0.00000057)]	NA	0.000084
1,2,3,4,7,8,9-HpCDF	0.0000016 J	ND(0.00000079) [ND(0.00000071)]	NA	0.0000058 J
HpCDFs (total)	0.000050	ND(0.00000070) [ND(0.00000063)]	NA	0.00015
OCDF	0.000023	ND(0.0000012) [ND(0.0000012)]	NA	0.000046
Dioxins				
2,3,7,8-TCDD	ND(0.00000061)	ND(0.00000053) [ND(0.00000049)]	NA	ND(0.00000077)
TCDDs (total)	0.0000016 J	ND(0.00000053) [ND(0.00000064)]	NA	0.0000032
1,2,3,7,8-PeCDD	0.00000096 J	ND(0.00000058) [ND(0.00000055)]	NA	0.0000017 J
PeCDDs (total)	0.0000048 JQ	ND(0.00000069) [ND(0.00000068)]	NA	0.000017
1,2,3,4,7,8-HxCDD	0.0000012 J	ND(0.00000059) [ND(0.00000068)]	NA	0.0000021 J
1,2,3,6,7,8-HxCDD	0.0000031 J	ND(0.00000058) [ND(0.00000064)]	NA	0.0000032 J
1,2,3,7,8,9-HxCDD	0.0000024 J	ND(0.00000060) [ND(0.00000068)]	NA	0.0000027 J
HxCDDs (total)	0.000023	ND(0.00000076) [ND(0.00000069)]	NA	0.000044
1,2,3,4,6,7,8-HpCDD	0.000035	ND(0.00000083) [ND(0.00000085)]	NA	0.000029
HpCDDs (total)	0.000071	ND(0.00000083) [ND(0.00000085)]	NA	0.000058
OCDD	0.00023	0.0000044 J [0.0000033 J]	NA	0.00019
Total TEQs (WHO TEFs)	0.000011	0.00000096 [0.00000092]	NA	0.000012

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	4A-SB-3 0-1 01/31/05	4A-SB-3 3-6 01/31/05	4A-SB-3 4-6 01/31/05	4A-SB-6 0-1 01/31/05
Inorganics					
Antimony		1.10 B	ND(6.00) [ND(6.00)]	NA	ND(6.00)
Arsenic		11.0	4.10 [3.40]	NA	70.0
Barium		27.0	38.0 [31.0]	NA	41.0
Beryllium		0.260 B	0.320 B [0.280 B]	NA	0.290 B
Cadmium		1.50	1.20 [1.10]	NA	1.80
Chromium		7.60	9.30 [8.90]	NA	14.0
Cobalt		8.40	8.50 [8.60]	NA	12.0
Copper		19.0	11.0 [11.0]	NA	32.0
Cyanide		0.150 B	0.0510 B [0.130]	NA	ND(0.140)
Lead		68.0	6.00 [5.50]	NA	240
Mercury		4.00	0.0140 B [0.0230 B]	NA	0.310
Nickel		15.0	14.0 [13.0]	NA	19.0
Selenium		ND(1.00)	ND(1.00) [ND(1.00)]	NA	ND(1.00)
Silver		ND(1.00)	ND(1.00) [ND(1.00)]	NA	0.190 B
Sulfide		1400	5.70 B [7.60]	NA	6.80 B
Thallium		4.00	3.20 [3.30]	NA	5.30
Tin		3.30 B	2.20 B [40.0]	NA	5.60 B
Vanadium		8.70	10.0 [8.80]	NA	13.0
Zinc		72.0	50.0 [46.0]	NA	100

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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: / Sample Depth (Feet): / Parameter / Date Collected:	4A-SB-6 3-5 01/31/05	4A-SB-6 3-6 01/31/05	4A-SB-12 0-1 01/28/05	4A-SB-12 1-3 01/28/05	4A-SB-14 0-1 01/25/05	4A-SB-14 3-6 01/25/05
Volatile Organics						
None Detected	--	NA	NA	--	NA	NA
Semivolatile Organics						
1,2,4-Trichlorobenzene	NA	ND(5.8)	ND(0.40)	ND(0.38)	ND(4.0)	ND(0.36)
1,4-Dichlorobenzene	NA	ND(5.8)	ND(0.40)	ND(0.38)	ND(4.0)	ND(0.36)
2-Methylnaphthalene	NA	0.68 J	0.061 J	ND(0.38)	ND(4.0)	ND(0.36)
Acenaphthene	NA	0.79 J	ND(0.40)	ND(0.38)	ND(4.0)	ND(0.36)
Acenaphthylene	NA	0.57 J	0.66	0.24 J	2.1 J	ND(0.36)
Anthracene	NA	1.7 J	0.39 J	0.15 J	2.6 J	ND(0.36)
Benzo(a)anthracene	NA	3.5 J	1.5	0.57	6.5	ND(0.36)
Benzo(a)pyrene	NA	2.7 J	1.5	0.58	5.5	ND(0.36)
Benzo(b)fluoranthene	NA	2.3 J	1.0	0.37 J	3.7 J	ND(0.36)
Benzo(g,h,i)perylene	NA	1.4 J	0.81	0.30 J	2.9 J	ND(0.36)
Benzo(k)fluoranthene	NA	2.6 J	1.2	0.51	5.2	ND(0.36)
bis(2-Ethylhexyl)phthalate	NA	ND(2.9)	ND(0.40)	ND(0.38)	ND(2.0)	ND(0.36)
Chrysene	NA	3.5 J	1.4	0.57	6.0	ND(0.36)
Dibenzo(a,h)anthracene	NA	ND(5.8)	0.28 J	0.067 J	1.0 J	ND(0.36)
Dibenzofuran	NA	0.72 J	0.051 J	ND(0.38)	0.83 J	ND(0.36)
Fluoranthene	NA	8.1	2.3	0.92	13	ND(0.36)
Fluorene	NA	1.0 J	0.14 J	0.040 J	0.47 J	ND(0.36)
Indeno(1,2,3-cd)pyrene	NA	1.3 J	0.69	0.25 J	2.5 J	ND(0.36)
Naphthalene	NA	2.0 J	0.13 J	0.063 J	0.63 J	ND(0.36)
Pentachlorobenzene	NA	ND(5.8)	ND(0.40)	ND(0.38)	ND(4.0)	ND(0.36)
Phenanthrene	NA	8.0	0.95	0.36 J	10	ND(0.36)
Phenol	NA	ND(5.8)	ND(0.40)	ND(0.38)	ND(4.0)	ND(0.36)
Pyrene	NA	6.7	2.2	0.90	12	ND(0.36)
Furans						
2,3,7,8-TCDF	NA	0.0000030 Y	0.000023 Y	0.000025 Y	0.0000022 J	ND(0.00000022)
TCDFs (total)	NA	0.000018	0.00024 QI	0.00020 I	0.000013 Q	ND(0.00000022)
1,2,3,7,8-PeCDF	NA	0.0000015 J	0.000018	0.000010	0.0000012 J	ND(0.00000054)
2,3,4,7,8-PeCDF	NA	0.0000025 J	0.000038	0.000030	0.0000022 J	ND(0.00000054)
PeCDFs (total)	NA	0.000020	0.00042 Q	0.00025 I	0.000018 Q	ND(0.00000054)
1,2,3,4,7,8-HxCDF	NA	0.0000030 J	0.000092	0.000051	0.0000021 J	ND(0.00000054)
1,2,3,6,7,8-HxCDF	NA	0.0000016 J	0.000030	0.000016	0.0000010 J	ND(0.00000054)
1,2,3,7,8,9-HxCDF	NA	ND(0.0000012)	0.000017	0.0000080	ND(0.00000059)	ND(0.00000054)
2,3,4,6,7,8-HxCDF	NA	ND(0.0000014) X	0.000040	0.000019	ND(0.0000015) X	ND(0.00000054)
HxCDFs (total)	NA	0.000015	0.00074	0.00036	0.000021	ND(0.00000054)
1,2,3,4,6,7,8-HpCDF	NA	0.0000079	0.00042	0.00020	0.0000086	ND(0.00000054)
1,2,3,4,7,8,9-HpCDF	NA	ND(0.0000018)	0.000040	0.000022	ND(0.00000062)	ND(0.00000054)
HpCDFs (total)	NA	0.000013	0.00085	0.00039	0.000017	ND(0.00000054)
OCDF	NA	0.0000044 J	0.00038	0.00014	0.0000083 J	ND(0.0000011)
Dioxins						
2,3,7,8-TCDD	NA	ND(0.00000075)	0.000066	0.0000017 J	ND(0.00000052) X	ND(0.00000029)
TCDDs (total)	NA	ND(0.00000075)	0.000093	0.000018	ND(0.00000075)	ND(0.00000048)
1,2,3,7,8-PeCDD	NA	ND(0.00000084)	0.000011	0.0000062	ND(0.00000057)	ND(0.00000054)
PeCDDs (total)	NA	ND(0.00000084)	0.00011 Q	0.000067	0.00000089 J	ND(0.00000062)
1,2,3,4,7,8-HxCDD	NA	ND(0.0000013)	0.000013	0.0000066	ND(0.00000071)	ND(0.00000054)
1,2,3,6,7,8-HxCDD	NA	ND(0.0000013)	0.000019	0.0000090	ND(0.00000064)	ND(0.00000054)
1,2,3,7,8,9-HxCDD	NA	ND(0.0000014)	0.000015	0.0000080	ND(0.00000068)	ND(0.00000054)
HxCDDs (total)	NA	0.0000014 J	0.00027	0.00014	0.0000053 J	ND(0.00000065)
1,2,3,4,6,7,8-HpCDD	NA	0.0000030 J	0.00019	0.000064	0.0000090	ND(0.00000054)
HpCDDs (total)	NA	0.0000065 J	0.00036	0.00014	0.000017	ND(0.00000054)
OCDD	NA	0.000019	0.0013	0.00035	0.000079	0.0000021 J
Total TEQs (WHO TEFs)	NA	0.0000033	0.00013	0.000041	0.0000026	0.00000077

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	4A-SB-6 3-5 01/31/05	4A-SB-6 3-6 01/31/05	4A-SB-12 0-1 01/28/05	4A-SB-12 1-3 01/28/05	4A-SB-14 0-1 01/25/05	4A-SB-14 3-6 01/25/05
Inorganics							
Antimony		NA	6.70	ND(6.00)	ND(6.00)	0.860 B	1.00 B
Arsenic		NA	4.90	3.90	2.40	8.90	11.0
Barium		NA	61.0	39.0	26.0	28.0	14.0 B
Beryllium		NA	0.140 B	0.300 B	0.220 B	0.300 B	0.200 B
Cadmium		NA	0.660	1.20	0.860	1.10	1.20
Chromium		NA	7.10	14.0	11.0	13.0	18.0
Cobalt		NA	2.60 B	7.10	5.80	14.0	18.0
Copper		NA	390	28.0	17.0	29.0	33.0
Cyanide		NA	0.200	0.200	0.120	0.0900 B	ND(0.110)
Lead		NA	710	47.0	30.0	30.0	9.80
Mercury		NA	22.0	0.0830 B	0.0160 B	0.0490 B	ND(0.110)
Nickel		NA	5.20	12.0	9.70	24.0	30.0
Selenium		NA	0.710 B	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Silver		NA	2.30	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		NA	16.0	7.70	9.10	ND(6.00)	ND(5.50)
Thallium		NA	2.00	2.60	2.20	7.70	9.80
Tin		NA	250	7.80 B	5.00 B	2.20 B	1.80 B
Vanadium		NA	7.90	11.0	7.20	13.0	12.0
Zinc		NA	130	90.0	58.0	87.0	93.0

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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: / Sample Depth (Feet): / Parameter / Date Collected:	4A-SB-15 0-1 01/25/05	4A-SB-15 3-5 01/25/05	4A-SB-15 3-6 01/25/05	4A-SB-16 0-1 02/02/05	4A-SB-16 3-6 02/02/05
Volatile Organics					
None Detected	NA	--	NA	NA	NA
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.42)	NA	ND(0.42)	ND(3.9)	ND(0.41)
1,4-Dichlorobenzene	ND(0.42)	NA	ND(0.42)	ND(3.9)	ND(0.41)
2-Methylnaphthalene	0.049 J	NA	ND(0.42)	0.49 J	ND(0.41)
Acenaphthene	ND(0.42)	NA	ND(0.42)	ND(3.9)	ND(0.41)
Acenaphthylene	0.28 J	NA	ND(0.42)	4.0	ND(0.41)
Anthracene	0.087 J	NA	ND(0.42)	6.2	ND(0.41)
Benzo(a)anthracene	0.30 J	NA	ND(0.42)	12	0.058 J
Benzo(a)pyrene	0.45	NA	ND(0.42)	9.7	ND(0.41)
Benzo(b)fluoranthene	0.29 J	NA	ND(0.42)	7.3	ND(0.41)
Benzo(g,h,i)perylene	0.40 J	NA	ND(0.42)	4.5	ND(0.41)
Benzo(k)fluoranthene	0.39 J	NA	ND(0.42)	9.9	ND(0.41)
bis(2-Ethylhexyl)phthalate	ND(0.41)	NA	ND(0.42)	ND(1.9)	ND(0.40)
Chrysene	0.36 J	NA	ND(0.42)	11	0.056 J
Dibenzo(a,h)anthracene	ND(0.42)	NA	ND(0.42)	1.1 J	ND(0.41)
Dibenzofuran	ND(0.42)	NA	ND(0.42)	2.0 J	ND(0.41)
Fluoranthene	0.39 J	NA	ND(0.42)	28	0.20 J
Fluorene	ND(0.42)	NA	ND(0.42)	1.9 J	ND(0.41)
Indeno(1,2,3-cd)pyrene	0.27 J	NA	ND(0.42)	4.2	ND(0.41)
Naphthalene	0.068 J	NA	ND(0.42)	0.75 J	ND(0.41)
Pentachlorobenzene	ND(0.42)	NA	ND(0.42)	ND(3.9)	ND(0.41)
Phenanthrene	0.18 J	NA	ND(0.42)	24	0.11 J
Phenol	ND(0.42)	NA	ND(0.42)	ND(3.9)	ND(0.41)
Pyrene	0.56	NA	ND(0.42)	22	0.18 J
Furans					
2,3,7,8-TCDF	0.000012 Y	NA	ND(0.00000033)	ND(0.0000016) X	ND(0.00000063)
TCDFs (total)	0.000095	NA	0.00000058 J	0.0000030	ND(0.00000063)
1,2,3,7,8-PeCDF	0.000010	NA	ND(0.00000069)	0.00000072 JQ	ND(0.00000059)
2,3,4,7,8-PeCDF	0.000013	NA	ND(0.00000069)	0.0000011 J	ND(0.00000059)
PeCDFs (total)	0.00014	NA	ND(0.00000069)	0.0000069 Q	ND(0.00000059)
1,2,3,4,7,8-HxCDF	0.000027	NA	ND(0.00000069)	ND(0.00000071)	ND(0.00000059)
1,2,3,6,7,8-HxCDF	0.000011	NA	ND(0.00000069)	ND(0.00000067)	ND(0.00000059)
1,2,3,7,8,9-HxCDF	0.0000043 J	NA	ND(0.00000069)	ND(0.00000082)	ND(0.00000068)
2,3,4,6,7,8-HxCDF	0.000011	NA	ND(0.00000069)	ND(0.00000083) X	ND(0.00000060)
HxCDFs (total)	0.00020	NA	ND(0.00000069)	0.0000057 J	ND(0.00000060)
1,2,3,4,6,7,8-HpCDF	0.00011	NA	ND(0.00000069)	ND(0.0000022) X	ND(0.00000062)
1,2,3,4,7,8,9-HpCDF	0.0000080	NA	ND(0.00000069)	ND(0.00000080)	ND(0.00000077)
HpCDFs (total)	0.00020	NA	ND(0.00000069)	0.0000021 J	ND(0.00000069)
OCDF	0.000080	NA	ND(0.0000014)	ND(0.0000031) X	ND(0.0000021)
Dioxins					
2,3,7,8-TCDD	0.00000075 J	NA	ND(0.00000041)	ND(0.00000051)	ND(0.00000048)
TCDDs (total)	0.0000037	NA	ND(0.00000087)	ND(0.00000051)	ND(0.00000048)
1,2,3,7,8-PeCDD	0.0000023 J	NA	ND(0.00000069)	ND(0.00000063)	ND(0.00000059)
PeCDDs (total)	0.000018	NA	ND(0.0000012)	ND(0.0000012) Q	ND(0.00000071)
1,2,3,4,7,8-HxCDD	0.0000029 J	NA	ND(0.00000075)	ND(0.00000078)	ND(0.00000080)
1,2,3,6,7,8-HxCDD	0.0000042 J	NA	ND(0.00000069)	ND(0.00000074)	ND(0.00000076)
1,2,3,7,8,9-HxCDD	0.0000035 J	NA	ND(0.00000072)	ND(0.00000079)	ND(0.00000080)
HxCDDs (total)	0.000056	NA	ND(0.0000012)	ND(0.0000011)	ND(0.00000079)
1,2,3,4,6,7,8-HpCDD	0.000042	NA	ND(0.00000086) X	0.0000042 J	ND(0.0000010)
HpCDDs (total)	0.000080	NA	0.00000076 J	0.0000078	ND(0.0000010)
OCDD	0.00035	NA	0.0000072 J	0.000025	0.0000030 J
Total TEQs (WHO TEFs)	0.000019	NA	0.0000010	0.0000016	0.00000098

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	4A-SB-15 0-1 01/25/05	4A-SB-15 3-5 01/25/05	4A-SB-15 3-6 01/25/05	4A-SB-16 0-1 02/02/05	4A-SB-16 3-6 02/02/05
Inorganics						
Antimony		ND(6.00)	NA	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		7.40	NA	3.30	7.80	8.00
Barium		17.0 B	NA	47.0	44.0	37.0
Beryllium		0.160 B	NA	0.450 B	0.230 B	0.300 B
Cadmium		0.490 B	NA	0.850	ND(0.500)	ND(0.500)
Chromium		4.20	NA	14.0	13.0	16.0
Cobalt		4.80 B	NA	6.50	12.0	15.0
Copper		9.40	NA	7.30	22.0	31.0
Cyanide		0.210 B	NA	ND(0.130)	0.170 B	0.0500 B
Lead		43.0	NA	7.90	20.0	9.40
Mercury		0.110 B	NA	ND(0.130)	0.0500 B	0.0180 B
Nickel		8.00	NA	11.0	18.0	27.0
Selenium		ND(1.00)	NA	ND(1.00)	1.60	2.00
Silver		ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		640	NA	ND(6.40)	7.50	ND(6.10)
Thallium		2.20	NA	4.60	ND(1.20)	ND(1.20)
Tin		1.10 B	NA	2.60 B	3.80 B	3.20 B
Vanadium		2.50 B	NA	16.0	16.0	16.0
Zinc		38.0	NA	56.0	62.0	76.0

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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: / Sample Depth (Feet): / Parameter / Date Collected:	4A-SB-17 0-1 01/25/05	4A-SB-17 1-3 01/25/05	4A-SB-20 0-1 01/27/05	4A-SB-20 1-3 01/27/05	4A-SB-21 0-1 02/02/05
Volatile Organics					
None Detected	NA	--	NA	NA	NA
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(4.1)
1,4-Dichlorobenzene	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(4.1)
2-Methylnaphthalene	ND(3.8)	ND(3.8)	0.52 J	ND(3.8)	ND(4.1)
Acenaphthene	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(4.1)
Acenaphthylene	0.59 J	0.66 J	1.3 J	ND(3.8)	ND(4.1)
Anthracene	0.55 J	0.45 J	1.0 J	ND(3.8)	ND(4.1)
Benzo(a)anthracene	1.4 J	1.6 J	2.5 J	1.0 J	ND(4.1)
Benzo(a)pyrene	1.6 J	1.9 J	2.5 J	1.1 J	ND(4.1)
Benzo(b)fluoranthene	1.4 J	1.8 J	1.8 J	0.72 J	ND(4.1)
Benzo(g,h,i)perylene	1.2 J	1.6 J	2.8 J	0.68 J	ND(4.1)
Benzo(k)fluoranthene	1.6 J	1.9 J	2.1 J	0.95 J	ND(4.1)
bis(2-Ethylhexyl)phthalate	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(2.0)
Chrysene	1.8 J	1.7 J	2.6 J	0.93 J	ND(4.1)
Dibenzo(a,h)anthracene	ND(3.8)	ND(3.8)	0.44 J	ND(3.8)	ND(4.1)
Dibenzofuran	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(4.1)
Fluoranthene	2.8 J	2.8 J	4.0	1.3 J	0.28 J
Fluorene	ND(3.8)	ND(3.8)	0.62 J	ND(3.8)	ND(4.1)
Indeno(1,2,3-cd)pyrene	1.1 J	1.2 J	1.5 J	0.58 J	ND(4.1)
Naphthalene	ND(3.8)	ND(3.8)	0.48 J	ND(3.8)	ND(4.1)
Pentachlorobenzene	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(4.1)
Phenanthrene	1.4 J	1.1 J	2.0 J	ND(3.8)	ND(4.1)
Phenol	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(4.1)
Pyrene	3.1 J	3.3 J	5.1	1.5 J	0.40 J
Furans					
2,3,7,8-TCDF	0.0000037 Y	0.0000028 Y	0.0000022 Y	ND(0.00000080)	0.0000042 Y
TCDFs (total)	0.000042	0.000029	0.000025	0.00000097 J	0.000035
1,2,3,7,8-PeCDF	0.0000016 J	0.0000010 J	0.0000012 J	ND(0.00000054)	ND(0.0000018) X
2,3,4,7,8-PeCDF	0.0000027 J	0.0000017 J	0.0000030 J	0.00000061 J	0.0000028 J
PeCDFs (total)	0.000026	0.000016	0.000027	0.0000026 J	0.000044
1,2,3,4,7,8-HxCDF	0.0000021 J	0.0000014 J	0.0000015 J	ND(0.00000054)	0.0000049 J
1,2,3,6,7,8-HxCDF	0.0000014 J	0.00000093 J	0.00000094 J	ND(0.00000054)	0.0000020 J
1,2,3,7,8,9-HxCDF	ND(0.00000075)	ND(0.00000056)	ND(0.00000070)	ND(0.00000061)	0.00000096 J
2,3,4,6,7,8-HxCDF	0.0000017 J	0.0000011 J	0.0000016 J	ND(0.00000054)	0.0000030 J
HxCDFs (total)	0.000028	0.000017	0.000022	0.0000013 J	0.000049
1,2,3,4,6,7,8-HpCDF	0.0000079	0.0000035 J	0.000011	ND(0.0000010)	0.000034
1,2,3,4,7,8,9-HpCDF	ND(0.00000085) X	ND(0.00000058)	ND(0.00000089) X	ND(0.0000012)	0.0000018 J
HpCDFs (total)	0.000016	0.0000076	0.000032	ND(0.0000011)	0.000065
OCDF	0.000012	0.0000049 J	0.000034	ND(0.0000020)	0.000026
Dioxins					
2,3,7,8-TCDD	0.00000058 J	ND(0.00000036)	0.00000073 J	ND(0.00000072)	0.0000070
TCDDs (total)	0.00000096 J	ND(0.00000076)	0.00000073 J	ND(0.00000072)	0.0000079
1,2,3,7,8-PeCDD	ND(0.00000057)	ND(0.00000056)	ND(0.00000054)	ND(0.00000054)	ND(0.00000073) X
PeCDDs (total)	ND(0.00000057)	ND(0.00000056)	0.0000013 JQ	ND(0.00000082)	0.0000054 J
1,2,3,4,7,8-HxCDD	ND(0.00000084)	ND(0.00000057)	0.00000083 J	ND(0.0000010)	ND(0.00000071)
1,2,3,6,7,8-HxCDD	ND(0.0000012) X	0.00000067 J	0.0000020 J	ND(0.00000098)	0.0000013 J
1,2,3,7,8,9-HxCDD	ND(0.0000014) X	ND(0.00000056)	0.0000013 J	ND(0.0000010)	0.00000086 J
HxCDDs (total)	0.0000087	0.0000014 J	0.0000077	ND(0.0000010)	0.000011
1,2,3,4,6,7,8-HpCDD	0.000018	0.0000082	0.000034	0.0000019 J	0.000013
HpCDDs (total)	0.000037	0.000016	0.000067	0.0000035 J	0.000025
OCDD	0.00016	0.000070	0.00025	0.000014	0.000090
Total TEQs (WHO TEFs)	0.0000037	0.0000023	0.0000041	0.0000013	0.000011

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	4A-SB-17 0-1 01/25/05	4A-SB-17 1-3 01/25/05	4A-SB-20 0-1 01/27/05	4A-SB-20 1-3 01/27/05	4A-SB-21 0-1 02/02/05
Inorganics						
Antimony		0.820 B	0.860 B	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		3.50	4.60	9.40	6.00	9.50
Barium		19.0 B	29.0	50.0	29.0	38.0
Beryllium		0.220 B	0.270 B	0.250 B	0.240 B	0.170 B
Cadmium		0.730	0.820	0.260 B	0.150 B	ND(0.500)
Chromium		9.50	11.0	8.50	9.10	16.0
Cobalt		5.60	8.00	12.0	8.50	13.0
Copper		16.0	27.0	22.0	15.0	33.0
Cyanide		0.110 B	0.0800 B	0.0930 B	0.520	0.100 B
Lead		47.0	40.0	37.0	18.0	21.0
Mercury		ND(0.110)	ND(0.120)	ND(0.110)	ND(0.120)	0.0410 B
Nickel		12.0	20.0	21.0	14.0	27.0
Selenium		ND(1.00)	ND(1.00)	2.20	2.10	2.30
Silver		ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		24.0	15.0	7.20	5.50 B	7.80
Thallium		4.30	5.20	ND(1.10)	ND(1.20)	ND(1.20)
Tin		6.70 B	5.20 B	2.10 B	2.50 B	3.60 B
Vanadium		9.60	11.0	14.0	10.0	15.0
Zinc		66.0	85.0	88.0	54.0	80.0

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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: / Sample Depth (Feet): / Parameter / Date Collected:	4A-SB-21 3-6 02/02/05	4A-SB-23 0-1 02/02/05	4A-SB-23 1-3 02/02/05	4A-SS-19 0-1 01/25/05	4C-SB-1 0-1 02/09/05
Volatile Organics					
None Detected	NA	NA	NA	NA	NA
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.40)	ND(4.6)	ND(4.1)	ND(4.1)	ND(4.1)
1,4-Dichlorobenzene	ND(0.40)	ND(4.6)	ND(4.1)	ND(4.1)	ND(4.1)
2-Methylnaphthalene	ND(0.40)	ND(4.6)	ND(4.1)	ND(4.1)	ND(4.1)
Acenaphthene	ND(0.40)	ND(4.6)	ND(4.1)	ND(4.1)	ND(4.1)
Acenaphthylene	ND(0.40)	ND(4.6)	1.7 J	1.2 J	0.59 J
Anthracene	ND(0.40)	ND(4.6)	0.69 J	0.90 J	ND(4.1)
Benzo(a)anthracene	ND(0.40)	0.59 J	3.2 J	3.2 J	1.1 J
Benzo(a)pyrene	ND(0.40)	ND(4.6)	5.1	3.3 J	1.2 J
Benzo(b)fluoranthene	ND(0.40)	ND(4.6)	3.0 J	2.4 J	0.90 J
Benzo(g,h,i)perylene	ND(0.40)	ND(4.6)	2.6 J	2.2 J	0.59 J
Benzo(k)fluoranthene	ND(0.40)	ND(4.6)	3.7 J	2.9 J	0.94 J
bis(2-Ethylhexyl)phthalate	0.32 J	ND(2.3)	ND(2.0)	ND(2.0)	ND(2.1)
Chrysene	ND(0.40)	0.63 J	3.5 J	3.4 J	1.2 J
Dibenzo(a,h)anthracene	ND(0.40)	ND(4.6)	0.54 J	ND(4.1)	ND(4.1)
Dibenzofuran	ND(0.40)	ND(4.6)	ND(4.1)	ND(4.1)	ND(4.1)
Fluoranthene	ND(0.40)	0.97 J	3.6 J	5.8	1.8 J
Fluorene	ND(0.40)	ND(4.6)	ND(4.1)	ND(4.1)	ND(4.1)
Indeno(1,2,3-cd)pyrene	ND(0.40)	ND(4.6)	2.0 J	2.1 J	ND(4.1)
Naphthalene	ND(0.40)	ND(4.6)	ND(4.1)	ND(4.1)	ND(4.1)
Pentachlorobenzene	ND(0.40)	ND(4.6)	ND(4.1)	ND(4.1)	ND(4.1)
Phenanthrene	ND(0.40)	0.58 J	1.3 J	2.8 J	0.85 J
Phenol	ND(0.40)	ND(4.6)	ND(4.1)	ND(4.1)	ND(4.1)
Pyrene	ND(0.40)	0.94 J	5.4	6.3	1.8 J
Furans					
2,3,7,8-TCDF	ND(0.00000060)	0.00012 Y	0.00011 Y	0.000043 Y	0.00011 Y
TCDFs (total)	ND(0.00000060)	0.00076 I	0.00095 I	0.00030	0.00079
1,2,3,7,8-PeCDF	ND(0.00000056)	0.000082	0.00010	0.000028	0.000073
2,3,4,7,8-PeCDF	ND(0.00000056)	0.00011	0.00016	0.000050	0.00012
PeCDFs (total)	ND(0.00000056)	0.00099 I	0.0015 QI	0.00039	0.00093 I
1,2,3,4,7,8-HxCDF	ND(0.00000064)	0.00015	0.00035	0.000070	0.00016
1,2,3,6,7,8-HxCDF	ND(0.00000060)	0.000055	0.00015	0.000027	0.000059
1,2,3,7,8,9-HxCDF	ND(0.00000073)	0.000023	0.000059	0.000011	0.000019
2,3,4,6,7,8-HxCDF	ND(0.00000065)	0.000060	0.00014	0.000032	0.000053
HxCDFs (total)	ND(0.00000065)	0.00090	0.0023	0.00055	0.00083
1,2,3,4,6,7,8-HpCDF	ND(0.00000062)	0.00039	0.00075	0.00029	0.00049
1,2,3,4,7,8,9-HpCDF	ND(0.00000076)	0.000049	0.00011	0.000024	0.000052
HpCDFs (total)	ND(0.00000068)	0.00085	0.0016	0.00067	0.00092
OCDF	ND(0.0000016)	0.00058	0.00080	0.00044	0.00058
Dioxins					
2,3,7,8-TCDD	ND(0.00000046)	0.0000024 J	0.0000029	0.000011	0.0000023 J
TCDDs (total)	ND(0.00000046)	0.000018	0.000044	0.000019	0.000025
1,2,3,7,8-PeCDD	ND(0.00000056)	ND(0.0000065) X	0.000033	0.0000064	ND(0.0000061) X
PeCDDs (total)	ND(0.00000074)	0.000041	0.00026 Q	0.000056	0.000037
1,2,3,4,7,8-HxCDD	ND(0.00000078)	0.0000066 J	0.000034	0.0000076	0.0000048 J
1,2,3,6,7,8-HxCDD	ND(0.00000074)	0.000017	0.000045	0.000018	0.000011
1,2,3,7,8,9-HxCDD	ND(0.00000078)	0.000010	0.000037	0.000013	0.0000068
HxCDDs (total)	ND(0.00000094)	0.00016	0.00064	0.00017	0.00012
1,2,3,4,6,7,8-HpCDD	ND(0.00000087)	0.00034	0.00040	0.00033	0.00017
HpCDDs (total)	ND(0.00000087)	0.00063	0.00078	0.00061	0.00032
OCDD	0.0000027 J	0.0032	0.0030	0.0033	0.0015
Total TEQs (WHO TEFs)	0.00000095	0.00012	0.00023	0.000073	0.00012

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:					
	Sample ID:	4A-SB-21	4A-SB-23	4A-SB-23	4A-SS-19	4C-SB-1
	Sample Depth (Feet):	3-6	0-1	1-3	0-1	0-1
	Date Collected:	02/02/05	02/02/05	02/02/05	01/25/05	02/09/05
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	1.20 B	9.30
Arsenic		6.80	2.90	ND(1.00)	5.80	5.30
Barium		13.0 B	42.0	41.0	33.0	31.0
Beryllium		0.0630 B	0.200 B	0.160 B	0.320 B	0.260 B
Cadmium		ND(0.500)	0.240 B	0.500 B	1.10	0.650
Chromium		14.0	17.0	3.40	16.0	13.0
Cobalt		14.0	7.10	6.10	7.70	5.90
Copper		27.0	31.0	62.0	30.0	29.0
Cyanide		0.0370 B	0.170 B	0.490	0.190	0.140 B
Lead		6.90	44.0	73.0	75.0	43.0
Mercury		ND(0.120)	0.210	0.580	0.130	0.140
Nickel		26.0	13.0	14.0	15.0	10.0
Selenium		1.80	0.890 B	ND(1.00)	ND(1.00)	0.750 B
Silver		ND(1.00)	0.510 B	ND(1.00)	ND(1.00)	0.140 B
Sulfide		7.70	84.0	20.0	410	ND(6.20)
Thallium		ND(1.20)	ND(1.40)	ND(1.20)	4.50	2.40
Tin		2.10 B	7.00 B	ND(10.0)	6.10 B	17.0
Vanadium		12.0	14.0	ND(5.00)	13.0	9.50
Zinc		73.0	83.0	130	97.0	78.0

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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: / Sample Depth (Feet): / Parameter / Date Collected:	4C-SB-1 6-10 02/09/05	4C-SB-2 0-1 02/09/05	4C-SB-2 3-6 02/09/05	4C-SB-2 6-10 02/09/05	4C-SB-3 0-1 02/14/05
Volatile Organics					
None Detected	NA	NA	NA	NA	NA
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.44)	ND(0.41)	ND(0.43)	ND(0.47)	ND(0.40)
1,4-Dichlorobenzene	ND(0.44)	0.066 J	ND(0.43)	ND(0.47)	ND(0.40)
2-Methylnaphthalene	ND(0.44)	0.052 J	ND(0.43)	ND(0.47)	ND(0.40)
Acenaphthene	ND(0.44)	0.077 J	ND(0.43)	ND(0.47)	ND(0.40)
Acenaphthylene	ND(0.44)	0.11 J	ND(0.43)	ND(0.47)	0.13 J
Anthracene	ND(0.44)	0.29 J	0.081 J	ND(0.47)	0.081 J
Benzo(a)anthracene	ND(0.44)	0.41 J	0.14 J	ND(0.47)	0.28 J
Benzo(a)pyrene	ND(0.44)	0.27 J	0.066 J	ND(0.47)	0.30 J
Benzo(b)fluoranthene	ND(0.44)	0.18 J	0.046 J	ND(0.47)	0.18 J
Benzo(g,h,i)perylene	ND(0.44)	0.080 J	ND(0.43)	ND(0.47)	0.15 J
Benzo(k)fluoranthene	ND(0.44)	0.30 J	0.064 J	ND(0.47)	0.27 J
bis(2-Ethylhexyl)phthalate	ND(0.43)	ND(0.41)	ND(0.42)	ND(0.46)	ND(0.39)
Chrysene	ND(0.44)	0.41	0.12 J	ND(0.47)	0.33 J
Dibenzo(a,h)anthracene	ND(0.44)	ND(0.41)	ND(0.43)	ND(0.47)	ND(0.40)
Dibenzofuran	ND(0.44)	0.089 J	ND(0.43)	ND(0.47)	ND(0.40)
Fluoranthene	ND(0.44)	1.2	0.32 J	ND(0.47)	0.46
Fluorene	ND(0.44)	0.13 J	ND(0.43)	ND(0.47)	ND(0.40)
Indeno(1,2,3-cd)pyrene	ND(0.44)	0.066 J	ND(0.43)	ND(0.47)	0.081 J
Naphthalene	ND(0.44)	0.13 J	ND(0.43)	ND(0.47)	0.070 J
Pentachlorobenzene	ND(0.44)	0.049 J	ND(0.43)	ND(0.47)	ND(0.40)
Phenanthrene	ND(0.44)	1.0	0.19 J	ND(0.47)	0.26 J
Phenol	ND(0.44)	ND(0.41)	ND(0.43)	ND(0.47)	0.066 J
Pyrene	ND(0.44)	1.0	0.28 J	ND(0.47)	0.60
Furans					
2,3,7,8-TCDF	ND(0.00000078)	0.000066 Y	0.0000065 Y	ND(0.00000080) X	0.000033 Y
TCDFs (total)	ND(0.00000078)	0.00046 QI	0.000044	ND(0.00000056)	0.00026 I
1,2,3,7,8-PeCDF	ND(0.00000059)	0.000050	0.0000037 J	ND(0.00000066)	0.000023
2,3,4,7,8-PeCDF	ND(0.00000059)	0.000082	0.0000077	ND(0.00000066)	0.000034
PeCDFs (total)	ND(0.00000059)	0.00060 QI	0.000067	ND(0.00000066)	0.00033 I
1,2,3,4,7,8-HxCDF	ND(0.00000074)	0.00013	0.000017	ND(0.00000086)	0.000077
1,2,3,6,7,8-HxCDF	ND(0.00000064)	0.000042	0.0000042 J	ND(0.00000075)	0.000024
1,2,3,7,8,9-HxCDF	ND(0.00000087)	0.000019	0.0000027 J	ND(0.0000010)	0.000015
2,3,4,6,7,8-HxCDF	ND(0.00000073)	0.000035	0.0000049 J	ND(0.00000086)	0.000026
HxCDFs (total)	ND(0.00000074)	0.00053	0.000083	ND(0.00000086)	0.00040
1,2,3,4,6,7,8-HpCDF	ND(0.00000090)	0.00018	0.000047	0.00000071 J	0.00018
1,2,3,4,7,8,9-HpCDF	ND(0.0000012)	0.000065	0.0000074	ND(0.00000080)	0.000036
HpCDFs (total)	ND(0.0000010)	0.00050	0.00010	0.00000071 J	0.00040
OCDF	ND(0.0000016)	0.00054	0.000072	ND(0.0000015)	0.00017
Dioxins					
2,3,7,8-TCDD	ND(0.00000060)	0.0000013 J	ND(0.00000052)	ND(0.00000040)	0.00000096 J
TCDDs (total)	ND(0.00000060)	0.0000091	ND(0.00000053)	ND(0.00000059)	0.0000082
1,2,3,7,8-PeCDD	ND(0.00000069)	ND(0.0000028) X	ND(0.00000084)	ND(0.00000066)	ND(0.0000084) X
PeCDDs (total)	ND(0.00000091)	0.000020	0.0000025 J	ND(0.00000094)	0.000052
1,2,3,4,7,8-HxCDD	ND(0.0000012)	ND(0.0000027) X	0.0000011 J	ND(0.0000011)	0.0000098
1,2,3,6,7,8-HxCDD	ND(0.0000010)	ND(0.0000061) X	0.0000023 J	ND(0.00000095)	0.000013
1,2,3,7,8,9-HxCDD	ND(0.0000012)	ND(0.0000046) X	0.0000014 J	ND(0.0000010)	0.000013
HxCDDs (total)	ND(0.0000011)	0.000051	0.000021	ND(0.0000010)	0.00020
1,2,3,4,6,7,8-HpCDD	ND(0.0000012)	0.00010	0.000041	ND(0.0000011) X	0.000098
HpCDDs (total)	ND(0.0000012)	0.00019	0.000076	ND(0.00000072)	0.00022
OCDD	ND(0.0000028)	0.0011	0.00036	0.0000067 J	0.00053
Total TEQs (WHO TEFs)	0.0000012	0.000080	0.0000097	0.0000011	0.000048

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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)

Parameter / Sample ID / Sample Depth (Feet) / Date Collected:	4C-SB-1 6-10 02/09/05	4C-SB-2 0-1 02/09/05	4C-SB-2 3-6 02/09/05	4C-SB-2 6-10 02/09/05	4C-SB-3 0-1 02/14/05
Inorganics					
Antimony	4.40 B	ND(6.00)	ND(6.00)	ND(6.00)	1.20 B
Arsenic	2.10	2.00	2.80	1.70	5.30
Barium	28.0	21.0	42.0	38.0	36.0
Beryllium	0.290 B	0.210 B	0.310 B	0.330 B	0.290 B
Cadmium	ND(0.500)	0.610	0.770	ND(0.500)	0.730
Chromium	9.20	11.0	12.0	10.0	14.0
Cobalt	7.20	5.60	7.80	8.30	7.30
Copper	8.40	22.0	16.0	10.0	33.0
Cyanide	ND(0.260)	ND(0.620)	ND(0.640)	ND(0.140)	0.170
Lead	4.60	38.0	16.0	5.40	52.0
Mercury	ND(0.130)	0.0690 B	0.0810 B	ND(0.140)	0.0910 B
Nickel	12.0	10.0	14.0	13.0	12.0
Selenium	1.10	ND(1.00)	ND(1.00)	1.10	ND(1.00)
Silver	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	0.240 B
Sulfide	ND(6.50)	9.90	8.20	ND(7.00)	13.0
Thallium	ND(1.30)	2.00	2.70	ND(1.40)	3.90
Tin	6.60 B	5.40 B	3.10 B	4.10 B	6.00 B
Vanadium	9.00	8.00	11.0	11.0	11.0
Zinc	46.0	71.0	53.0	52.0	87.0

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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: / Sample Depth (Feet): / Parameter / Date Collected:	4C-SB-3 1-3 02/14/05	4C-SB-3 10-15 02/14/05	4C-SB-5 0-1 02/09/05	4C-SB-5 1-3 02/09/05	4C-SB-5 3-6 02/09/05
Volatile Organics					
None Detected	NA	NA	NA	NA	NA
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.38)	ND(0.52)	0.058 J	ND(0.38)	ND(0.38)
1,4-Dichlorobenzene	ND(0.38)	ND(0.52)	ND(0.42)	ND(0.38)	ND(0.38)
2-Methylnaphthalene	ND(0.38)	ND(0.52)	0.060 J	ND(0.38)	ND(0.38)
Acenaphthene	ND(0.38)	ND(0.52)	0.057 J	ND(0.38)	ND(0.38)
Acenaphthylene	ND(0.38)	ND(0.52)	0.10 J	0.047 J	ND(0.38)
Anthracene	ND(0.38)	ND(0.52)	0.18 J	0.074 J	ND(0.38)
Benzo(a)anthracene	ND(0.38)	ND(0.52)	0.48	0.54	ND(0.38)
Benzo(a)pyrene	ND(0.38)	ND(0.52)	0.35 J	0.48	ND(0.38)
Benzo(b)fluoranthene	ND(0.38)	ND(0.52)	0.18 J	0.34 J	ND(0.38)
Benzo(g,h,i)perylene	ND(0.38)	ND(0.52)	0.11 J	0.18 J	ND(0.38)
Benzo(k)fluoranthene	ND(0.38)	ND(0.52)	0.41 J	0.40	ND(0.38)
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(0.51)	ND(0.41)	ND(0.38)	ND(0.38)
Chrysene	ND(0.38)	ND(0.52)	0.53	0.50	ND(0.38)
Dibenzo(a,h)anthracene	ND(0.38)	ND(0.52)	ND(0.42)	0.049 J	ND(0.38)
Dibenzofuran	ND(0.38)	ND(0.52)	ND(0.42)	ND(0.38)	ND(0.38)
Fluoranthene	ND(0.38)	ND(0.52)	1.0	0.62	ND(0.38)
Fluorene	ND(0.38)	ND(0.52)	0.064 J	ND(0.38)	ND(0.38)
Indeno(1,2,3-cd)pyrene	ND(0.38)	ND(0.52)	0.060 J	0.15 J	ND(0.38)
Naphthalene	ND(0.38)	ND(0.52)	0.14 J	ND(0.38)	ND(0.38)
Pentachlorobenzene	ND(0.38)	ND(0.52)	ND(0.42)	ND(0.38)	ND(0.38)
Phenanthrene	ND(0.38)	ND(0.52)	0.68	0.13 J	ND(0.38)
Phenol	ND(0.38)	ND(0.52)	ND(0.42)	ND(0.38)	ND(0.38)
Pyrene	ND(0.38)	ND(0.52)	1.1	0.63	ND(0.38)
Furans					
2,3,7,8-TCDF	ND(0.00000057)	ND(0.00000058)	0.000032 Y	0.0000064 Y	ND(0.00000064)
TCDFs (total)	ND(0.00000057)	ND(0.00000058)	0.00030 QI	0.000023	ND(0.00000064)
1,2,3,7,8-PeCDF	ND(0.00000053)	ND(0.00000066)	0.000018	0.0000020 J	ND(0.00000055)
2,3,4,7,8-PeCDF	ND(0.00000053)	ND(0.00000066)	0.000045	0.0000019 J	ND(0.00000055)
PeCDFs (total)	0.0000013 J	ND(0.00000066)	0.00048 QI	0.0000079	ND(0.00000055)
1,2,3,4,7,8-HxCDF	ND(0.00000069)	ND(0.00000083)	0.00022	0.00000088 J	ND(0.00000082)
1,2,3,6,7,8-HxCDF	ND(0.00000060)	ND(0.00000072)	0.000041	ND(0.00000054)	ND(0.00000072)
1,2,3,7,8,9-HxCDF	ND(0.00000082)	ND(0.00000098)	0.000041	ND(0.00000063)	ND(0.00000098)
2,3,4,6,7,8-HxCDF	ND(0.00000069)	ND(0.00000082)	0.000044	ND(0.00000054)	ND(0.00000082)
HxCDFs (total)	ND(0.00000069)	ND(0.00000083)	0.00086	0.0000028 J	ND(0.00000082)
1,2,3,4,6,7,8-HpCDF	0.0000012 J	ND(0.0000010)	0.00035	ND(0.0000024) X	ND(0.00000055)
1,2,3,4,7,8,9-HpCDF	ND(0.00000076)	ND(0.0000014)	0.000095	ND(0.00000054)	ND(0.00000058)
HpCDFs (total)	0.0000012 J	ND(0.0000012)	0.00077	0.0000018 J	ND(0.00000055)
OCDF	ND(0.0000019)	ND(0.0000026)	0.00029	0.0000021 J	ND(0.0000014)
Dioxins					
2,3,7,8-TCDD	ND(0.00000046)	ND(0.00000051)	0.0000035	ND(0.00000038)	ND(0.00000052)
TCDDs (total)	ND(0.00000074)	ND(0.0000011)	0.000062 Q	ND(0.00000042)	ND(0.00000052)
1,2,3,7,8-PeCDD	ND(0.00000058)	ND(0.00000069)	0.000052	ND(0.00000054)	ND(0.00000055)
PeCDDs (total)	ND(0.00000064)	ND(0.00000087)	0.00040	ND(0.00000095)	ND(0.00000055)
1,2,3,4,7,8-HxCDD	ND(0.00000073)	ND(0.0000012)	0.000047	ND(0.00000075)	ND(0.00000097)
1,2,3,6,7,8-HxCDD	ND(0.00000065)	ND(0.0000011)	0.000052	ND(0.00000067)	ND(0.00000087)
1,2,3,7,8,9-HxCDD	ND(0.00000072)	ND(0.0000012)	0.000054	ND(0.00000075)	ND(0.00000096)
HxCDDs (total)	ND(0.00000070)	ND(0.0000012)	0.00089	0.0000010 J	ND(0.00000094)
1,2,3,4,6,7,8-HpCDD	0.0000012 J	ND(0.0000017)	0.00020	0.0000013 J	ND(0.00000084)
HpCDDs (total)	0.0000021 J	ND(0.0000017)	0.00049	0.0000026 J	ND(0.00000084)
OCDD	0.0000067 J	ND(0.0000042)	0.00071	0.0000088 J	ND(0.0000015)
Total TEQs (WHO TEFs)	0.00000097	0.0000012	0.00014	0.0000025	0.0000010

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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)

Parameter / Sample ID / Sample Depth (Feet) / Date Collected:	4C-SB-3 1-3 02/14/05	4C-SB-3 10-15 02/14/05	4C-SB-5 0-1 02/09/05	4C-SB-5 1-3 02/09/05	4C-SB-5 3-6 02/09/05
Inorganics					
Antimony	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	2.30	5.30	3.90	2.40	1.90
Barium	25.0	60.0	41.0	28.0	19.0 B
Beryllium	0.270 B	0.350 B	0.280 B	0.300 B	0.220 B
Cadmium	0.460 B	0.830	0.910	0.530	0.520
Chromium	9.00	12.0	17.0	9.70	8.80
Cobalt	6.70	9.80	7.10	7.60	6.80
Copper	7.70	12.0	53.0	8.90	8.80
Cyanide	0.0330 B	0.0690 B	0.240 B	ND(0.110)	ND(0.110)
Lead	6.20	6.70	87.0	6.20	4.20
Mercury	ND(0.110)	ND(0.150)	0.150	0.0140 B	ND(0.110)
Nickel	9.90	16.0	13.0	12.0	13.0
Selenium	ND(1.00)	ND(1.20)	ND(1.00)	ND(1.00)	ND(1.00)
Silver	ND(1.00)	ND(1.20)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	11.0	12.0	14.0	13.0	ND(5.70)
Thallium	1.80	4.50	3.90	2.20	2.90
Tin	2.60 B	0.890 B	11.0	2.40 B	1.50 B
Vanadium	9.10	12.0	9.70	9.60	7.50
Zinc	45.0 B	57.0	110	43.0	39.0

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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: / Sample Depth (Feet): / Parameter / Date Collected:	4C-SB-6 0-1 02/09/05	4C-SB-6 10-15 02/09/05	4C-SB-7 1-3 02/14/05	4C-SB-7 6-10 02/14/05	4C-SB-9 0-1 02/10/05
Volatile Organics					
None Detected	NA	NA	NA	NA	NA
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(4.4)	ND(0.45)	ND(0.40)	ND(0.41)	ND(0.52)
1,4-Dichlorobenzene	ND(4.4)	ND(0.45)	ND(0.40)	ND(0.41)	ND(0.52)
2-Methylnaphthalene	ND(4.4)	ND(0.45)	ND(0.40)	ND(0.41)	ND(0.52)
Acenaphthene	ND(4.4)	ND(0.45)	ND(0.40)	ND(0.41)	0.071 J
Acenaphthylene	0.69 J	ND(0.45)	ND(0.40)	ND(0.41)	0.27 J
Anthracene	0.25 J	ND(0.45)	ND(0.40)	ND(0.41)	0.22 J
Benzo(a)anthracene	0.99 J	ND(0.45)	ND(0.40)	ND(0.41)	0.72
Benzo(a)pyrene	1.0 J	ND(0.45)	ND(0.40)	ND(0.41)	0.71
Benzo(b)fluoranthene	0.83 J	ND(0.45)	ND(0.40)	ND(0.41)	0.49 J
Benzo(g,h,i)perylene	0.51 J	ND(0.45)	ND(0.40)	ND(0.41)	0.32 J
Benzo(k)fluoranthene	0.94 J	ND(0.45)	ND(0.40)	ND(0.41)	0.63
bis(2-Ethylhexyl)phthalate	ND(2.2)	ND(0.44)	ND(0.40)	ND(0.41)	0.64
Chrysene	1.1 J	ND(0.45)	ND(0.40)	ND(0.41)	0.80
Dibenzo(a,h)anthracene	ND(4.4)	ND(0.45)	ND(0.40)	ND(0.41)	ND(0.52)
Dibenzofuran	ND(4.4)	ND(0.45)	ND(0.40)	ND(0.41)	ND(0.52)
Fluoranthene	1.2 J	0.062 J	ND(0.40)	ND(0.41)	1.2
Fluorene	ND(4.4)	ND(0.45)	ND(0.40)	ND(0.41)	0.081 J
Indeno(1,2,3-cd)pyrene	0.44 J	ND(0.45)	ND(0.40)	ND(0.41)	0.27 J
Naphthalene	ND(4.4)	ND(0.45)	ND(0.40)	ND(0.41)	0.11 J
Pentachlorobenzene	ND(4.4)	ND(0.45)	ND(0.40)	ND(0.41)	ND(0.52)
Phenanthrene	0.52 J	ND(0.45)	ND(0.40)	ND(0.41)	0.74
Phenol	ND(4.4)	ND(0.45)	ND(0.40)	ND(0.41)	ND(0.52)
Pyrene	1.5 J	0.053 J	ND(0.40)	ND(0.41)	1.3
Furans					
2,3,7,8-TCDF	0.000029 Y	ND(0.00000054)	ND(0.00000084) X	ND(0.00000042)	0.00020 Y
TCDFs (total)	0.00033 I	ND(0.00000054)	0.00000082 J	ND(0.00000042)	0.0017 I
1,2,3,7,8-PeCDF	0.000021	ND(0.00000062)	ND(0.00000058)	ND(0.00000055)	0.00015
2,3,4,7,8-PeCDF	0.000033	ND(0.00000062)	ND(0.00000058)	ND(0.00000055)	0.00027
PeCDFs (total)	0.00040 I	ND(0.00000062)	0.0000015 J	ND(0.00000055)	0.0029 I
1,2,3,4,7,8-HxCDF	0.000066	ND(0.0000010)	ND(0.00000099)	ND(0.00000055)	0.00040
1,2,3,6,7,8-HxCDF	0.000031	ND(0.00000087)	ND(0.00000086)	ND(0.00000055)	0.00016
1,2,3,7,8,9-HxCDF	0.000011	ND(0.0000012)	ND(0.0000012)	ND(0.00000060)	0.000064
2,3,4,6,7,8-HxCDF	0.000026	ND(0.00000099)	ND(0.00000098)	ND(0.00000055)	0.00021
HxCDFs (total)	0.00052 I	ND(0.0000010)	0.0000035 J	ND(0.00000055)	0.0036
1,2,3,4,6,7,8-HpCDF	0.00030	ND(0.00000072)	0.0000037 J	ND(0.00000061)	0.0021
1,2,3,4,7,8,9-HpCDF	0.000022	ND(0.00000095)	ND(0.00000089)	ND(0.00000081)	0.00015
HpCDFs (total)	0.00055	ND(0.00000082)	0.0000061	ND(0.00000070)	0.0040
OCDF	0.00019	ND(0.0000029)	0.0000021 J	ND(0.0000011)	0.0013
Dioxins					
2,3,7,8-TCDD	0.0000010 J	ND(0.00000055)	ND(0.00000054)	ND(0.00000036)	0.0000056
TCDDs (total)	0.000018	ND(0.00000068)	ND(0.00000054)	ND(0.00000041)	0.000089
1,2,3,7,8-PeCDD	0.0000060 J	ND(0.00000062)	ND(0.00000058)	ND(0.00000055)	0.000029
PeCDDs (total)	0.000049	ND(0.0000010)	ND(0.00000058)	ND(0.00000067)	0.00028
1,2,3,4,7,8-HxCDD	0.0000063 J	ND(0.0000014)	ND(0.00000095)	ND(0.00000068)	0.000032
1,2,3,6,7,8-HxCDD	0.000010	ND(0.0000012)	ND(0.00000085)	ND(0.00000061)	0.000064
1,2,3,7,8,9-HxCDD	0.0000076	ND(0.0000014)	ND(0.00000094)	ND(0.00000067)	0.000045
HxCDDs (total)	0.00013	ND(0.0000013)	ND(0.00000091)	ND(0.00000087)	0.00074
1,2,3,4,6,7,8-HpCDD	0.000087	ND(0.0000011)	ND(0.0000019) X	ND(0.00000081)	0.00079
HpCDDs (total)	0.00018	ND(0.0000011)	0.0000015 J	ND(0.00000081)	0.0015
OCDD	0.00059	ND(0.0000044)	0.000012	ND(0.0000026) X	0.0068 E
Total TEQs (WHO TEFs)	0.000047	0.0000012	0.0000012	0.00000085	0.00033

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	4C-SB-6 0-1 02/09/05	4C-SB-6 10-15 02/09/05	4C-SB-7 1-3 02/14/05	4C-SB-7 6-10 02/14/05	4C-SB-9 0-1 02/10/05
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		4.00	4.00	5.30	7.80	4.40
Barium		55.0	56.0	16.0 B	37.0	50.0
Beryllium		0.370 B	0.530	0.340 B	0.450 B	0.430 B
Cadmium		0.940	0.860	0.660	ND(0.500)	0.940
Chromium		16.0	14.0	10.0	11.0	27.0
Cobalt		8.20	10.0	7.60	11.0	8.60
Copper		36.0	14.0	10.0	18.0	62.0
Cyanide		0.260	ND(0.270)	0.0560 B	ND(0.620)	0.540
Lead		58.0	9.10	7.80	7.80	120
Mercury		0.160	ND(0.130)	0.0140 B	ND(0.120)	0.480
Nickel		14.0	15.0	12.0	20.0	16.0
Selenium		ND(1.00)	ND(1.00)	ND(1.00)	1.10	2.10
Silver		ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	0.540 B
Sulfide		15.0	24.0	ND(6.00)	14.0	15.0
Thallium		3.10	3.80	3.50	ND(1.20)	ND(1.50)
Tin		7.60 B	2.00 B	3.00 B	2.10 B	12.0 B
Vanadium		12.0	16.0	12.0	8.90	15.0
Zinc		92.0	62.0	47.0	63.0	160

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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: / Sample Depth (Feet): / Parameter / Date Collected:	4C-SB-9 3-6 02/10/05	4C-SB-9 6-10 02/10/05	4C-SB-10 0-1 02/10/05	4C-SB-11 1-3 02/10/05
Volatile Organics				
None Detected	NA	NA	NA	NA
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(0.82) [ND(0.47)]	ND(0.52)	ND(0.41)	ND(0.39)
1,4-Dichlorobenzene	ND(0.82) [ND(0.47)]	ND(0.52)	ND(0.41)	ND(0.39)
2-Methylnaphthalene	ND(0.82) [ND(0.47)]	ND(0.52)	ND(0.41)	ND(0.39)
Acenaphthene	ND(0.82) [ND(0.47)]	ND(0.52)	ND(0.41)	ND(0.39)
Acenaphthylene	ND(0.82) [ND(0.47)]	ND(0.52)	0.060 J	ND(0.39)
Anthracene	ND(0.82) [0.064 J]	ND(0.52)	0.041 J	ND(0.39)
Benzo(a)anthracene	0.19 J [0.32 J]	ND(0.52)	0.18 J	ND(0.39)
Benzo(a)pyrene	0.11 J [0.26 J]	ND(0.52)	0.16 J	ND(0.39)
Benzo(b)fluoranthene	0.090 J [0.15 J]	ND(0.52)	0.084 J	ND(0.39)
Benzo(g,h,i)perylene	ND(0.82) [0.092 J]	ND(0.52)	0.076 J	ND(0.39)
Benzo(k)fluoranthene	0.12 J [0.25 J]	ND(0.52)	0.14 J	ND(0.39)
bis(2-Ethylhexyl)phthalate	0.65 [ND(0.47)]	ND(0.52)	ND(0.41)	0.71
Chrysene	0.16 J [0.30 J]	ND(0.52)	0.17 J	ND(0.39)
Dibenzo(a,h)anthracene	ND(0.82) [ND(0.47)]	ND(0.52)	ND(0.41)	ND(0.39)
Dibenzofuran	ND(0.82) [ND(0.47)]	ND(0.52)	ND(0.41)	ND(0.39)
Fluoranthene	0.25 J [0.44 J]	ND(0.52)	0.26 J	ND(0.39)
Fluorene	ND(0.82) [ND(0.47)]	ND(0.52)	ND(0.41)	ND(0.39)
Indeno(1,2,3-cd)pyrene	ND(0.82) [0.075 J]	ND(0.52)	0.050 J	ND(0.39)
Naphthalene	ND(0.82) [ND(0.47)]	ND(0.52)	ND(0.41)	ND(0.39)
Pentachlorobenzene	ND(0.82) [ND(0.47)]	ND(0.52)	ND(0.41)	ND(0.39)
Phenanthrene	ND(0.82) [0.090 J]	ND(0.52)	0.10 J	ND(0.39)
Phenol	ND(0.82) [ND(0.47)]	ND(0.52)	ND(0.41)	ND(0.39)
Pyrene	0.24 J [0.47 J]	ND(0.52)	0.33 J	ND(0.39)
Furans				
2,3,7,8-TCDF	0.0000010 J [ND(0.0000012)]	ND(0.00000071)	0.0000087 Y	ND(0.00000064)
TCDFs (total)	0.0000010 J [ND(0.0000012)]	ND(0.00000071)	0.000079	ND(0.00000064)
1,2,3,7,8-PeCDF	ND(0.00000068) [ND(0.00000069)]	ND(0.00000071)	0.0000066	0.00000064 J
2,3,4,7,8-PeCDF	ND(0.00000068) [ND(0.00000067)]	ND(0.00000071)	0.000011	ND(0.00000055)
PeCDFs (total)	ND(0.00000068) [0.0000011 J]	ND(0.00000071)	0.00012 I	0.0000024 J
1,2,3,4,7,8-HxCDF	ND(0.00000082) [ND(0.00000088)]	ND(0.0000010)	0.000026	ND(0.00000078)
1,2,3,6,7,8-HxCDF	ND(0.00000071) [ND(0.00000077)]	ND(0.00000087)	0.0000077	ND(0.00000068)
1,2,3,7,8,9-HxCDF	ND(0.00000097) [ND(0.0000010)]	ND(0.0000012)	0.0000042 J	ND(0.00000092)
2,3,4,6,7,8-HxCDF	ND(0.00000081) [ND(0.00000088)]	ND(0.00000099)	0.0000091	ND(0.00000077)
HxCDFs (total)	0.0000028 J [ND(0.00000088)]	ND(0.0000010)	0.00016	0.0000011 J
1,2,3,4,6,7,8-HpCDF	0.0000022 J [0.0000024 J]	ND(0.00000090)	0.000073	0.0000020 J
1,2,3,4,7,8,9-HpCDF	ND(0.0000012) [ND(0.0000016)]	ND(0.0000012)	0.000011	ND(0.00000091)
HpCDFs (total)	0.0000022 J [0.0000042 J]	ND(0.0000010)	0.00015	0.0000020 J
OCDF	0.0000019 J [ND(0.0000032)]	ND(0.0000014)	0.000060	0.0000014 J
Dioxins				
2,3,7,8-TCDD	ND(0.00000062) [ND(0.00000075)]	ND(0.00000051)	ND(0.00000069)	ND(0.00000042)
TCDDs (total)	ND(0.00000062) [ND(0.00000075)]	ND(0.00000051)	0.0000051	ND(0.00000042)
1,2,3,7,8-PeCDD	ND(0.00000068) [ND(0.00000077)]	ND(0.00000071)	ND(0.0000026) X	ND(0.00000055)
PeCDDs (total)	ND(0.0000010) [ND(0.00000079)]	ND(0.00000071)	0.000026	ND(0.00000086)
1,2,3,4,7,8-HxCDD	ND(0.00000073) [ND(0.0000010)]	ND(0.0000015)	0.0000040 J	ND(0.0000011)
1,2,3,6,7,8-HxCDD	ND(0.00000068) [ND(0.00000093)]	ND(0.0000013)	ND(0.0000048) X	ND(0.00000099)
1,2,3,7,8,9-HxCDD	ND(0.00000072) [ND(0.0000010)]	ND(0.0000014)	0.0000039 J	ND(0.0000011)
HxCDDs (total)	ND(0.00000070) [ND(0.0000010)]	ND(0.0000014)	0.000067	ND(0.0000011)
1,2,3,4,6,7,8-HpCDD	0.0000015 J [0.0000018 J]	ND(0.0000012)	0.000030	0.0000012 J
HpCDDs (total)	0.0000026 J [0.0000018 J]	ND(0.0000012)	0.000062	0.0000020 J
OCDD	0.0000093 J [0.000012 J]	ND(0.0000025)	0.00016	0.0000062 J
Total TEQs (WHO TEFs)	0.0000013 [0.0000014]	0.0000013	0.000015	0.0000010

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	4C-SB-9 3-6 02/10/05	4C-SB-9 6-10 02/10/05	4C-SB-10 0-1 02/10/05	4C-SB-11 1-3 02/10/05
Inorganics					
Antimony		ND(6.00) [ND(6.00)]	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		2.90 [2.90]	1.40	3.00	2.20
Barium		39.0 [42.0]	33.0	37.0	28.0
Beryllium		0.360 B [0.380 B]	0.280 B	0.340 B	0.340 B
Cadmium		0.250 B [0.250 B]	ND(0.500)	0.240 B	0.140 B
Chromium		9.60 [10.0]	10.0	11.0	8.60
Cobalt		10.0 [8.50]	8.20	7.50	7.30
Copper		12.0 [12.0]	10.0	19.0	8.20
Cyanide		0.0950 B [0.0630 B]	0.0700 B	0.160	0.0540 B
Lead		9.10 [9.10]	5.80	26.0	5.80
Mercury		0.0350 B [0.0410 B]	ND(0.160)	0.0610 B	ND(0.120)
Nickel		14.0 [14.0]	15.0	12.0	10.0
Selenium		1.10 [1.20]	1.10 B	1.00	1.00
Silver		ND(1.00) [ND(1.10)]	ND(1.20)	ND(1.00)	ND(1.00)
Sulfide		26.0 [25.0]	25.0	9.90	ND(5.80)
Thallium		ND(1.40) [ND(1.40)]	ND(1.60)	ND(1.20)	ND(1.20)
Tin		4.00 B [2.70 B]	3.60 B	8.90 B	1.50 B
Vanadium		8.70 [9.60]	9.40	8.80	7.90
Zinc		54.0 [60.0]	59.0	64.0	41.0

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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: / Sample Depth (Feet): / Parameter / Date Collected:	4C-SB-13 0-1 02/10/05	4C-SB-13 1-3 02/10/05	4C-SB-13 6-10 02/10/05	4C-SB-15 3-6 02/14/05	4C-SB-17 0-1 02/11/05
Volatile Organics					
None Detected	NA	NA	NA	NA	NA
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(1.4)	ND(1.0)	ND(0.46)	ND(0.41)	ND(0.44)
1,4-Dichlorobenzene	ND(1.4)	ND(1.0)	ND(0.46)	ND(0.41)	ND(0.44)
2-Methylnaphthalene	ND(1.4)	ND(1.0)	ND(0.46)	ND(0.41)	ND(0.44)
Acenaphthene	ND(1.4)	ND(1.0)	ND(0.46)	ND(0.41)	ND(0.44)
Acenaphthylene	ND(1.4)	0.093 J	ND(0.46)	ND(0.41)	ND(0.44)
Anthracene	ND(1.4)	0.11 J	ND(0.46)	ND(0.41)	ND(0.44)
Benzo(a)anthracene	ND(1.4)	0.13 J	ND(0.46)	ND(0.41)	ND(0.44)
Benzo(a)pyrene	ND(1.4)	0.15 J	ND(0.46)	ND(0.41)	ND(0.44)
Benzo(b)fluoranthene	ND(1.4)	0.13 J	ND(0.46)	ND(0.41)	ND(0.44)
Benzo(g,h,i)perylene	ND(1.4)	ND(1.0)	ND(0.46)	ND(0.41)	ND(0.44)
Benzo(k)fluoranthene	ND(1.4)	0.16 J	ND(0.46)	ND(0.41)	ND(0.44)
bis(2-Ethylhexyl)phthalate	ND(0.72)	ND(0.53)	ND(0.45)	ND(0.41)	ND(0.44)
Chrysene	ND(1.4)	0.16 J	ND(0.46)	ND(0.41)	ND(0.44)
Dibenzo(a,h)anthracene	ND(1.4)	ND(1.0)	ND(0.46)	ND(0.41)	ND(0.44)
Dibenzofuran	ND(1.4)	ND(1.0)	ND(0.46)	ND(0.41)	ND(0.44)
Fluoranthene	ND(1.4)	0.18 J	ND(0.46)	ND(0.41)	0.073 J
Fluorene	ND(1.4)	ND(1.0)	ND(0.46)	ND(0.41)	ND(0.44)
Indeno(1,2,3-cd)pyrene	ND(1.4)	ND(1.0)	ND(0.46)	ND(0.41)	ND(0.44)
Naphthalene	ND(1.4)	ND(1.0)	ND(0.46)	ND(0.41)	ND(0.44)
Pentachlorobenzene	ND(1.4)	ND(1.0)	ND(0.46)	ND(0.41)	ND(0.44)
Phenanthrene	ND(1.4)	0.10 J	ND(0.46)	ND(0.41)	ND(0.44)
Phenol	ND(1.4)	ND(1.0)	ND(0.46)	ND(0.41)	ND(0.44)
Pyrene	ND(1.4)	0.25 J	ND(0.46)	ND(0.41)	0.095 J
Furans					
2,3,7,8-TCDF	0.00022 Y	0.000035 Y	0.00000074 J	ND(0.00000064)	0.000015 Y
TCDFs (total)	0.0016 I	0.00032 QI	0.00000074 J	ND(0.00000064)	0.00011
1,2,3,7,8-PeCDF	0.00017	0.000034	ND(0.00000066)	ND(0.00000058)	0.0000089
2,3,4,7,8-PeCDF	0.00024	0.000046	ND(0.00000066)	ND(0.00000058)	0.000014
PeCDFs (total)	0.0021 I	0.00044 I	ND(0.00000066)	ND(0.00000058)	0.00014 I
1,2,3,4,7,8-HxCDF	0.00034	0.000092	ND(0.00000066)	ND(0.00000063)	0.000022
1,2,3,6,7,8-HxCDF	0.00015	0.000053	ND(0.00000066)	ND(0.00000058)	0.0000093
1,2,3,7,8,9-HxCDF	0.000048	ND(0.000014)	ND(0.00000076)	ND(0.00000075)	0.0000039 J
2,3,4,6,7,8-HxCDF	0.00013	0.000036	ND(0.00000066)	ND(0.00000063)	0.0000095
HxCDFs (total)	0.0021	0.00039	ND(0.00000066)	ND(0.00000063)	0.00016
1,2,3,4,6,7,8-HpCDF	0.0014	0.00044	ND(0.00000066)	ND(0.00000076)	0.00011
1,2,3,4,7,8,9-HpCDF	0.00010	0.000025	ND(0.00000077)	ND(0.0000010)	0.0000084
HpCDFs (total)	0.0026	0.00078	ND(0.00000066)	ND(0.00000087)	0.00022
OCDF	0.0010	0.00028	ND(0.0000023)	ND(0.0000016)	0.000086
Dioxins					
2,3,7,8-TCDD	0.0000041	0.0000011 J	ND(0.00000042)	ND(0.00000049)	ND(0.00000082)
TCDDs (total)	0.000049	0.0000064	ND(0.00000061)	ND(0.00000049)	0.0000011 J
1,2,3,7,8-PeCDD	ND(0.000019) X	0.0000049 J	ND(0.00000066)	ND(0.00000060)	ND(0.0000021) X
PeCDDs (total)	0.00014	0.000043	ND(0.00000078)	ND(0.00000060)	0.000013
1,2,3,4,7,8-HxCDD	0.000015	0.0000042 J	ND(0.00000086)	ND(0.00000093)	0.0000023 J
1,2,3,6,7,8-HxCDD	0.000040	0.0000084	ND(0.00000077)	ND(0.00000083)	0.0000038 J
1,2,3,7,8,9-HxCDD	0.000025	0.0000056 J	ND(0.00000085)	ND(0.00000092)	ND(0.0000026) X
HxCDDs (total)	0.00040	0.000071	ND(0.00000082)	ND(0.00000089)	0.000042
1,2,3,4,6,7,8-HpCDD	0.00058	0.000091	ND(0.00000098)	ND(0.0000013)	0.000043
HpCDDs (total)	0.0011	0.00017	ND(0.00000098)	ND(0.0000013)	0.000078
OCDD	0.0054	0.00074	ND(0.0000031)	0.0000021 J	0.00031
Total TEQs (WHO TEFs)	0.00026	0.000060	0.0000011	0.0000010	0.000017

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	4C-SB-13 0-1 02/10/05	4C-SB-13 1-3 02/10/05	4C-SB-13 6-10 02/10/05	4C-SB-15 3-6 02/14/05	4C-SB-17 0-1 02/11/05
Inorganics						
Antimony		1.70 B	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		4.40	4.10	1.30	2.20	2.50
Barium		49.0	51.0	26.0	33.0	31.0
Beryllium		0.440 B	0.380 B	0.280 B	0.270 B	0.400 B
Cadmium		0.810	0.730	ND(0.500)	0.520	0.250 B
Chromium		23.0	25.0	9.20	9.90	11.0
Cobalt		8.80	8.80	6.80	7.00	9.70
Copper		45.0	49.0	8.90	17.0	11.0
Cyanide		0.480	0.390	0.0530 B	0.0350 B	0.0800 B
Lead		82.0	80.0	4.00	4.30	4.80
Mercury		0.330	0.440	ND(0.140)	ND(0.120)	0.0560 B
Nickel		17.0	15.0	12.0	11.0	14.0
Selenium		1.80	1.70	0.780 B	ND(1.00)	1.10
Silver		1.10 B	0.150 B	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		12.0	6.60 B	8.70	12.0	11.0
Thallium		ND(1.50)	ND(1.40)	ND(1.40)	2.30	ND(1.30)
Tin		8.70 B	9.00 B	3.80 B	3.20 B	3.60 B
Vanadium		15.0	10.0	8.60	9.70	11.0
Zinc		130	120	47.0	52.0	65.0

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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)

Parameter / Sample ID	4C-SB-17	4C-SB-19	4C-SB-19	4C-SB-20
Sample Depth (Feet):	1-3	0-1	3-6	3-6
Date Collected:	02/11/05	02/16/05	02/16/05	02/16/05
Volatile Organics				
None Detected	NA	NA	NA	NA
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(0.42)	ND(4.1)	ND(0.42) [ND(0.42)]	ND(0.46)
1,4-Dichlorobenzene	ND(0.42)	ND(4.1)	ND(0.42) [ND(0.42)]	ND(0.46)
2-Methylnaphthalene	ND(0.42)	ND(4.1)	ND(0.42) [ND(0.42)]	ND(0.46)
Acenaphthene	ND(0.42)	ND(4.1)	ND(0.42) [ND(0.42)]	ND(0.46)
Acenaphthylene	ND(0.42)	1.5 J	ND(0.42) [ND(0.42)]	ND(0.46)
Anthracene	ND(0.42)	0.90 J	ND(0.42) [ND(0.42)]	ND(0.46)
Benzo(a)anthracene	ND(0.42)	3.1 J	ND(0.42) [ND(0.42)]	ND(0.46)
Benzo(a)pyrene	ND(0.42)	3.2 J	ND(0.42) [ND(0.42)]	ND(0.46)
Benzo(b)fluoranthene	ND(0.42)	1.9 J	ND(0.42) [ND(0.42)]	ND(0.46)
Benzo(g,h,i)perylene	ND(0.42)	1.6 J	ND(0.42) [ND(0.42)]	ND(0.46)
Benzo(k)fluoranthene	ND(0.42)	2.8 J	ND(0.42) [ND(0.42)]	ND(0.46)
bis(2-Ethylhexyl)phthalate	ND(0.42)	ND(2.0)	0.36 J [ND(0.41)]	ND(0.45)
Chrysene	ND(0.42)	3.2 J	ND(0.42) [ND(0.42)]	ND(0.46)
Dibenzo(a,h)anthracene	ND(0.42)	ND(4.1)	ND(0.42) [ND(0.42)]	ND(0.46)
Dibenzofuran	ND(0.42)	ND(4.1)	ND(0.42) [ND(0.42)]	ND(0.46)
Fluoranthene	ND(0.42)	4.5	ND(0.42) [ND(0.42)]	ND(0.46)
Fluorene	ND(0.42)	ND(4.1)	ND(0.42) [ND(0.42)]	ND(0.46)
Indeno(1,2,3-cd)pyrene	ND(0.42)	0.72 J	ND(0.42) [ND(0.42)]	ND(0.46)
Naphthalene	ND(0.42)	ND(4.1)	ND(0.42) [ND(0.42)]	ND(0.46)
Pentachlorobenzene	ND(0.42)	ND(4.1)	ND(0.42) [ND(0.42)]	ND(0.46)
Phenanthrene	ND(0.42)	2.3 J	ND(0.42) [ND(0.42)]	ND(0.46)
Phenol	ND(0.42)	ND(4.1)	ND(0.42) [ND(0.42)]	ND(0.46)
Pyrene	ND(0.42)	5.4	ND(0.42) [ND(0.42)]	ND(0.46)
Furans				
2,3,7,8-TCDF	ND(0.00000074)	0.000030 Y	ND(0.00000084) [ND(0.00000072)]	ND(0.00000059)
TCDFs (total)	ND(0.00000074)	0.00026	ND(0.00000084) [ND(0.00000072)]	ND(0.00000059)
1,2,3,7,8-PeCDF	ND(0.00000060)	0.000019	ND(0.00000061) [ND(0.00000064)]	ND(0.00000064)
2,3,4,7,8-PeCDF	ND(0.00000060)	0.000036	ND(0.00000061) [ND(0.00000064)]	ND(0.00000064)
PeCDFs (total)	ND(0.00000060)	0.00034 I	ND(0.00000061) [ND(0.00000064)]	ND(0.00000064)
1,2,3,4,7,8-HxCDF	ND(0.00000097)	0.000083	ND(0.00000064) [ND(0.0000010)]	ND(0.0000010)
1,2,3,6,7,8-HxCDF	ND(0.00000084)	0.000026	ND(0.00000061) [ND(0.00000088)]	ND(0.00000088)
1,2,3,7,8,9-HxCDF	ND(0.0000012)	0.000016	ND(0.00000076) [ND(0.0000012)]	ND(0.0000012)
2,3,4,6,7,8-HxCDF	ND(0.00000096)	0.000027	ND(0.00000063) [ND(0.0000010)]	ND(0.0000010)
HxCDFs (total)	ND(0.00000097)	0.00051	ND(0.00000064) [ND(0.0000010)]	ND(0.0000010)
1,2,3,4,6,7,8-HpCDF	0.00000091 J	0.00022	ND(0.0000010) [ND(0.0000016) X]	0.0000027 J
1,2,3,4,7,8,9-HpCDF	ND(0.00000095)	0.000049	ND(0.0000014) [ND(0.0000018)]	ND(0.00000091)
HpCDFs (total)	0.00000091 J	0.00049	ND(0.0000012) [ND(0.0000016)]	0.0000049 J
OCDF	ND(0.0000015)	0.00025	ND(0.0000020) [ND(0.0000020)]	0.0000030 J
Dioxins				
2,3,7,8-TCDD	ND(0.00000056)	0.0000012 J	ND(0.00000073) [ND(0.00000057)]	ND(0.00000044)
TCDDs (total)	ND(0.00000066)	0.0000086	ND(0.00000073) [ND(0.00000057)]	ND(0.00000044)
1,2,3,7,8-PeCDD	ND(0.00000060)	ND(0.0000087) X	ND(0.00000076) [ND(0.00000074)]	ND(0.00000064)
PeCDDs (total)	ND(0.00000074)	0.000038	ND(0.00000076) [ND(0.00000088)]	ND(0.00000064)
1,2,3,4,7,8-HxCDD	ND(0.0000011)	0.000011	ND(0.00000090) [ND(0.0000012)]	ND(0.0000012)
1,2,3,6,7,8-HxCDD	ND(0.0000010)	0.000017	ND(0.00000080) [ND(0.0000011)]	ND(0.0000011)
1,2,3,7,8,9-HxCDD	ND(0.0000011)	0.000015	ND(0.00000089) [ND(0.0000012)]	ND(0.0000012)
HxCDDs (total)	ND(0.0000011)	0.00022	ND(0.00000092) [ND(0.0000012)]	ND(0.0000011)
1,2,3,4,6,7,8-HpCDD	ND(0.00000097) X	0.00012	ND(0.0000015) [ND(0.0000022)]	0.0000023 J
HpCDDs (total)	ND(0.00000094)	0.00026	ND(0.0000015) [ND(0.0000022)]	0.0000041 J
OCDD	0.0000030 J	0.00060	ND(0.0000026) [ND(0.0000026)]	0.000013
Total TEQs (WHO TEFs)	0.0000012	0.000051	0.0000012 [0.0000013]	0.0000012

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	4C-SB-17 1-3 02/11/05	4C-SB-19 0-1 02/16/05	4C-SB-19 3-6 02/16/05	4C-SB-20 3-6 02/16/05
Inorganics					
Antimony		ND(6.00)	ND(6.00)	ND(6.00) [ND(6.00)]	ND(6.00)
Arsenic		4.20	2.80	2.20 [2.20]	2.50
Barium		26.0	30.0	33.0 [33.0]	40.0
Beryllium		0.280 B	0.220 B	0.320 B [0.300 B]	0.330 B
Cadmium		0.280 B	0.980	0.800 [0.790]	0.940
Chromium		7.40	14.0	10.0 [9.70]	10.0
Cobalt		5.90	5.80	7.50 [7.20]	8.10
Copper		15.0	47.0	10.0 [10.0]	11.0
Cyanide		0.0420 B	0.230	0.0420 B [0.0580 B]	0.0530 B
Lead		29.0	82.0	5.10 [5.10]	5.90
Mercury		ND(0.130)	0.210	ND(0.120) [ND(0.120)]	ND(0.140)
Nickel		11.0	12.0	13.0 [12.0]	13.0
Selenium		0.930 B	ND(1.00)	ND(1.00) [ND(1.00)]	ND(1.00)
Silver		ND(1.00)	0.320 B	0.410 B [0.300 B]	ND(1.00)
Sulfide		8.20	5.90 B	ND(6.30) [ND(6.20)]	ND(6.90)
Thallium		ND(1.30)	2.60	2.30 [2.80]	2.60
Tin		3.40 B	17.0	2.80 B [2.50 B]	2.30 B
Vanadium		6.40	7.80	10.0 [9.90]	10.0
Zinc		76.0	100	66.0 [51.0]	70.0

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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: / Sample Depth (Feet): / Parameter / Date Collected:	4C-SB-21 0-1 02/16/05	4C-SB-21 6-10 02/16/05	4C-SB-22 0-1 02/17/05	4C-SB-22 1-2 02/17/05	4C-SB-22 4-6 02/17/05
Volatile Organics					
None Detected	NA	NA	NA	NA	NA
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.45)	ND(0.45)	ND(0.42)	ND(0.37)	ND(0.36)
1,4-Dichlorobenzene	ND(0.45)	ND(0.45)	ND(0.42)	ND(0.37)	ND(0.36)
2-Methylnaphthalene	ND(0.45)	ND(0.45)	ND(0.42)	ND(0.37)	ND(0.36)
Acenaphthene	ND(0.45)	ND(0.45)	ND(0.42)	ND(0.37)	ND(0.36)
Acenaphthylene	0.082 J	ND(0.45)	ND(0.42)	ND(0.37)	ND(0.36)
Anthracene	0.038 J	ND(0.45)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(a)anthracene	0.18 J	ND(0.45)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(a)pyrene	0.18 J	ND(0.45)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(b)fluoranthene	0.10 J	ND(0.45)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(g,h,i)perylene	0.070 J	ND(0.45)	ND(0.42)	ND(0.37)	ND(0.36)
Benzo(k)fluoranthene	0.16 J	ND(0.45)	ND(0.42)	ND(0.37)	ND(0.36)
bis(2-Ethylhexyl)phthalate	ND(0.45)	ND(0.44)	ND(0.41)	ND(0.37)	ND(0.35)
Chrysene	0.19 J	ND(0.45)	ND(0.42)	ND(0.37)	ND(0.36)
Dibenzo(a,h)anthracene	ND(0.45)	ND(0.45)	ND(0.42)	ND(0.37)	ND(0.36)
Dibenzofuran	ND(0.45)	ND(0.45)	ND(0.42)	ND(0.37)	ND(0.36)
Fluoranthene	0.23 J	ND(0.45)	ND(0.42)	ND(0.37)	ND(0.36)
Fluorene	ND(0.45)	ND(0.45)	ND(0.42)	ND(0.37)	ND(0.36)
Indeno(1,2,3-cd)pyrene	0.042 J	ND(0.45)	ND(0.42)	ND(0.37)	ND(0.36)
Naphthalene	ND(0.45)	ND(0.45)	ND(0.42)	ND(0.37)	ND(0.36)
Pentachlorobenzene	ND(0.45)	ND(0.45)	ND(0.42)	ND(0.37)	ND(0.36)
Phenanthrene	0.086 J	ND(0.45)	ND(0.42)	ND(0.37)	ND(0.36)
Phenol	ND(0.45)	ND(0.45)	ND(0.42)	ND(0.37)	ND(0.36)
Pyrene	0.26 J	ND(0.45)	ND(0.42)	ND(0.37)	ND(0.36)
Furans					
2,3,7,8-TCDF	0.000013 Y	ND(0.00000057)	0.0000029 Y	ND(0.00000084)	ND(0.00000061)
TCDFs (total)	0.00011	ND(0.00000057)	0.000011	ND(0.00000084)	ND(0.00000061)
1,2,3,7,8-PeCDF	0.0000092	ND(0.00000069)	0.00000096 J	ND(0.00000052)	ND(0.00000052)
2,3,4,7,8-PeCDF	0.000016	ND(0.00000069)	ND(0.0000013) X	ND(0.00000052)	ND(0.00000052)
PeCDFs (total)	0.00011 I	ND(0.00000069)	0.0000077	ND(0.00000052)	ND(0.00000052)
1,2,3,4,7,8-HxCDF	0.000023	ND(0.00000070)	ND(0.00000081)	ND(0.00000052)	ND(0.00000064)
1,2,3,6,7,8-HxCDF	0.000011	ND(0.00000069)	ND(0.00000070)	ND(0.00000052)	ND(0.00000056)
1,2,3,7,8,9-HxCDF	0.0000037 J	ND(0.00000083)	ND(0.00000096)	ND(0.00000061)	ND(0.00000076)
2,3,4,6,7,8-HxCDF	0.000012	ND(0.00000069)	ND(0.00000080)	ND(0.00000052)	ND(0.00000064)
HxCDFs (total)	0.000056	ND(0.00000070)	ND(0.00000081)	ND(0.00000052)	ND(0.00000064)
1,2,3,4,6,7,8-HpCDF	0.00012	ND(0.00000078)	0.0000020 J	ND(0.00000087)	ND(0.00000067)
1,2,3,4,7,8,9-HpCDF	0.0000076	ND(0.0000010)	ND(0.0000013)	ND(0.0000011)	ND(0.00000088)
HpCDFs (total)	0.00022	ND(0.00000089)	0.0000020 J	ND(0.00000099)	ND(0.00000076)
OCDF	0.000082	ND(0.0000014)	ND(0.0000031) X	ND(0.0000020)	ND(0.0000019)
Dioxins					
2,3,7,8-TCDD	0.0000019 J	ND(0.00000048)	ND(0.00000085)	ND(0.00000064)	ND(0.00000052)
TCDDs (total)	0.0000041	ND(0.00000048)	ND(0.00000085)	ND(0.00000064)	ND(0.00000052)
1,2,3,7,8-PeCDD	ND(0.0000063) X	ND(0.00000069)	ND(0.00000092)	ND(0.00000052)	ND(0.00000056)
PeCDDs (total)	0.000020	ND(0.0000012)	ND(0.00000092)	ND(0.00000074)	ND(0.00000056)
1,2,3,4,7,8-HxCDD	ND(0.0000031) X	ND(0.0000012)	ND(0.0000013)	ND(0.00000083)	ND(0.0000010)
1,2,3,6,7,8-HxCDD	0.0000054 J	ND(0.0000011)	ND(0.0000012)	ND(0.00000074)	ND(0.00000093)
1,2,3,7,8,9-HxCDD	0.0000045 J	ND(0.0000012)	ND(0.0000013)	ND(0.00000082)	ND(0.0000010)
HxCDDs (total)	0.000037	ND(0.0000011)	ND(0.0000013)	ND(0.00000080)	ND(0.00000099)
1,2,3,4,6,7,8-HpCDD	0.000044	ND(0.0000011)	0.0000023 J	ND(0.0000014)	ND(0.00000079)
HpCDDs (total)	0.000083	ND(0.0000011)	0.0000043 J	ND(0.0000014)	ND(0.00000079)
OCDD	0.00033	ND(0.0000026)	0.000013	ND(0.0000020) X	ND(0.0000018)
Total TEQs (WHO TEFs)	0.000023	0.0000011	0.0000020	0.0000010	0.0000010

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	4C-SB-21 0-1 02/16/05	4C-SB-21 6-10 02/16/05	4C-SB-22 0-1 02/17/05	4C-SB-22 1-2 02/17/05	4C-SB-22 4-6 02/17/05
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		3.10	2.40	5.00	5.60	23.0
Barium		45.0	24.0	24.0	29.0	30.0
Beryllium		0.330 B	0.280 B	0.300 B	0.270 B	0.530
Cadmium		0.930	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
Chromium		14.0	10.0	11.0	9.40	11.0
Cobalt		7.70	8.70	8.70	10.0	18.0
Copper		20.0	11.0	15.0	18.0	20.0
Cyanide		0.190	ND(0.130)	0.250	0.110 B	0.140
Lead		24.0	5.80	14.0	11.0	10.0
Mercury		0.0910 B	ND(0.130)	0.0720 B	0.0270 B	0.0140 B
Nickel		14.0	16.0	17.0	17.0	49.0
Selenium		ND(1.00)	ND(1.00)	1.60	1.60	3.30
Silver		0.200 B	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		8.70	ND(6.70)	6.00 B	ND(5.60)	5.10 B
Thallium		3.00	ND(1.30)	ND(1.20)	ND(1.10)	1.80
Tin		3.60 B	3.70 B	2.90 B	2.00 B	2.20 B
Vanadium		10.0	9.60	11.0	9.70	9.70
Zinc		76.0	65.0	47.0	44.0	59.0

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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: / Sample Depth (Feet): / Parameter / Date Collected:	4C-SB-23 1-3 02/17/05	4C-SB-23 6-10 02/17/05	4C-SB-27 3-6 02/09/05	4C-SB-29 0-1 02/17/05	4C-SB-29 2-4 02/17/05
Volatile Organics					
None Detected	NA	NA	NA	NA	NA
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(4.0)	ND(0.42)	ND(3.9)	ND(0.40)	ND(0.44)
1,4-Dichlorobenzene	ND(4.0)	ND(0.42)	ND(3.9)	ND(0.40)	ND(0.44)
2-Methylnaphthalene	ND(4.0)	ND(0.42)	ND(3.9)	ND(0.40)	ND(0.44)
Acenaphthene	ND(4.0)	ND(0.42)	ND(3.9)	ND(0.40)	ND(0.44)
Acenaphthylene	1.1 J	ND(0.42)	ND(3.9)	ND(0.40)	ND(0.44)
Anthracene	1.0 J	ND(0.42)	0.33 J	ND(0.40)	ND(0.44)
Benzo(a)anthracene	3.2 J	ND(0.42)	0.91 J	ND(0.40)	ND(0.44)
Benzo(a)pyrene	3.4 J	ND(0.42)	0.66 J	ND(0.40)	ND(0.44)
Benzo(b)fluoranthene	2.0 J	ND(0.42)	0.43 J	ND(0.40)	ND(0.44)
Benzo(g,h,i)perylene	1.3 J	ND(0.42)	0.27 J	ND(0.40)	ND(0.44)
Benzo(k)fluoranthene	3.1 J	ND(0.42)	0.60 J	ND(0.40)	ND(0.44)
bis(2-Ethylhexyl)phthalate	ND(2.0)	ND(0.42)	ND(2.0)	ND(0.39)	ND(0.43)
Chrysene	3.4 J	ND(0.42)	0.93 J	ND(0.40)	ND(0.44)
Dibenzo(a,h)anthracene	ND(4.0)	ND(0.42)	ND(3.9)	ND(0.40)	ND(0.44)
Dibenzofuran	ND(4.0)	ND(0.42)	ND(3.9)	ND(0.40)	ND(0.44)
Fluoranthene	5.2	ND(0.42)	1.5 J	ND(0.40)	ND(0.44)
Fluorene	ND(4.0)	ND(0.42)	ND(3.9)	ND(0.40)	ND(0.44)
Indeno(1,2,3-cd)pyrene	0.98 J	ND(0.42)	ND(3.9)	ND(0.40)	ND(0.44)
Naphthalene	ND(4.0)	ND(0.42)	ND(3.9)	ND(0.40)	ND(0.44)
Pentachlorobenzene	ND(4.0)	ND(0.42)	ND(3.9)	ND(0.40)	ND(0.44)
Phenanthrene	2.8 J	ND(0.42)	1.0 J	ND(0.40)	ND(0.44)
Phenol	ND(4.0)	ND(0.42)	ND(3.9)	ND(0.40)	ND(0.44)
Pyrene	5.6	ND(0.42)	1.6 J	ND(0.40)	ND(0.44)
Furans					
2,3,7,8-TCDF	0.000048 Y	ND(0.00000068)	0.00040 Y	0.0000036 Y	ND(0.00000026) X
TCDFs (total)	0.00033 Q	ND(0.00000068)	0.0025 QI	0.000028	ND(0.00000026)
1,2,3,7,8-PeCDF	0.000034	ND(0.00000060)	0.00025	0.0000012 J	ND(0.00000064)
2,3,4,7,8-PeCDF	0.000054	ND(0.00000060)	0.00032	0.0000017 J	ND(0.00000064)
PeCDFs (total)	0.00054 I	ND(0.00000060)	0.0023 QI	0.000013	ND(0.00000064)
1,2,3,4,7,8-HxCDF	0.000090	ND(0.00000069)	0.00029	ND(0.0000010)	ND(0.00000064)
1,2,3,6,7,8-HxCDF	0.000035	ND(0.00000060)	0.00011	ND(0.00000088)	ND(0.00000064)
1,2,3,7,8,9-HxCDF	0.000015	ND(0.00000082)	0.000046	ND(0.0000012)	ND(0.00000064)
2,3,4,6,7,8-HxCDF	0.000042	ND(0.00000069)	0.000099	ND(0.0000010)	ND(0.00000064)
HxCDFs (total)	0.00069	ND(0.00000069)	0.0013	ND(0.0000010)	ND(0.00000064)
1,2,3,4,6,7,8-HpCDF	0.00037	ND(0.00000069)	0.00037	0.0000037 J	ND(0.00000064)
1,2,3,4,7,8,9-HpCDF	0.000043	ND(0.00000091)	0.000089	ND(0.0000012)	ND(0.00000077)
HpCDFs (total)	0.00073	ND(0.00000078)	0.00091	0.0000059	ND(0.00000066)
OCDF	0.00026	ND(0.0000026)	0.00070	0.0000032 J	ND(0.0000013)
Dioxins					
2,3,7,8-TCDD	0.0000023	ND(0.00000048)	0.0000045	ND(0.00000059)	ND(0.00000026)
TCDDs (total)	0.000017	ND(0.00000048)	0.000032 Q	ND(0.00000059)	ND(0.00000071)
1,2,3,7,8-PeCDD	0.000010	ND(0.00000060)	0.0000068	ND(0.00000088)	ND(0.00000064)
PeCDDs (total)	0.000093	ND(0.00000060)	0.000016 Q	ND(0.00000098)	ND(0.00000064)
1,2,3,4,7,8-HxCDD	0.0000099	ND(0.0000010)	0.0000055 J	ND(0.0000014)	ND(0.00000064)
1,2,3,6,7,8-HxCDD	0.000016	ND(0.00000093)	0.000014	ND(0.0000012)	ND(0.00000064)
1,2,3,7,8,9-HxCDD	0.000015	ND(0.0000010)	0.0000084	ND(0.0000014)	ND(0.00000064)
HxCDDs (total)	0.00024	ND(0.0000010)	0.00013	ND(0.0000013)	ND(0.0000012)
1,2,3,4,6,7,8-HpCDD	0.00018	ND(0.00000091)	0.00027	ND(0.0000026) X	ND(0.00000071)
HpCDDs (total)	0.00036	ND(0.00000091)	0.00048	ND(0.0000017)	ND(0.00000071)
OCDD	0.0014	ND(0.0000035)	0.0022	0.000015	0.0000020 J
Total TEQs (WHO TEFs)	0.000074	0.0000010	0.00029	0.0000025	0.00000087

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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)

Parameter / Sample ID / Sample Depth (Feet) / Date Collected:	4C-SB-23 1-3 02/17/05	4C-SB-23 6-10 02/17/05	4C-SB-27 3-6 02/09/05	4C-SB-29 0-1 02/17/05	4C-SB-29 2-4 02/17/05
Inorganics					
Antimony	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	3.50	1.60	2.60	5.60	2.20
Barium	29.0	15.0 B	32.0	18.0 B	39.0
Beryllium	0.190 B	0.180 B	0.290 B	0.200 B	0.350 B
Cadmium	0.290 B	ND(0.500)	0.780	ND(0.500)	ND(0.500)
Chromium	16.0	9.60	24.0	8.80	10.0
Cobalt	7.00	10.0	6.40	11.0	8.20
Copper	37.0	8.60	31.0	19.0	8.60
Cyanide	0.160	ND(0.130)	ND(0.590)	0.120 B	0.0480 B
Lead	60.0	3.80	82.0	13.0	5.90
Mercury	0.200	ND(0.130)	0.180	0.0470 B	ND(0.130)
Nickel	12.0	18.0	13.0	20.0	13.0
Selenium	1.50	1.00	ND(1.00)	1.60	1.30
Silver	0.120 B	ND(1.00)	0.610 B	ND(1.00)	ND(1.00)
Sulfide	ND(6.00)	12.0	19.0	ND(6.00)	ND(6.50)
Thallium	ND(1.20)	ND(1.30)	2.20	ND(1.20)	ND(1.30)
Tin	18.0	3.90 B	5.20 B	2.40 B	2.60 B
Vanadium	8.10	8.00	12.0	8.10	11.0
Zinc	87.0	68.0	85.0	55.0	55.0

TABLE 16&17-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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)

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to SGS 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 those constituents detected in one or more samples are summarized.
5. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics (volatiles, semivolatiles, 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.

Inorganics

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

ITEM 18
HOUSATONIC RIVER FLOODPLAIN
CURRENT RESIDENTIAL PROPERTIES
DOWNSTREAM OF CONFLUENCE
(ACTUAL/POTENTIAL LAWNS)
(GECD730)
MARCH 2005

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

ITEM 20
OTHER AREAS
SILVER LAKE AREA
(GECD600)
MARCH 2005

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

a. Activities Undertaken/Completed

- Completed supplemental soil sampling at Parcels I9-9-10, I9-9-21, I9-10-8, and Esther Terrace.

- Collected candidate cap material samples (to be used in the Bench-Scale Study) from local earthen material suppliers for analysis of TOC (March 3 and 14, 2005). Samples collected on March 3 were also subject to grain-size analysis.

- Collected two sediment cores from each of six locations within Silver Lake (March 8 and 9, 2005). The two sets of six cores were processed and shipped for analysis of geotechnical properties and PCBs. Five additional cores were taken from one location to be used as test cores in a trial run of the Bench-Scale Study.

- Collected sediment cores at six locations within Silver Lake for performance of Stage 1 of the Bench-Scale Study (March 21, 2005). Collected cores were transported to a trailer on the GE facility for processing and performance of Stage 1 activities.

- Initiated Stage 1 of the Bench-Scale Study (March 21, 2005).

- Collected a composite surface water sample from water within the six cores used in Stage 1 for analysis of PCBs and total petroleum hydrocarbons (TPH) (March 22, 2005).

- Collected a sample of representative cap material used in Stage 1 activities for analysis of TOC (March 22, 2005).

- Performed water level monitoring at Silver Lake staff gauge and monitoring wells surrounding the lake (see Item 21.a).

b. Sampling/Test Results Received

- See attached tables

- See attached Analytical Report from Woods Hole Group.

c. Work Plans/Reports/Documents Submitted

None

ITEM 20
(cont'd)
OTHER AREAS
SILVER LAKE AREA
(GECD600)
MARCH 2005

d. Upcoming Scheduled Activities (next six weeks)

- Continue water-level monitoring at well pairs surrounding the lake.
- Continue performance of Bench-Scale Study for sediments in accordance with Bench-Scale Study Work Plan as conditionally approved by EPA on February 25, 2005.
- Submit Supplemental Pre-Design Investigation Report for Sediments (due on or before April 11, 2005).
- Prepare and submit Second Interim Pre-Design Investigation Report for Soils (due on or before May 18, 2005).
- Send ERE requests to owners of certain commercial properties adjacent to Silver Lake.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Discussions underway with EPA regarding requests for EREs at above properties.

f. Proposed/Approved Work Plan Modifications

None

TABLE 20-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Silver Lake Bench Scale Study	Backfill-1	3/3/05	NA	Soil	Geotechnics	Grain Size	
Silver Lake Bench Scale Study	Backfill-1	3/3/05	NA	Soil	NEA	TOC	3/9/05
Silver Lake Bench Scale Study	BACKFILL-2	3/14/05	NA	Soil	NEA	TOC	3/15/05
Silver Lake Bench Scale Study	BACKFILL-3	3/14/05	NA	Soil	NEA	TOC	3/15/05
Silver Lake Bench Scale Study	BACKFILL-4	3/14/05	NA	Soil	NEA	TOC	3/15/05
Silver Lake Bench Scale Study	Backfill-5	3/22/05	NA	Soil	NEA	TOC	3/29/05
Silver Lake Bench Scale Study	BS-DUP-1 (BS-SE-A2)	3/9/05	0-3	Sediment	NEA	PCB	3/14/05
Silver Lake Bench Scale Study	BS-SE-A2	3/9/05	0-3	Sediment	NEA	PCB	3/14/05
Silver Lake Bench Scale Study	BS-SE-B2	3/9/05	0-3	Sediment	NEA	PCB	3/14/05
Silver Lake Bench Scale Study	BS-SE-C7	3/9/05	0-3	Sediment	NEA	PCB	3/14/05
Silver Lake Bench Scale Study	BS-SE-D2	3/9/05	0-3	Sediment	NEA	PCB	3/14/05
Silver Lake Bench Scale Study	BS-SE-E2	3/9/05	0-3	Sediment	NEA	PCB	3/14/05
Silver Lake Bench Scale Study	BS-SE-F2	3/9/05	0-3	Sediment	NEA	PCB	3/14/05
Silver Lake Bench Scale Study	Isolation-1	3/3/05	NA	Soil	Geotechnics	Grain Size	
Silver Lake Bench Scale Study	Isolation-1	3/3/05	NA	Soil	NEA	TOC	3/9/05
Silver Lake Bench Scale Study	SL-BS-SE-A1	3/23/05	0-2.5	Sediment	Geotechnics	Bulk Density, Porosity, Particle Size, Moisture Content, Atterberg Limits, Specific Gravity	
Silver Lake Bench Scale Study	SL-BS-SE-B1	3/23/05	0-1.8	Sediment	Geotechnics	Bulk Density, Porosity, Particle Size, Moisture Content, Atterberg Limits, Specific Gravity	
Silver Lake Bench Scale Study	SL-BS-SE-C1	3/23/05	0-2.5	Sediment	Geotechnics	Bulk Density, Porosity, Particle Size, Moisture Content, Atterberg Limits, Specific Gravity	
Silver Lake Bench Scale Study	SL-BS-SE-D1	3/23/05	0-2.5	Sediment	Geotechnics	Bulk Density, Porosity, Particle Size, Moisture Content, Atterberg Limits, Specific Gravity	
Silver Lake Bench Scale Study	SL-BS-SE-E1	3/23/05	0-2.5	Sediment	Geotechnics	Bulk Density, Porosity, Particle Size, Moisture Content, Atterberg Limits, Specific Gravity	
Silver Lake Bench Scale Study	SL-BS-SE-F1	3/23/05	0-2.5	Sediment	Geotechnics	Bulk Density, Porosity, Particle Size, Moisture Content, Atterberg Limits, Specific Gravity	
Silver Lake Bench Scale Study	SL-BS-W1	3/22/05	NA	Water	NEA	PCB	3/29/05
Silver Lake Bench Scale Study	SL-BS-W1	3/22/05	NA	Water	SGS	VPH, EPH	
Supplemental PDI Sediment Sampling	PW1 COMP	2/18/05	NA	Water	NEA	Congener PCB, DOC	3/14/05
Supplemental PDI Sediment Sampling	PW1 COMP	2/18/05	NA	Sediment	NEA	Congener PCB, TOC	3/14/05
Supplemental PDI Sediment Sampling	PW1 COMP	2/18/05	NA	Sediment	Woods Hole	AVS/SEM, Metals, EPH/VPH, Grain Size	3/28/05
Supplemental PDI Sediment Sampling	PW1 COMP	2/18/05	NA	Water	Woods Hole	Metals(f), Turbidity, EPH/VPH	3/28/05
Supplemental PDI Sediment Sampling	PW2 COMP	2/21/05	NA	Water	NEA	Congener PCB, DOC	3/14/05
Supplemental PDI Sediment Sampling	PW2 COMP	2/18/05	NA	Sediment	NEA	Congener PCB, TOC	3/14/05
Supplemental PDI Sediment Sampling	PW2 COMP	2/18/05	NA	Sediment	Woods Hole	AVS/SEM, Metals, EPH/VPH, Grain Size	3/28/05
Supplemental PDI Sediment Sampling	PW2 COMP	2/21/05	NA	Water	Woods Hole	Metals(f), Turbidity, EPH/VPH	3/28/05
Supplemental PDI Sediment Sampling	PW3 COMP	2/21/05	NA	Water	NEA	Congener PCB, DOC	3/14/05
Supplemental PDI Sediment Sampling	PW3 COMP	2/18/05	NA	Sediment	NEA	Congener PCB, TOC	3/14/05
Supplemental PDI Sediment Sampling	PW3 COMP	2/18/05	NA	Sediment	Woods Hole	AVS/SEM, Metals, EPH/VPH, Grain Size	3/28/05
Supplemental PDI Sediment Sampling	PW3 COMP	2/21/05	NA	Water	Woods Hole	Metals(f), Turbidity, EPH/VPH	3/28/05
Supplemental PDI Sediment Sampling	PW4 COMP	2/21/05	NA	Water	NEA	Congener PCB, DOC	3/14/05

TABLE 20-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Supplemental PDI Sediment Sampling	PW4 COMP	2/18/05	NA	Sediment	NEA	Congener PCB, TOC	3/14/05
Supplemental PDI Sediment Sampling	PW4 COMP	2/18/05	NA	Sediment	Woods Hole	AVS/SEM, Metals, EPH/VPH, Grain Size	3/28/05
Supplemental PDI Sediment Sampling	PW4 COMP	2/21/05	NA	Water	Woods Hole	Metals(f), Turbidity, EPH/VPH	3/28/05
Supplemental PDI Sediment Sampling	PW5 COMP	2/21/05	NA	Water	NEA	Congener PCB, DOC	3/14/05
Supplemental PDI Sediment Sampling	PW5 COMP	2/18/05	NA	Sediment	NEA	Congener PCB, TOC	3/14/05
Supplemental PDI Sediment Sampling	PW5 COMP	2/18/05	NA	Sediment	Woods Hole	AVS/SEM, Metals, EPH/VPH, Grain Size	3/28/05
Supplemental PDI Sediment Sampling	PW5 COMP	2/21/05	NA	Water	Woods Hole	Metals(f), Turbidity, EPH/VPH	3/28/05
Supplemental PDI Sediment Sampling	PW6 COMP	2/21/05	NA	Water	NEA	Congener PCB, DOC	3/14/05
Supplemental PDI Sediment Sampling	PW6 COMP	2/18/05	NA	Sediment	NEA	Congener PCB, TOC	3/14/05
Supplemental PDI Sediment Sampling	PW6 COMP	2/18/05	NA	Sediment	Woods Hole	AVS/SEM, Metals, EPH/VPH, Grain Size	3/28/05
Supplemental PDI Sediment Sampling	PW6 COMP	2/21/05	NA	Water	Woods Hole	Metals(f), Turbidity, EPH/VPH	3/28/05
Supplemental PDI Sediment Sampling	PW7 COMP	2/21/05	NA	Water	NEA	Congener PCB, DOC	3/14/05
Supplemental PDI Sediment Sampling	PW7 COMP	2/18/05	NA	Sediment	NEA	Congener PCB, TOC	3/14/05
Supplemental PDI Sediment Sampling	PW7 COMP	2/18/05	NA	Sediment	Woods Hole	AVS/SEM, Metals, EPH/VPH, Grain Size	3/28/05
Supplemental PDI Sediment Sampling	PW7 COMP	2/21/05	NA	Water	Woods Hole	Metals(f), Turbidity, EPH/VPH	3/28/05
Supplemental PDI Sediment Sampling	PW8 COMP	2/21/05	NA	Water	NEA	Congener PCB, DOC	3/14/05
Supplemental PDI Sediment Sampling	PW8 COMP	2/18/05	NA	Sediment	NEA	Congener PCB, TOC	3/14/05
Supplemental PDI Sediment Sampling	PW8 COMP	2/18/05	NA	Sediment	Woods Hole	AVS/SEM, Metals, EPH/VPH, Grain Size	3/28/05
Supplemental PDI Sediment Sampling	PW8 COMP	2/21/05	NA	Water	Woods Hole	Metals(f), Turbidity, EPH/VPH	3/28/05
Supplemental PDI Sediment Sampling	PWDUP COMP (PW6 COMP)	2/21/05	NA	Water	NEA	Congener PCB, DOC	3/14/05
Supplemental PDI Sediment Sampling	PWDUP COMP (PW6 COMP)	2/18/05	NA	Sediment	NEA	Congener PCB, TOC	3/14/05
Supplemental PDI Sediment Sampling	PWDUP COMP (PW6 COMP)	2/18/05	NA	Sediment	Woods Hole	AVS/SEM, Metals, EPH/VPH, Grain Size	3/28/05
Supplemental PDI Sediment Sampling	PWDUP COMP (PW6 COMP)	2/21/05	NA	Water	Woods Hole	Metals(f), Turbidity, EPH/VPH	3/28/05
Supplemental PDI Soil Sampling	ET-SB-1	3/8/05	0-1	Soil	SGS	PCB	3/17/05
Supplemental PDI Soil Sampling	ET-SB-1	3/8/05	1-3	Soil	SGS	PCB	3/17/05
Supplemental PDI Soil Sampling	I9-10-8-SB-12	3/8/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-10-8-SB-12	3/8/05	3-5	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-10-8-SB-12	3/8/05	7-9	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-10-8-SB-16	3/9/05	1-3	Soil	SGS	PCB	3/15/05
Supplemental PDI Soil Sampling	I9-10-8-SB-16	3/9/05	11-13	Soil	SGS	PCB	
Supplemental PDI Soil Sampling	I9-10-8-SB-16	3/9/05	13-15	Soil	SGS	PCB	
Supplemental PDI Soil Sampling	I9-10-8-SB-16	3/9/05	3-5	Soil	SGS	PCB	3/15/05
Supplemental PDI Soil Sampling	I9-10-8-SB-16	3/9/05	5-7	Soil	SGS	PCB	3/15/05
Supplemental PDI Soil Sampling	I9-10-8-SB-16	3/9/05	7-9	Soil	SGS	PCB	3/15/05
Supplemental PDI Soil Sampling	I9-10-8-SB-16	3/9/05	9-11	Soil	SGS	PCB	3/15/05
Supplemental PDI Soil Sampling	I9-10-8-SB-16	3/9/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-10-8-SB-16	3/9/05	1-3	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-10-8-SB-16	3/9/05	9-11	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-10-8-SB-17	3/7/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	3/31/05
Supplemental PDI Soil Sampling	I9-10-8-SB-17	3/7/05	5-7	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	3/31/05
Supplemental PDI Soil Sampling	I9-10-8-SB-17	3/7/05	9-11	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	3/31/05

TABLE 20-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Supplemental PDI Soil Sampling	I9-10-8-SB-18	3/7/05	3-5	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	3/31/05
Supplemental PDI Soil Sampling	I9-10-8-SB-18	3/7/05	7-9	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	3/31/05
Supplemental PDI Soil Sampling	I9-10-8-SB-19	3/7/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	3/31/05
Supplemental PDI Soil Sampling	I9-10-8-SB-19	3/7/05	1-3	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	3/31/05
Supplemental PDI Soil Sampling	I9-10-8-SB-2	3/7/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	3/31/05
Supplemental PDI Soil Sampling	I9-10-8-SB-2	3/7/05	5-7	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	3/31/05
Supplemental PDI Soil Sampling	I9-10-8-SB-9	3/8/05	1-3	Soil	SGS	SVOC	
Supplemental PDI Soil Sampling	I9-9-1-SB-6	3/8/05	5-7	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-1-SB-6	3/8/05	7-9	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-11-SB-7	3/9/05	10-15	Soil	SGS	PCB	3/21/05
Supplemental PDI Soil Sampling	I9-9-11-SB-7	3/9/05	6-10	Soil	SGS	PCB	3/15/05
Supplemental PDI Soil Sampling	I9-9-11-SB-7	3/9/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-11-SB-7	3/9/05	4-6	Soil	SGS	VOC	
Supplemental PDI Soil Sampling	I9-9-11-SB-7	3/9/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-11-SB-9	3/9/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-11-SB-9	3/9/05	1-3	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-21-SB-10	3/10/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-21-SB-10	3/10/05	6-10	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-21-SB-10	3/10/05	4-6	Soil	SGS	VOC	
Supplemental PDI Soil Sampling	I9-9-21-SB-10	3/10/05	8-10	Soil	SGS	VOC	
Supplemental PDI Soil Sampling	I9-9-21-SB-10	3/10/05	1-3	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-21-SB-11	3/10/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-21-SB-6	3/10/05	10-15	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-21-SB-6	3/10/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-21-SB-6	3/10/05	10-12	Soil	SGS	VOC	
Supplemental PDI Soil Sampling	I9-9-21-SB-6	3/10/05	4-6	Soil	SGS	VOC	
Supplemental PDI Soil Sampling	I9-9-21-SB-6	3/10/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-21-SB-7	3/10/05	10-15	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-21-SB-7	3/10/05	6-10	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-21-SB-7	3/10/05	12-14	Soil	SGS	VOC	
Supplemental PDI Soil Sampling	I9-9-21-SB-7	3/10/05	8-10	Soil	SGS	VOC	
Supplemental PDI Soil Sampling	I9-9-21-SB-7	3/10/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-21-SB-7	3/10/05	1-3	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-21-SS-1	3/10/05	0-1	Soil	SGS	PCB	3/17/05
Supplemental PDI Soil Sampling	I9-9-22-SB-6	3/10/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-22-SB-6	3/10/05	1-3	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-25-SB-8	3/11/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-25-SB-8	3/11/05	1-3	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-25-SB-9	3/11/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-25-SB-9	3/11/05	4-6	Soil	SGS	VOC	
Supplemental PDI Soil Sampling	I9-9-25-SB-9	3/11/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	

TABLE 20-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Supplemental PDI Soil Sampling	I9-9-30-SB-12	3/11/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-30-SB-12	3/11/05	4-6	Soil	SGS	VOC	
Supplemental PDI Soil Sampling	I9-9-30-SB-12	3/11/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-30-SB-8	3/11/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-30-SB-8	3/11/05	1-3	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-9-SB-1	3/8/05	3-5	Soil	SGS	VOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-9-SB-1	3/8/05	7-9	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-9-SB-2	3/11/05	5-7	Soil	SGS	VOC	
Supplemental PDI Soil Sampling	I9-9-9-SB-2	3/11/05	7-9	Soil	SGS	VOC	
Supplemental PDI Soil Sampling	I9-9-9-SB-2	3/11/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-9-SB-2	3/8/05	5-7	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-9-SB-2	3/8/05	7-9	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-9-SB-9	3/8/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	I9-9-9-SB-9	3/8/05	1-3	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	SL-DUP-29 (I9-10-8-SB-16)	3/9/05	7-9	Soil	SGS	PCB	3/15/05
Supplemental PDI Soil Sampling	SL-DUP-30 (I9-9-11-SB-7)	3/9/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	SL-DUP-31 (I9-9-11-SB-7)	3/9/05	4-6	Soil	SGS	VOC	
Supplemental PDI Soil Sampling	SL-DUP-32 (I9-9-21-SB-6)	3/10/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	SL-DUP-33 (I9-9-21-SB-6)	3/10/05	4-6	Soil	SGS	VOC	
Supplemental PDI Soil Sampling	SL-DUP-34 (I9-9-25-SB-9)	3/11/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Supplemental PDI Soil Sampling	SL-DUP-35 (I9-9-25-SB-9)	3/11/05	4-6	Soil	SGS	VOC	

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

TABLE 20-2
TOC DATA RECEIVED DURING MARCH 2005

SILVER LAKE BENCH SCALE STUDY
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Paramete / Sample ID: / Date Collected:	BACKFILL-1 03/03/05	BACKFILL-2 03/14/05	BACKFILL-3 03/14/05	BACKFILL-4 03/14/05	BACKFILL-5 03/22/05	ISOLATION-1 03/03/05
Total Organic Carbon						
TOC - Replicate 1	1100	840	92000	25000	9700	2900
TOC - Replicate 2	1300	820	75000	29000	12000	2300
TOC - Replicate 3	1300	830	120000	23000	14000	2700
TOC - Average	1200	830	96000	26000	12000	2600
TOC - % RSD	8.4	1.5	23	11	19	11

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to Northeast Analytical, Inc. for analysis of total organic carbon (TOC).

2. % RSD - Percent relative standard deviation.

TABLE 20-3
PCB DATA RECEIVED DURING MARCH 2005

SILVER LAKE BENCH SCALE STUDY
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	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
BS-SE-A2	0-3	3/9/2005	ND(270) [ND(140)]	1200 PB [920 PB]	ND(270) [ND(140)]	ND(270) [ND(140)]	3300 PE [1600 PE]	2600 AF [970 AF]	450 AG [230 AG]	7550 [3720]
BS-SE-B2	0-3	3/9/2005	ND(24)	300 PB	ND(24)	ND(24)	470 PE	120 AF	70 AG	960
BS-SE-C7	0-3	3/9/2005	ND(70)	ND(70)	ND(70)	ND(70)	2500 PE	260 AF	ND(70)	2760
BS-SE-D2	0-3	3/9/2005	ND(110)	ND(110)	ND(110)	ND(110)	2300 PE	140 AF	ND(110)	2440
BS-SE-E2	0-3	3/9/2005	ND(340)	ND(340)	ND(340)	ND(340)	9300 PE	4400 AF	400 AG	14100
BS-SE-F2	0-3	3/9/2005	ND(89)	550 PB	ND(89)	ND(89)	1800 PE	120 AF	ND(89)	2470

Notes:
1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to Northeast Analytical, 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:

AF - Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AG - Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
PB - Aroclor 1221 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1221 is not present in the sample, but is reported to more accurately quantify PCBs present in a sample that has undergone environmental alteration.
PE - Aroclor 1248 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1248 is not present in the sample, but is reported to more accurately quantify PCBs present in a sample that has undergone environmental alteration.

TABLE 20-4
SEDIMENT SAMPLE DATA RECEIVED DURING MARCH 2005

SUPPLEMENTAL PRE-DESIGN INVESTIGATION
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Parameter / Sample ID: / Date Collected:	PW1 Comp 02/18/05	PW2 Comp 02/18/05	PW3 Comp 02/18/05	PW4 Comp 02/18/05	PW5 Comp 02/18/05
Congener Total PCBs (mg/Kg)					
Congener Total PCBs	60.6	70.3	68.1	225	2170
Total Organic Carbon					
TOC - Replicate 1	97000	110000	110000	110000	100000
TOC - Replicate 2	98000	110000	110000	110000	140000
TOC - Replicate 3	100000	99000	120000	110000	150000
TOC - Average	99000	100000	120000	110000	130000
TOC - % RSD	3.4	4.3	6.4	0.89	20
Extractable Petroleum Hydrocarbons (mg/Kg)					
C11-C22 Aromatic Hydrocarbons	1800	2000	5600	2000	5000
C19-C36 Aliphatic Hydrocarbons	6800	5100	15000	7200	11000
C9-C18 Aliphatic Hydrocarbons	1800	800	3100	1800	6400
Unadjusted C11-C22 Aromatic Hydrocarbons	2000	2200	5800	2200	5300
2-Methylnaphthalene	ND(4.4)	ND(4.6)	ND(7.8)	ND(5.6)	ND(5.9)
Acenaphthene	ND(4.4)	ND(4.6)	ND(7.8)	ND(5.6)	ND(5.9)
Acenaphthylene	ND(4.4)	ND(4.6)	ND(7.8)	ND(5.6)	ND(5.9)
Anthracene	5.1	ND(4.6)	ND(7.8)	6.9	53
Benzo(a)anthracene	14	11	12	13	8.0
Benzo(a)pyrene	16	13	12	14	9.1
Benzo(b)fluoranthene	24	18	18	19	13
Benzo(g,h,i)perylene	11	8.6	9.0	9.6	ND(5.9)
Benzo(k)fluoranthene	8.6	7.0	ND(7.8)	7.9	ND(5.9)
Chrysene	17	13	16	16	12
Dibenzo(a,h)anthracene	15	13	12	13	7.9
Fluoranthene	35	27	31	37	21
Fluorene	ND(4.4)	ND(4.6)	ND(7.8)	ND(5.6)	7.4
Indeno(1,2,3-cd)pyrene	15	13	12	13	7.9
Naphthalene	ND(4.4)	ND(4.6)	ND(7.8)	ND(5.6)	ND(5.9)
Phenanthrene	20	13	17	23	84
Pyrene	36	27	32	37	27
Volatile Petroleum Hydrocarbons (mg/Kg)					
C5-C8 Aliphatic Hydrocarbons	ND(53)	ND(67)	ND(89)	ND(58)	ND(65)
C9-C10 Aromatic Hydrocarbons	ND(27)	ND(34)	ND(45)	ND(29)	34
C9-C12 Aliphatic Hydrocarbons	ND(27)	ND(34)	ND(45)	ND(29)	ND(32)
Unadjusted C5-C8 Aliphatic Hydrocarbons	ND(53)	ND(67)	ND(89)	ND(58)	ND(65)
Unadjusted C9-C12 Aliphatic Hydrocarbons	ND(27)	ND(34)	ND(45)	ND(29)	53
Benzene	ND(1.3)	ND(1.7)	ND(2.2)	ND(1.5)	ND(1.6)
Ethylbenzene	ND(1.3)	ND(1.7)	ND(2.2)	ND(1.5)	ND(1.6)
m&p-Xylene	ND(2.7)	ND(3.4)	ND(4.5)	ND(2.9)	ND(3.2)
Methyl tert-butyl ether	ND(1.3)	ND(1.7)	ND(2.2)	ND(1.5)	ND(1.6)
Naphthalene	ND(2.7)	ND(3.4)	ND(4.5)	ND(2.9)	ND(3.2)
o-Xylene	ND(1.3)	ND(1.7)	ND(2.2)	ND(1.5)	ND(1.6)
Toluene	ND(1.3)	ND(1.7)	ND(2.2)	ND(1.5)	ND(1.6)
AVS/SEM					
SEM/AVS (unitless)	0.11	0.17	0.10	0.12	0.26
Cadmium (umol/g)	0.170	0.510	0.390	0.360	0.850
Copper (umol/g)	0.140 N	ND(0.160) N	0.210 N	ND(0.170) N	0.290 N
Lead (umol/g)	4.30	4.40	4.30	4.40	5.40
Nickel (umol/g)	1.10	1.80	2.40	1.60	2.60
Sulfide (umol/g)	210 N	240 N	440 N	280 N	210 N
Zinc (umol/g)	18.0 N	34.0 N	38.0 N	28.0 N	46.0 N
Inorganics (mg/Kg)					
Antimony	6.00 *	8.10 *	13.0 *	10.0 *	7.10 *
Arsenic	15.0	21.0	16.0	16.0	32.0
Barium	130	140	130	140	140
Beryllium	0.630	0.900	0.740	0.620	1.10
Cadmium	26.0	61.0	60.0	56.0	120
Chromium	130	280	280	230	680
Cobalt	20.0	25.0	24.0	20.0	19.0
Copper	1400	2400	4000	3800	5400
Lead	1200	1000	1200	1200	1600
Mercury	3.30	8.00	12.0	11.0	24.0
Nickel	120	180	260	190	280
Selenium	1.60	2.70	2.30	1.40	3.20
Silver	38.0 *	76.0 *	130 *	110 *	160 *
Tin	170	270	550	440	830
Vanadium	210	300	570	510	250
Zinc	1500	2500	3000	2400	4000

TABLE 20-4
SEDIMENT SAMPLE DATA RECEIVED DURING MARCH 2005

SUPPLEMENTAL PRE-DESIGN INVESTIGATION
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Parameter / Sample ID: / Date Collected:	PW6 Comp 02/18/05	PW7 Comp 02/18/05	PW8 Comp 02/18/05
Congener Total PCBs (mg/Kg)			
Congener Total PCBs	459 [416]	151	881
Total Organic Carbon			
TOC - Replicate 1	150000 [160000]	140000	180000
TOC - Replicate 2	150000 [160000]	140000	160000
TOC - Replicate 3	160000 [160000]	140000	170000
TOC - Average	150000 [160000]	140000	170000
TOC - % RSD	3.4 [2.5]	1.4	5.9
Extractable Petroleum Hydrocarbons (mg/Kg)			
C11-C22 Aromatic Hydrocarbons	2600 [2800]	2000	1100
C19-C36 Aliphatic Hydrocarbons	9200 [8100]	6900	4600
C9-C18 Aliphatic Hydrocarbons	3100 [3200]	1800	620
Unadjusted C11-C22 Aromatic Hydrocarbons	2800 [3000]	2100	1200
2-Methylnaphthalene	ND(4.0) [ND(2.9)]	ND(5.7)	ND(4.4)
Acenaphthene	ND(4.0) [ND(2.9)]	ND(5.7)	ND(4.4)
Acenaphthylene	ND(4.0) [ND(2.9)]	ND(5.7)	ND(4.4)
Anthracene	5.8 [6.6]	ND(5.7)	9.8
Benzo(a)anthracene	10 [9.6]	6.6	ND(4.4)
Benzo(a)pyrene	8.8 [8.6]	7.3	ND(4.4)
Benzo(b)fluoranthene	14 [12]	10	5.7
Benzo(g,h,i)perylene	5.7 [5.3]	ND(5.7)	ND(4.4)
Benzo(k)fluoranthene	4.6 [5.1]	ND(5.7)	ND(4.4)
Chrysene	12 [11]	8.6	4.4
Dibenzo(a,h)anthracene	8.0 [7.5]	6.6	5.0
Fluoranthene	26 [24]	19	11
Fluorene	ND(4.0) [5.1]	ND(5.7)	ND(4.4)
Indeno(1,2,3-cd)pyrene	8.0 [7.5]	6.6	5.0
Naphthalene	ND(4.0) [ND(2.9)]	ND(5.7)	ND(4.4)
Phenanthrene	13 [12]	8.7	ND(4.4)
Pyrene	25 [24]	17	10
Volatile Petroleum Hydrocarbons (mg/Kg)			
C5-C8 Aliphatic Hydrocarbons	ND(43) [ND(40)]	ND(69)	ND(67)
C9-C10 Aromatic Hydrocarbons	ND(21) [ND(20)]	ND(34)	ND(33)
C9-C12 Aliphatic Hydrocarbons	ND(21) [ND(20)]	ND(34)	ND(33)
Unadjusted C5-C8 Aliphatic Hydrocarbons	ND(43) [ND(40)]	ND(69)	ND(67)
Unadjusted C9-C12 Aliphatic Hydrocarbons	26 [ND(20)]	35	ND(33)
Benzene	ND(1.1) [ND(1.0)]	ND(1.7)	ND(1.7)
Ethylbenzene	ND(1.1) [ND(1.0)]	ND(1.7)	ND(1.7)
m&p-Xylene	ND(2.1) [ND(2.0)]	ND(3.4)	ND(3.3)
Methyl tert-butyl ether	ND(1.1) [ND(1.0)]	ND(1.7)	ND(1.7)
Naphthalene	ND(2.1) [ND(2.0)]	ND(3.4)	ND(3.3)
o-Xylene	ND(1.1) [ND(1.0)]	1.7	ND(1.7)
Toluene	ND(1.1) [ND(1.0)]	ND(1.7)	ND(1.7)
AVS/SEM			
SEM/AVS (unitless)	0.27 [0.27]	0.19	0.28
Cadmium (umol/g)	0.450 [0.410]	0.450	0.180
Copper (umol/g)	ND(0.140) N [ND(0.110) N]	ND(0.200) N	ND(0.170) N
Lead (umol/g)	4.40 [4.80]	5.40	4.60
Nickel (umol/g)	1.50 [1.10]	2.00	1.30
Sulfide (umol/g)	160 N [150 N]	240 N	140 N
Zinc (umol/g)	36.0 N [33.0 N]	37.0 N	34.0 N
Inorganics (mg/Kg)			
Antimony	8.80 * [5.10 *]	18.0 *	18.0 *
Arsenic	22.0 [29.0]	18.0	11.0
Barium	160 [160]	130	120
Beryllium	0.910 [1.10]	0.770	0.630
Cadmium	66.0 [60.0]	71.0	27.0
Chromium	400 [500]	370	200
Cobalt	17.0 [16.0]	22.0	20.0
Copper	4700 [5200]	4600	1900
Lead	1400 [1700]	1600	1200
Mercury	63.0 [90.0]	24.0	5.40
Nickel	190 [170]	240	140
Selenium	2.20 [2.40]	2.50	1.80
Silver	92.0 * [110 *]	120 *	31.0 *
Tin	360 [460]	540	220
Vanadium	330 [280]	520	360
Zinc	3100 [3100]	3200	2500

TABLE 20-4
SEDIMENT SAMPLE DATA RECEIVED DURING MARCH 2005

SUPPLEMENTAL PRE-DESIGN INVESTIGATION
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to Northeast Analytical, Inc. for analysis of of congener PCBs and total organic carbon (TOC) and to Woods Hole Group Environmental Laboratories for analysis of EPH/VPH, AVS/SEM, and Metals.
2. Field duplicate sample results are presented in brackets.
3. % RSD - Percent relative standard deviation.
4. Results reported on a dry weight basis.

Data Qualifiers:

Inorganics (AVS/SEM, metals)

N - Indicates sample matrix spike analysis was outside control limits.

* - Indicates laboratory duplicate analysis was outside control limits.

TABLE 20-5
PORE WATER SAMPLE DATA RECEIVED DURING MARCH 2005

SUPPLEMENTAL PRE-DESIGN INVESTIGATION
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Parameter / Sample ID: / Date Collected:	PW1 Comp 02/18/05	PW2 Comp 02/21/05	PW3 Comp 02/21/05	PW4 Comp 02/21/05	PW5 Comp 02/21/05
Congener Total PCBs (mg/L)					
Congener Total PCBs	0.00181	0.00388	0.000388	0.00108	0.0641
Dissolved Organic Carbon (mg/L)					
Dissolved Organic Carbon	26.5	31.2	21.1	26.3	29.6
Extractable Petroleum Hydrocarbons (mg/L)					
C11-C22 Aromatic Hydrocarbons	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.33)	ND(0.34)
C19-C36 Aliphatic Hydrocarbons	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.15)	ND(0.16)
C9-C18 Aliphatic Hydrocarbons	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	0.16
Unadjusted C11-C22 Aromatic Hydrocarbons	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.33)	ND(0.34)
2-Methylnaphthalene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.019)	ND(0.020)
Acenaphthene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.019)	ND(0.020)
Acenaphthylene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.019)	ND(0.020)
Anthracene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.019)	ND(0.020)
Benzo(a)anthracene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.019)	ND(0.020)
Benzo(a)pyrene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.019)	ND(0.020)
Benzo(b)fluoranthene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.019)	ND(0.020)
Benzo(g,h,i)perylene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.019)	ND(0.020)
Benzo(k)fluoranthene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.019)	ND(0.020)
Chrysene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.019)	ND(0.020)
Dibenzo(a,h)anthracene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.019)	ND(0.020)
Fluoranthene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.019)	ND(0.020)
Fluorene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.019)	ND(0.020)
Indeno(1,2,3-cd)pyrene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.019)	ND(0.020)
Naphthalene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.019)	ND(0.020)
Phenanthrene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.019)	ND(0.020)
Pyrene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.019)	ND(0.020)
Volatile Petroleum Hydrocarbons (mg/L)					
C5-C8 Aliphatic Hydrocarbons	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	0.21
C9-C10 Aromatic Hydrocarbons	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
C9-C12 Aliphatic Hydrocarbons	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Unadjusted C5-C8 Aliphatic Hydrocarbons	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	0.21
Unadjusted C9-C10 Aromatic Hydrocarbons	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Benzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
m&p-Xylene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Methyl tert-butyl ether	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Naphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
o-Xylene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Toluene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Inorganics-Filtered (mg/L)					
Antimony	0.00320	0.00270	0.00900	0.00690	0.00280
Arsenic	0.00130	0.000930	0.00140	0.00170	0.00130
Barium	0.0670	0.0640	0.0400	0.0400	0.100
Beryllium	ND(0.0000500)	ND(0.0000500)	ND(0.0000500)	ND(0.0000500)	ND(0.0000500)
Cadmium	0.0000480 B	0.0000950 B	0.000170 B	0.000160 B	0.000470 B
Chromium	0.00570	0.00870	0.00620	0.0130	0.00760
Cobalt	0.00370	0.00360	0.00570	0.00510	0.00290
Copper	ND(0.00160)	ND(0.00160)	0.00450	0.00390	0.00350
Lead	0.0000970 B	0.000800	0.00260	0.00320	0.00570
Mercury	ND(0.0000200)	ND(0.0000200)	ND(0.0000200)	ND(0.0000200)	ND(0.0000200)
Nickel	0.0130	0.0330	0.0310	0.0300	0.0740
Selenium	0.00160 B	0.00130 B	0.00130 B	0.00170 B	ND(0.000750)
Silver	0.000110 B	0.0000640 B	0.000660	0.000280 B	0.000150 B
Tin	ND(0.00250)	ND(0.00250)	ND(0.00250)	ND(0.00250)	ND(0.00250)
Vanadium	0.000840 B	ND(0.000200)	0.00520	0.00650	ND(0.000200)
Zinc	0.00400 B	0.0220	0.0150	0.0160	0.0790
Conventional Parameters					
Turbidity (NTU)	45	55	55	73	50

TABLE 20-5
PORE WATER SAMPLE DATA RECEIVED DURING MARCH 2005

SUPPLEMENTAL PRE-DESIGN INVESTIGATION
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Parameter / Sample ID: / Date Collected:	PW6 Comp 02/21/05	PW7 Comp 02/21/05	PW8 Comp 02/21/05
Congener Total PCBs (mg/L)			
Congener Total PCBs	0.00346 [0.00397]	0.00707	0.00996
Dissolved Organic Carbon (mg/L)			
Dissolved Organic Carbon	18.0	17.2	25.1
Extractable Petroleum Hydrocarbons (mg/L)			
C11-C22 Aromatic Hydrocarbons	ND(0.34) [ND(0.34)]	ND(0.33)	ND(0.35)
C19-C36 Aliphatic Hydrocarbons	ND(0.16) [ND(0.16)]	ND(0.15)	ND(0.17)
C9-C18 Aliphatic Hydrocarbons	ND(0.12) [ND(0.12)]	ND(0.12)	ND(0.12)
Unadjusted C11-C22 Aromatic Hydrocarbons	ND(0.34) [ND(0.34)]	ND(0.33)	ND(0.35)
2-Methylnaphthalene	ND(0.020) [ND(0.020)]	ND(0.019)	ND(0.021)
Acenaphthene	ND(0.020) [ND(0.020)]	ND(0.019)	ND(0.021)
Acenaphthylene	ND(0.020) [ND(0.020)]	ND(0.019)	ND(0.021)
Anthracene	ND(0.020) [ND(0.020)]	ND(0.019)	ND(0.021)
Benzo(a)anthracene	ND(0.020) [ND(0.020)]	ND(0.019)	ND(0.021)
Benzo(a)pyrene	ND(0.020) [ND(0.020)]	ND(0.019)	ND(0.021)
Benzo(b)fluoranthene	ND(0.020) [ND(0.020)]	ND(0.019)	ND(0.021)
Benzo(g,h,i)perylene	ND(0.020) [ND(0.020)]	ND(0.019)	ND(0.021)
Benzo(k)fluoranthene	ND(0.020) [ND(0.020)]	ND(0.019)	ND(0.021)
Chrysene	ND(0.020) [ND(0.020)]	ND(0.019)	ND(0.021)
Dibenzo(a,h)anthracene	ND(0.020) [ND(0.020)]	ND(0.019)	ND(0.021)
Fluoranthene	ND(0.020) [ND(0.020)]	ND(0.019)	ND(0.021)
Fluorene	ND(0.020) [ND(0.020)]	ND(0.019)	ND(0.021)
Indeno(1,2,3-cd)pyrene	ND(0.020) [ND(0.020)]	ND(0.019)	ND(0.021)
Naphthalene	ND(0.020) [ND(0.020)]	ND(0.019)	ND(0.021)
Phenanthrene	ND(0.020) [ND(0.020)]	ND(0.019)	ND(0.021)
Pyrene	ND(0.020) [ND(0.020)]	ND(0.019)	ND(0.021)
Volatile Petroleum Hydrocarbons (mg/L)			
C5-C8 Aliphatic Hydrocarbons	ND(0.20) [ND(0.20)]	ND(0.20)	ND(0.20)
C9-C10 Aromatic Hydrocarbons	ND(0.10) [ND(0.10)]	ND(0.10)	ND(0.10)
C9-C12 Aliphatic Hydrocarbons	ND(0.10) [ND(0.10)]	ND(0.10)	ND(0.10)
Unadjusted C5-C8 Aliphatic Hydrocarbons	ND(0.20) [ND(0.20)]	ND(0.20)	ND(0.20)
Unadjusted C9-C10 Aromatic Hydrocarbons	ND(0.10) [ND(0.10)]	ND(0.10)	ND(0.10)
Benzene	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Ethylbenzene	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
m&p-Xylene	ND(0.010) [ND(0.010)]	0.011	ND(0.010)
Methyl tert-butyl ether	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Naphthalene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
o-Xylene	ND(0.0050) [ND(0.0050)]	0.0090	ND(0.0050)
Toluene	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Inorganics-Filtered (mg/L)			
Antimony	0.00290 [0.00300]	0.00830	0.00940
Arsenic	0.00140 [0.00180]	0.00190	0.000830
Barium	0.110 [0.110]	0.0260	0.0530
Beryllium	ND(0.0000500) [ND(0.0000500)]	ND(0.0000500)	ND(0.0000500)
Cadmium	0.000250 B [0.0000940 B]	0.000310 B	0.0000590 B
Chromium	0.00500 [0.00630]	0.00840	0.00700
Cobalt	0.00170 [0.00220]	0.00280	0.00160
Copper	0.00210 B [ND(0.00160)]	0.00820	0.00190 B
Lead	0.00450 [0.00160]	0.00910	0.00190
Mercury	ND(0.0000200) [ND(0.0000200)]	0.0000290 B	ND(0.0000200)
Nickel	0.0270 [0.0390]	0.0260	0.0200
Selenium	0.00110 B [ND(0.000750)]	ND(0.000750)	0.00130 B
Silver	0.000100 B [0.0000950 B]	0.000340 B	0.0000520 B
Tin	ND(0.00250) [ND(0.00250)]	ND(0.00250)	ND(0.00250)
Vanadium	0.00270 [0.000260 B]	0.0120	0.00330
Zinc	0.0380 [0.0500]	0.0150	0.00910
Conventional Parameters			
Turbidity (NTU)	50 [62]	8.0	60

TABLE 20-5
PORE WATER SAMPLE DATA RECEIVED DURING MARCH 2005

SUPPLEMENTAL PRE-DESIGN INVESTIGATION
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to Northeast Analytical, Inc. for analysis of congener PCBs and dissolved organic carbon (DOC) and to Woods Hole Group Environmental Laboratories for analysis of EPH/VPH, AVS/SEM, Turbidity, and Filtered Metals.
2. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Inorganics (metals)

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

TABLE 20-6
DATA RECEIVED DURING MARCH 2005

SILVER LAKE BENCH SCALE STUDY
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	SL-BS-W1 03/22/05
PCBs-Unfiltered	
Aroclor-1221	0.0055 PB
Aroclor-1248	0.012 PE
Aroclor-1254	0.0024 AF
Total PCBs	0.0199

Notes:

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

Data Qualifiers:

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

TABLE 20-7
DATA RECEIVED DURING MARCH 2005

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	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
ET-SB-1	0-1	3/8/2005	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.43	0.36	0.79
	1-3	3/8/2005	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.025 J	0.022 J	0.047 J
I9-9-11-SB-7	6-10	3/9/2005	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.66	0.25	0.91
	10-15	3/9/2005	ND(0.51)	ND(0.51)	ND(0.51)	ND(0.51)	7.9	3.5	1.9	13.3
I9-9-21-SS-1	0-1	3/10/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	1.2	1.2
I9-10-8-SB-16	1-3	3/9/2005	ND(0.51)	ND(0.51)	ND(0.51)	ND(0.51)	20	9.9	4.3	34.2
	3-5	3/9/2005	ND(0.49)	ND(0.49)	ND(0.49)	ND(0.49)	ND(0.49)	3.9	1.7	5.6
	5-7	3/9/2005	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	2.5	1.1	3.6
	7-9	3/9/2005	ND(0.046) [ND(0.048)]	ND(0.046) [ND(0.048)]	ND(0.046) [ND(0.048)]	ND(0.046) [ND(0.048)]	ND(0.046) [0.84]	0.17 [0.30]	0.070 [0.15]	0.24 [1.29]
	9-11	3/9/2005	ND(0.092)	ND(0.092)	ND(0.092)	ND(0.092)	ND(0.092)	ND(0.092)	ND(0.092)	ND(0.092)

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

Data Qualifiers:

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

TABLE 20-8
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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	I9-10-8-SB-2	I9-10-8-SB-2	I9-10-8-SB-17	I9-10-8-SB-17	I9-10-8-SB-17
		0-1	5-7	0-1	5-7	9-11
		03/07/05	03/07/05	03/07/05	03/07/05	03/07/05
Volatile Organics						
2-Butanone		ND(0.011)	0.26	ND(0.013)	0.30	0.019 J
Acetone		0.0064 J	0.74	ND(0.026)	0.54	0.068
Carbon Disulfide		ND(0.0057)	ND(0.0094)	ND(0.0065)	ND(0.014)	ND(0.012)
Toluene		ND(0.0057)	ND(0.0094)	0.0044 J	ND(0.014)	ND(0.012)
Xylenes (total)		0.0055 J	0.0092 J	0.0061 J	0.013 J	0.011 J
Semivolatile Organics						
Acenaphthylene		0.20 J	ND(0.62)	0.21 J	ND(0.91)	ND(0.78)
Anthracene		0.17 J	0.052 J	0.26 J	0.10 J	ND(0.78)
Benzo(a)anthracene		0.79	0.23 J	1.0	0.51 J	ND(0.78)
Benzo(a)pyrene		0.83	0.17 J	1.2	0.33 J	ND(0.78)
Benzo(b)fluoranthene		0.81	0.18 J	0.90	0.25 J	ND(0.78)
Benzo(g,h,i)perylene		0.60	0.11 J	0.74	0.12 J	ND(0.78)
Benzo(k)fluoranthene		0.86	0.20 J	1.0	0.34 J	ND(0.78)
bis(2-Ethylhexyl)phthalate		0.30 J	ND(0.62)	ND(0.43)	ND(0.90)	ND(0.77)
Chrysene		0.79	0.26 J	1.1	0.41 J	ND(0.78)
Dibenzo(a,h)anthracene		0.12 J	ND(0.62)	0.14 J	ND(0.91)	ND(0.78)
Dibenzofuran		ND(0.38)	ND(0.62)	0.052 J	ND(0.91)	ND(0.78)
Fluoranthene		1.2	0.47 J	2.0	0.69 J	ND(0.78)
Fluorene		0.052 J	ND(0.62)	ND(0.43)	ND(0.91)	ND(0.78)
Indeno(1,2,3-cd)pyrene		0.54	ND(0.62)	0.58	ND(0.91)	ND(0.78)
Naphthalene		0.039 J	0.082 J	0.079 J	ND(0.91)	ND(0.78)
Phenanthrene		0.61	0.20 J	0.98	0.28 J	ND(0.78)
Pyrene		1.2	0.44 J	1.9	0.77 J	ND(0.78)
Furans						
2,3,7,8-TCDF		0.000027 Y	0.0000080 Y	0.000046 Y	0.0000029 Y	ND(0.00000050)
TCDFs (total)		0.00022	0.00016	0.00035	0.000042	ND(0.00000050)
1,2,3,7,8-PeCDF		0.0000085	0.0000082 J	0.000013	ND(0.0000026)	ND(0.00000039)
2,3,4,7,8-PeCDF		0.000011	0.000014	0.000015	0.0000040 J	ND(0.00000039)
PeCDFs (total)		0.00013	0.00011	0.00017	0.000012	ND(0.00000061)
1,2,3,4,7,8-HxCDF		0.000010	0.000016	0.0000095	0.0000048 J	ND(0.00000021)
1,2,3,6,7,8-HxCDF		0.0000071	0.000013	0.0000083 I	ND(0.0000031)	ND(0.00000018)
1,2,3,7,8,9-HxCDF		ND(0.00000030)	ND(0.00000057)	ND(0.00000031)	ND(0.00000020)	ND(0.00000021)
2,3,4,6,7,8-HxCDF		0.0000045 J	0.000014	0.0000074	ND(0.0000033)	ND(0.00000021)
HxCDFs (total)		0.000086	0.000093	0.00010	0.000010	ND(0.00000021)
1,2,3,4,6,7,8-HpCDF		0.000037	0.000049	0.000031	0.000010	ND(0.00000024)
1,2,3,4,7,8,9-HpCDF		ND(0.0000024)	ND(0.0000039)	ND(0.0000028)	ND(0.00000073)	ND(0.00000026)
HpCDFs (total)		0.000063	0.000061	0.000051	0.000010	ND(0.00000026)
OCDF		0.000042	0.000014 J	0.000034	ND(0.0000044)	ND(0.00000056)
Dioxins						
2,3,7,8-TCDD		ND(0.00000018)	ND(0.00000072)	ND(0.00000033)	ND(0.00000025)	ND(0.00000024)
TCDDs (total)		0.0000034	0.000017	0.0000067	0.0000062	ND(0.00000039)
1,2,3,7,8-PeCDD		ND(0.00000069)	ND(0.0000026)	ND(0.0000011)	ND(0.0000011)	ND(0.00000069)
PeCDDs (total)		ND(0.0000032)	0.000016	ND(0.0000042)	0.0000083	ND(0.00000069)
1,2,3,4,7,8-HxCDD		ND(0.00000090)	ND(0.0000020)	ND(0.0000012)	ND(0.00000085)	ND(0.00000039)
1,2,3,6,7,8-HxCDD		ND(0.0000025)	ND(0.0000031)	ND(0.0000023)	ND(0.0000022)	ND(0.00000037)
1,2,3,7,8,9-HxCDD		ND(0.0000028)	ND(0.0000022)	ND(0.0000025)	ND(0.0000025)	ND(0.00000037)
HxCDDs (total)		0.000018	0.000026	0.000017	0.000016	ND(0.00000039)
1,2,3,4,6,7,8-HpCDD		0.000038	0.000016	0.000037	0.000010	ND(0.00000037)
HpCDDs (total)		0.00011	0.000031	0.000074	0.000020	ND(0.00000037)
OCDD		0.00030	0.000022	0.00031	0.000023	ND(0.00000059)
Total TEQs (WHO TEFs)		0.000012	0.000015	0.000017	0.0000043	0.00000070

TABLE 20-8
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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:	I9-10-8-SB-2 0-1 03/07/05	I9-10-8-SB-2 5-7 03/07/05	I9-10-8-SB-17 0-1 03/07/05	I9-10-8-SB-17 5-7 03/07/05	I9-10-8-SB-17 9-11 03/07/05
Inorganics						
Arsenic		17.0	11.0	11.0	16.0	1.50 B
Barium		76.0	180	96.0	120	23.0
Beryllium		0.360 B	0.280 B	0.320 B	0.410 B	0.0750 B
Cadmium		0.200 B	1.60	0.360 B	0.430 B	ND(0.500)
Chromium		16.0	21.0	14.0	58.0	2.10
Cobalt		13.0	6.30	9.60	14.0	0.400 B
Copper		68.0	170	67.0	170	5.40
Cyanide		1.30	0.840	0.220	0.610	ND(0.460)
Lead		330	660	260	550	1.30 B
Mercury		0.290	1.10	0.950	1.80	ND(0.230)
Nickel		25.0	14.0	17.0	28.0	2.10 B
Selenium		2.40	5.20	1.80	3.60	ND(1.70)
Silver		ND(1.00)	0.230 B	0.140 B	0.420 B	ND(1.70)
Sulfide		18.0	1500	21.0	44.0	1000
Thallium		ND(1.10)	1.60 B	ND(1.30)	ND(2.70)	ND(2.30)
Tin		8.30 B	56.0	22.0	64.0	1.80 B
Vanadium		18.0	17.0	27.0	21.0	0.700 B
Zinc		150	520	180	810	13.0

TABLE 20-8
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	I9-10-8-SB-18 3-5 03/07/05	I9-10-8-SB-18 7-9 03/07/05	I9-10-8-SB-19 0-1 03/07/05	I9-10-8-SB-19 1-3 03/07/05
Volatile Organics				
2-Butanone	ND(0.014)	ND(0.016)	ND(0.013)	ND(0.012)
Acetone	ND(0.028)	0.028 J	ND(0.026)	ND(0.023)
Carbon Disulfide	ND(0.0069)	0.0062 J	ND(0.0066)	ND(0.0058)
Toluene	ND(0.0069)	ND(0.0078)	ND(0.0066)	ND(0.0058)
Xylenes (total)	0.0064 J	ND(0.0078)	0.0063 J	0.0054 J
Semivolatile Organics				
Acenaphthylene	ND(0.46)	ND(0.94)	ND(0.44)	0.077 J
Anthracene	ND(0.46)	ND(0.94)	0.056 J	0.080 J
Benzo(a)anthracene	ND(0.46)	ND(0.94)	0.26 J	0.37 J
Benzo(a)pyrene	ND(0.46)	ND(0.94)	0.28 J	0.43
Benzo(b)fluoranthene	ND(0.46)	ND(0.94)	0.25 J	0.32 J
Benzo(g,h,i)perylene	ND(0.46)	ND(0.94)	0.15 J	0.26 J
Benzo(k)fluoranthene	ND(0.46)	ND(0.94)	0.24 J	0.43
bis(2-Ethylhexyl)phthalate	ND(0.46)	ND(0.52)	ND(0.43)	ND(0.38)
Chrysene	ND(0.46)	ND(0.94)	0.30 J	0.46
Dibenzo(a,h)anthracene	ND(0.46)	ND(0.94)	ND(0.44)	0.049 J
Dibenzofuran	ND(0.46)	ND(0.94)	ND(0.44)	ND(0.39)
Fluoranthene	ND(0.46)	ND(0.94)	0.55	0.68
Fluorene	ND(0.46)	ND(0.94)	ND(0.44)	ND(0.39)
Indeno(1,2,3-cd)pyrene	ND(0.46)	ND(0.94)	0.13 J	0.21 J
Naphthalene	ND(0.46)	ND(0.94)	ND(0.44)	ND(0.39)
Phenanthrene	ND(0.46)	ND(0.94)	0.22 J	0.29 J
Pyrene	ND(0.46)	ND(0.94)	0.49	0.71
Furans				
2,3,7,8-TCDF	0.0000053 Y	ND(0.00000060) Y	0.000026 Y	0.000022 YI
TCDFs (total)	0.000031	ND(0.00000060)	0.00022	0.00020
1,2,3,7,8-PeCDF	ND(0.0000026)	ND(0.00000035)	0.0000085	0.0000073
2,3,4,7,8-PeCDF	0.0000035 J	ND(0.00000025)	0.000011	0.0000080
PeCDFs (total)	0.000015	ND(0.00000045)	0.00011	0.000091
1,2,3,4,7,8-HxCDF	ND(0.0000031)	ND(0.00000053)	0.0000089	0.0000071
1,2,3,6,7,8-HxCDF	ND(0.0000023)	ND(0.00000027)	0.0000058 J	0.0000049 J
1,2,3,7,8,9-HxCDF	ND(0.00000033)	ND(0.00000014)	ND(0.00000033)	ND(0.00000024)
2,3,4,6,7,8-HxCDF	ND(0.0000025)	ND(0.00000019)	0.0000047 J	0.0000036 J
HxCDFs (total)	0.0000070	ND(0.00000053)	0.000070	0.000059
1,2,3,4,6,7,8-HpCDF	0.0000095	ND(0.00000067)	0.000023	0.000017
1,2,3,4,7,8,9-HpCDF	ND(0.00000074)	ND(0.00000019)	ND(0.0000018)	ND(0.0000015)
HpCDFs (total)	0.0000095	ND(0.00000067)	0.000041	0.000027
OCDF	ND(0.0000051)	ND(0.00000033)	0.000030	0.000019
Dioxins				
2,3,7,8-TCDD	ND(0.00000028)	ND(0.00000022)	ND(0.00000034)	ND(0.00000015)
TCDDs (total)	0.0000025	ND(0.00000035)	0.0000035	0.0000023
1,2,3,7,8-PeCDD	ND(0.00000050)	ND(0.00000049)	ND(0.00000073)	ND(0.00000046)
PeCDDs (total)	ND(0.0000015)	ND(0.00000075)	ND(0.0000026)	ND(0.0000018)
1,2,3,4,7,8-HxCDD	ND(0.00000032)	ND(0.00000022)	ND(0.00000058)	ND(0.00000045)
1,2,3,6,7,8-HxCDD	ND(0.00000080)	ND(0.00000020)	ND(0.0000020)	ND(0.0000013)
1,2,3,7,8,9-HxCDD	ND(0.0000012)	ND(0.00000020)	ND(0.0000020)	ND(0.0000011)
HxCDDs (total)	0.0000050	ND(0.00000056)	0.000010	0.0000044
1,2,3,4,6,7,8-HpCDD	0.0000046 J	ND(0.00000048)	0.000027	0.000014
HpCDDs (total)	0.0000092	ND(0.00000048)	0.000051	0.000026
OCDD	0.000014	ND(0.0000022)	0.00032	0.00011
Total TEQs (WHO TEFs)	0.0000034	0.00000055	0.000012	0.0000089

TABLE 20-8
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2005

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:	I9-10-8-SB-18 3-5 03/07/05	I9-10-8-SB-18 7-9 03/07/05	I9-10-8-SB-19 0-1 03/07/05	I9-10-8-SB-19 1-3 03/07/05
Inorganics					
Arsenic		9.00	8.80	16.0	12.0
Barium		88.0	59.0	120	80.0
Beryllium		0.300 B	0.380 B	0.380 B	0.290 B
Cadmium		0.290 B	0.310 B	0.620	0.320 B
Chromium		8.30	14.0	18.0	12.0
Cobalt		6.30	12.0	9.20	8.40
Copper		140	120	110	130
Cyanide		0.380	0.190	0.170	0.260
Lead		210	74.0	340	280
Mercury		0.880	0.430	34000	560
Nickel		13.0	21.0	19.0	16.0
Selenium		1.40	1.20	2.10	1.40
Silver		ND(1.00)	ND(1.20)	0.150 B	ND(1.00)
Sulfide		28.0	170	32.0	18.0
Thallium		ND(1.40)	ND(1.60)	ND(1.30)	ND(1.20)
Tin		8.80 B	3.80 B	89.0	51.0
Vanadium		13.0	14.0	17.0	12.0
Zinc		200	250	230	140

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to SGS 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. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

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

Woods Hole Group

ANALYTICAL REPORT

Prepared for:
Blasland, Bouck & Lee, Inc.
6723 Towpath Road
P.O. Box 66
Syracuse, NY 13214

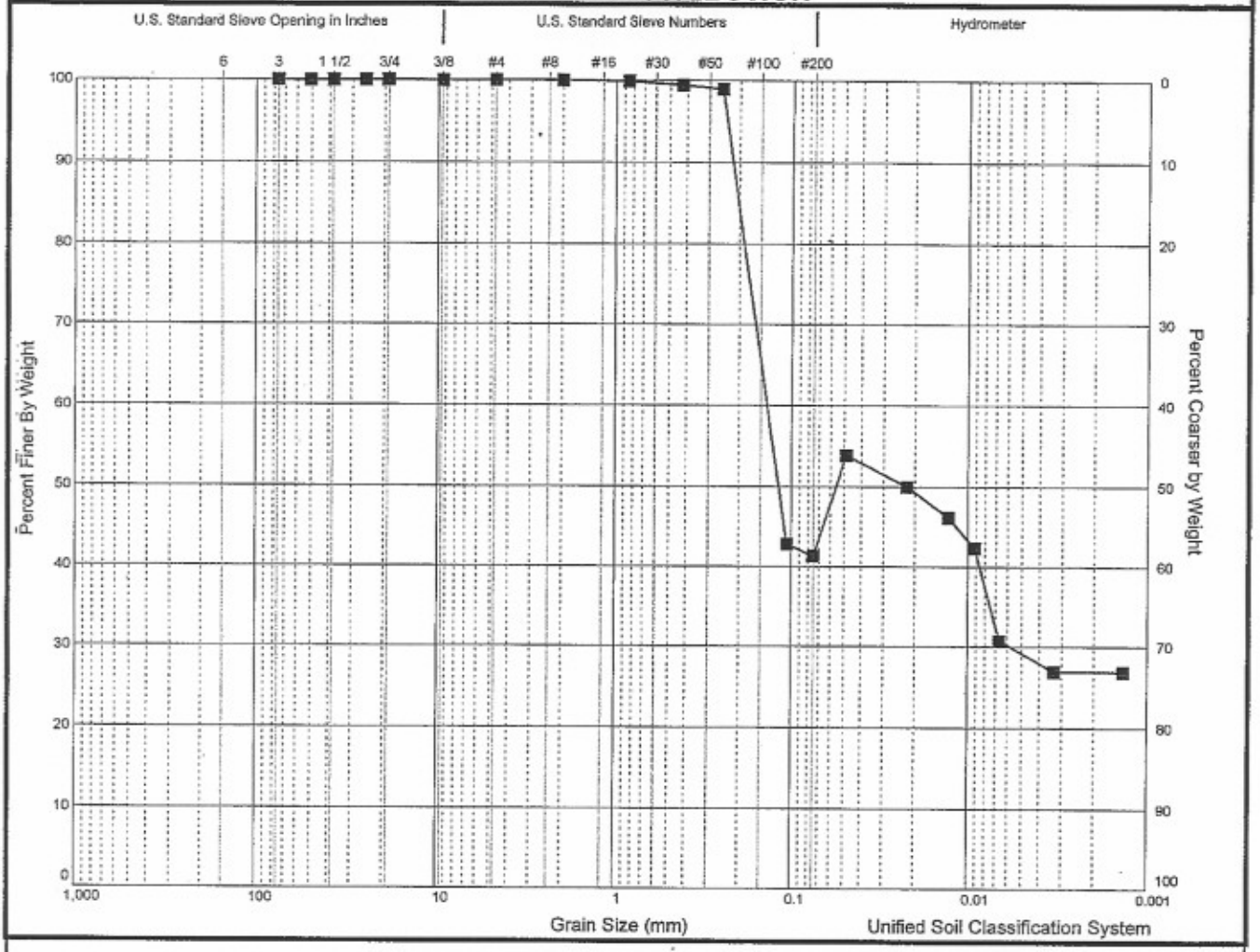
Project:	Silver Lake
ETR:	0502061
Report Date:	March 28, 2005

Certifications and Accreditations
Massachusetts MA030
Connecticut PH-0141
New Hampshire 220602
Rhode Island 64
New Jersey MA015
Maine MA030
New York 11627
Louisiana 03090
Army Corps of Engineers
Department of the Navy
Florida E87814

375 Paramount Drive, Suite 2, Raynham, Massachusetts 02767, (508) 822-9300, Fax (508) 822-3288, whale@whgrp.com

GRAIN SIZE DISTRIBUTION

GRAINSIZE DISTRIBUTION



% Coarse	% Sand	% Silt	% Clay
0.0%	53.9%	16.5%	29.6%

LL	PL	PI	D60 (mm)	D50 (mm)	D30 (mm)	D20 (mm)	D10 (mm)	Cc	Cu
			0.2	0.2	0.0	0.0	0.0	7.6	11242.8

Soil Description	USCS	USDA

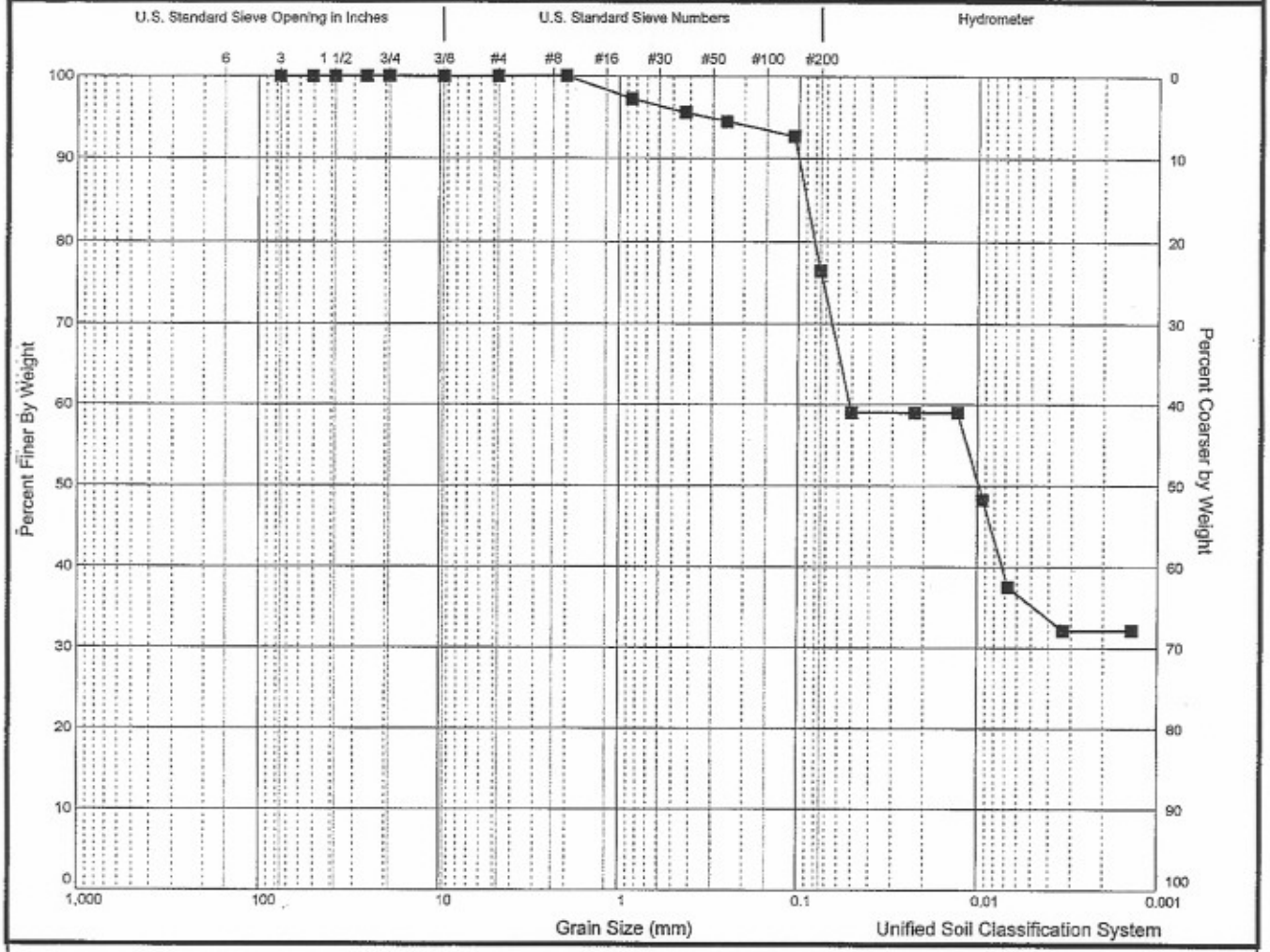
NP=No plastic limit

Company: Woods Hole Group Environmental Labs
Address: 375 Paramount Drive, Suite 2
Raynham Massachusetts 02767
Country: United States
Telephone: 508.822.9300 Fax: 508.822.3288

USCS GRAIN-SIZE DISTRIBUTION

Project No.: 0502061 Borehole: 0502061-01
Project Name: Silver Lake
Location: PW 1 Comp Sediment
Soil Counter: 265947288 Sample ID: 0502061-01
Depth: ft

GRAINSIZE DISTRIBUTION



% Coarse	% Sand	% Silt	% Clay
0.0%	23.7%	40.6%	35.6%

LL	PL	PI	D60 (mm)	D50 (mm)	D30 (mm)	D20 (mm)	D10 (mm)	Cc	Cu
			0.0	0.0	0.0	0.0	0.0	1.7	3075.6

Soil Description	USCS	USDA

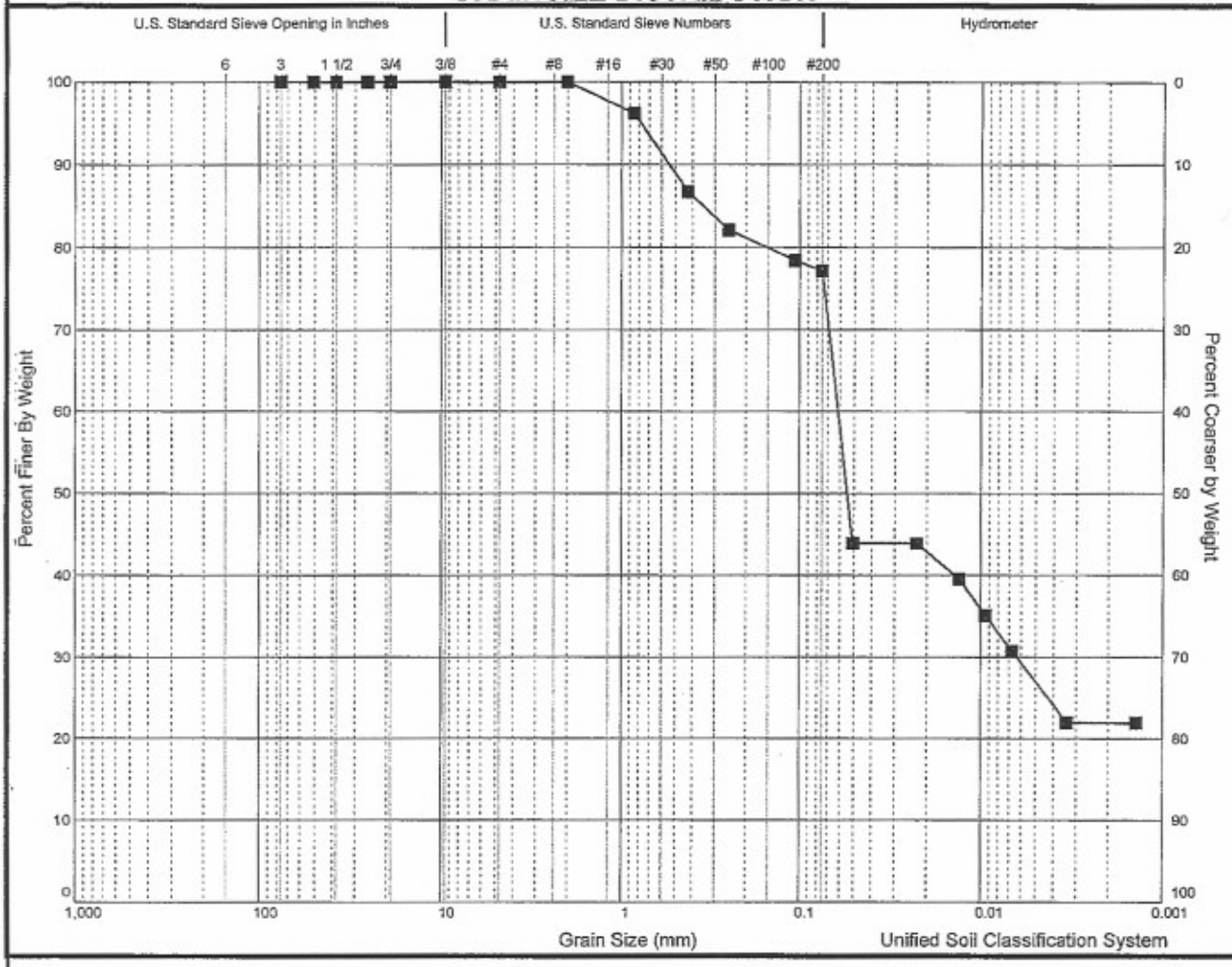
NP=No plastic limit

Company: Woods Hole Group Environmental Labs
Address: 375 Paramount Drive, Suite 2
Raynham Massachusetts 02767
Country: United States
Telephone: 508.822.9300 **Fax:** 508.822.3288

USCS GRAIN-SIZE DISTRIBUTION

Project No.: 0502061 **Borehole:** 0502061-01D
Project Name: Silver Lake
Location: PW 1 Comp Sediment
Soil Counter: 192294332 **Sample ID:** 0502061-01D
Depth: ft

GRAINSIZE DISTRIBUTION



% Coarse	% Sand	Silt	% Clay
0.7%	33.3%	38.3%	27.7%

LL	PL	PI	D60 (mm)	D50 (mm)	D30 (mm)	D20 (mm)	D10 (mm)	Cc	Cu
			0.1	0.0	0.0	0.0	0.0	22.9	1578.7

Soil Description	USCS	USDA

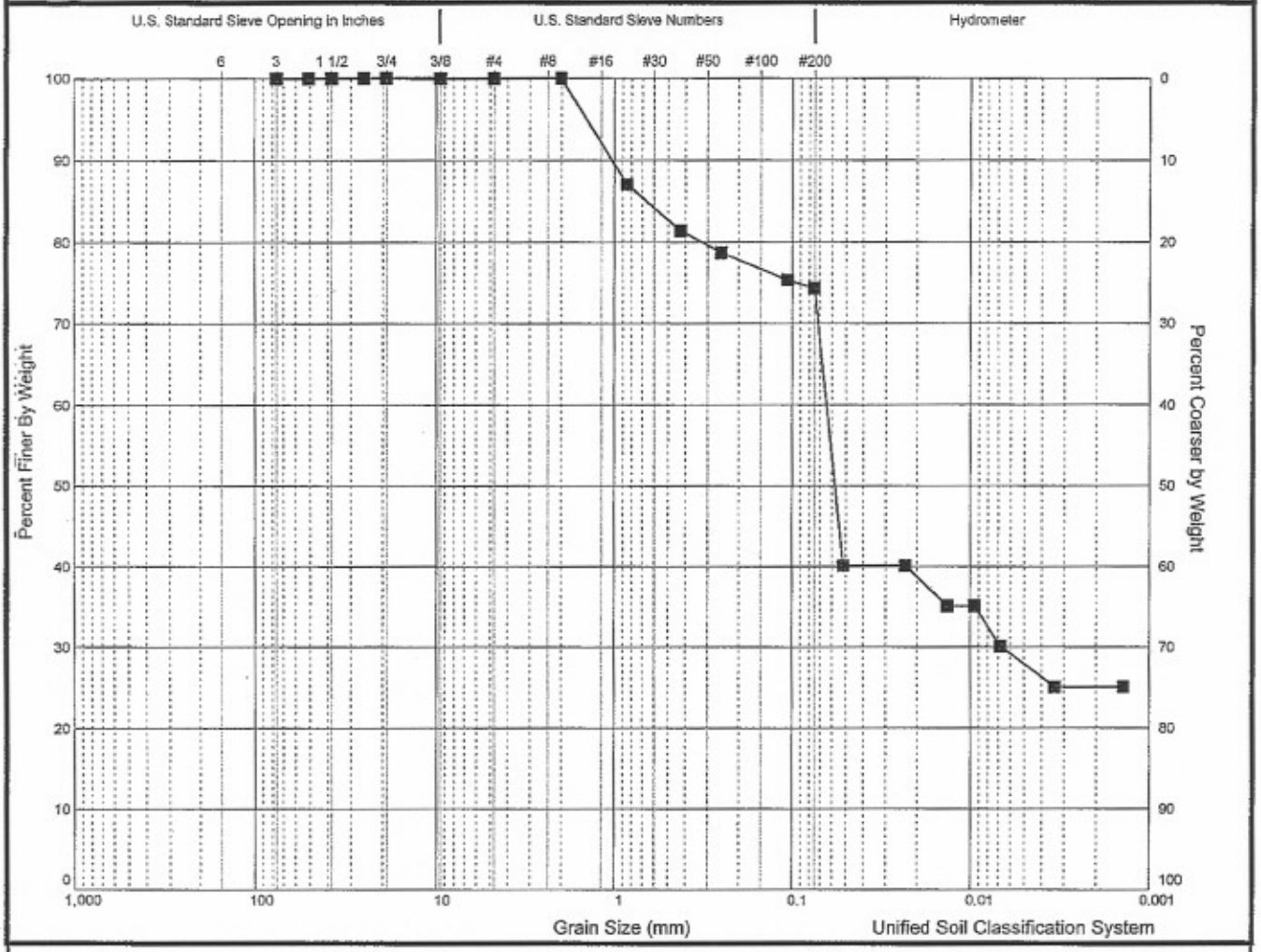
NP=No plastic limit

Company: Woods Hole Group Environmental Labs
Address: 375 Paramount Drive, Suite 2
Raynham Massachusetts 02767
Country: United States
Telephone: 508.822.9300 **Fax:** 508.822.3288

USCS GRAIN-SIZE DISTRIBUTION

Project No.: 0502061 **Borehole:** 0502061-02
Project Name: Silver Lake
Location: PW 2 Comp Sediment
Soil Counter: 885394043 **Sample ID:** 0502061-02
Depth: ft

GRAINSIZE DISTRIBUTION



% Coarse	% Sand	% Silt	% Clay
0.0%	26.3%	44.2%	29.6%

LL	PL	PI	D60 (mm)	D50 (mm)	D30 (mm)	D20 (mm)	D10 (mm)	Cc	Cu
			0.1	0.1	0.0	0.0	0.0	30.0	3979.0

Soil Description	USCS	USDA

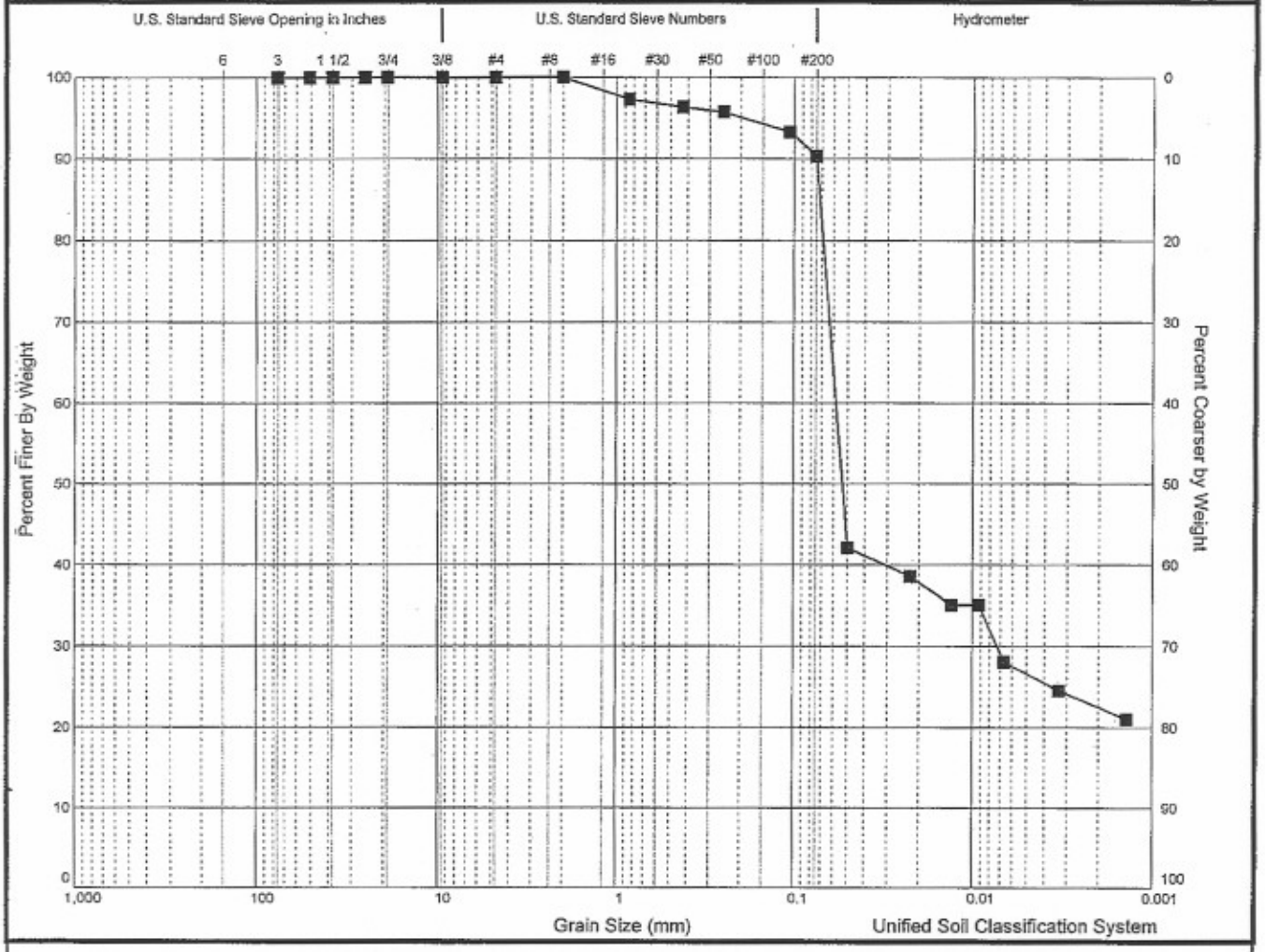
NP=No plastic limit

Company: Woods Hole Group Environmental Labs
Address: 375 Paramount Drive, Suite 2
Raynham Massachusetts 02767
Country: United States
Telephone: 508.822.9300 **Fax:** 508.822.3288

USCS GRAIN-SIZE DISTRIBUTION

Project No.: 0502061 **Borehole:** 0502061-03
Project Name: Silver Lake
Location: PW 3 Comp Sediment
Soil Counter: 639265484 **Sample ID:** 0502061-03
Depth: ft

GRAINSIZE DISTRIBUTION



% Coarse	% Sand	% Silt	% Clay
0.0%	9.8%	64.0%	26.3%

LL	PL	PI	D60 (mm)	D50 (mm)	D30 (mm)	D20 (mm)	D10 (mm)	Cc	Cu
			0.1	0.1	0.0	0.0	0.0	37.6	3152.8

Soil Description	USCS	USDA

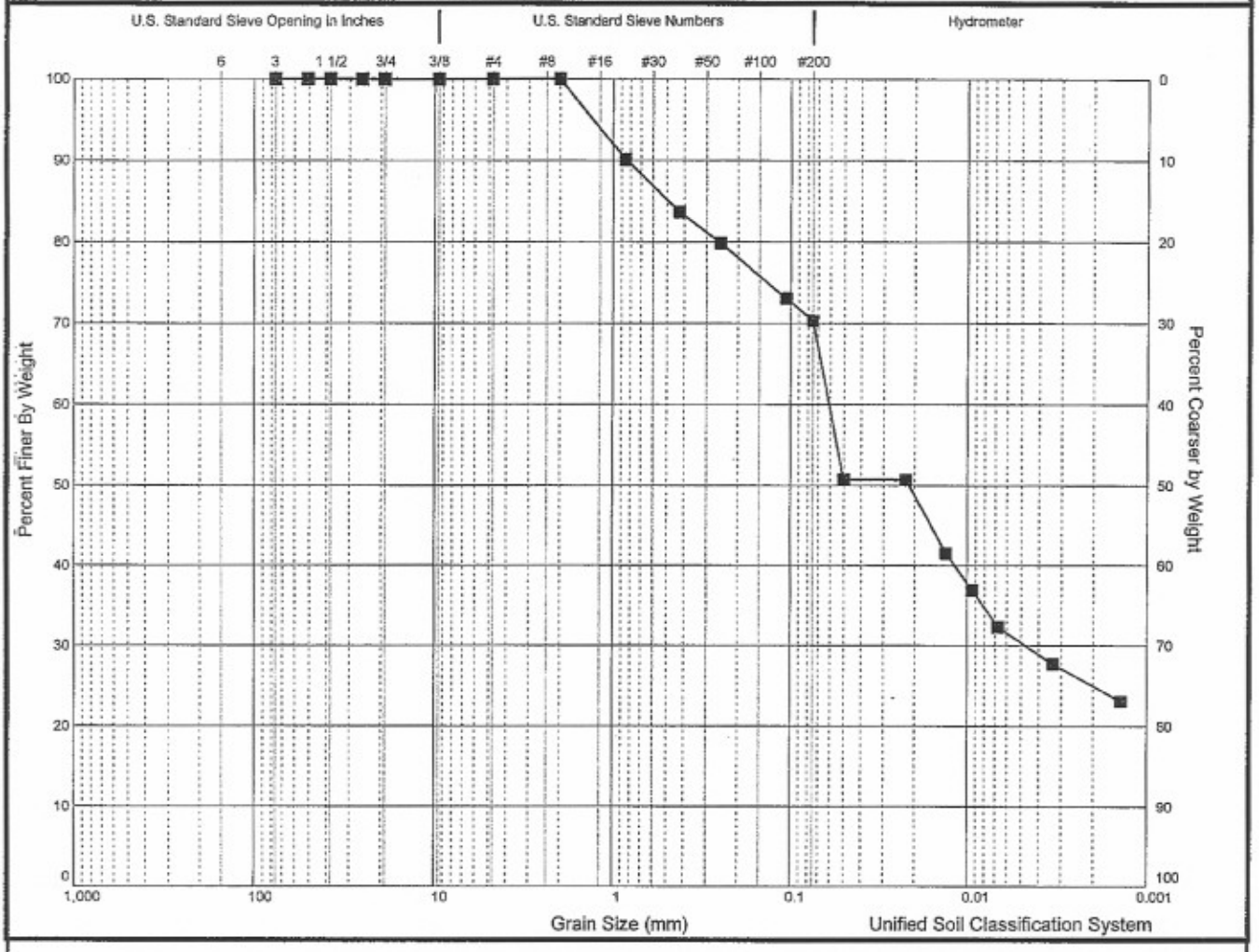
NP=No plastic limit

Company: Woods Hole Group Environmental Labs
Address: 375 Paramount Drive, Suite 2
Raynham Massachusetts 02767
Country: United States
Telephone: 508.822.9300 **Fax:** 508.822.3288

USCS GRAIN-SIZE DISTRIBUTION

Project No.: 0502061 **Borehole:** 0502061-04
Project Name: Silver Lake
Location: PW 4 Comp Sediment
Soil Counter: 474263032 **Sample ID:** 0502061-04
Depth: ft

GRAINSIZE DISTRIBUTION



% Coarse	% Sand	% Silt	% Clay
0.1%	33.5%	35.5%	30.9%

LL	PL	PI	D60 (mm)	D50 (mm)	D30 (mm)	D20 (mm)	D10 (mm)	Cc	Cu
			0.1	0.0	0.0	0.0	0.0	14.1	1896.5

Soil Description	USCS	USDA

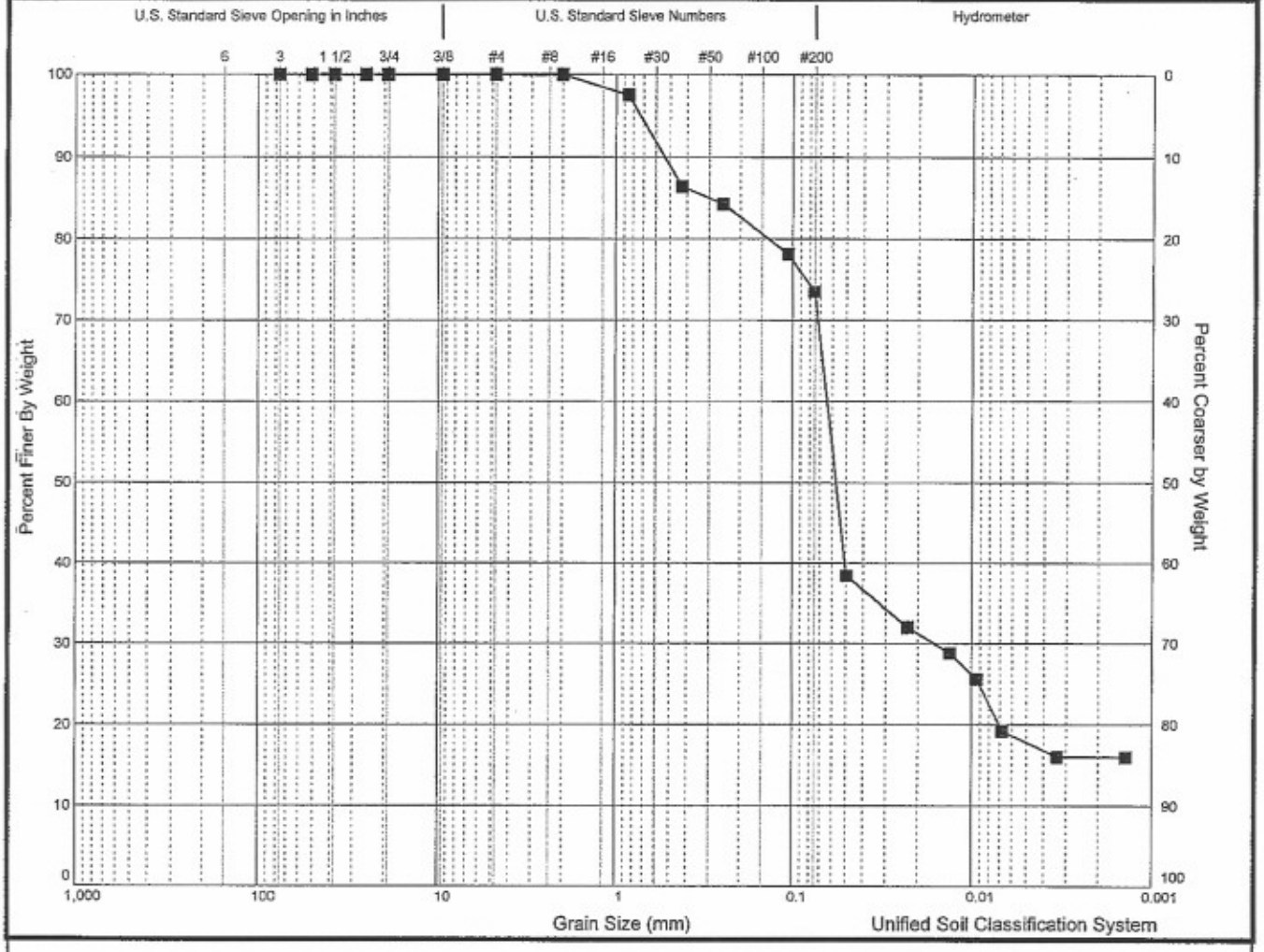
NP=No plastic limit

Company: Woods Hole Group Environmental Labs
Address: 375 Paramount Drive, Suite 2
Raynham Massachusetts 02767
Country: United States
Telephone: 508.822.9300 **Fax:** 508.822.3288

USCS GRAIN-SIZE DISTRIBUTION

Project No.: 0502061 **Borehole:** 0502061-05
Project Name: Silver Lake
Location: PW 5 Comp Sediment
Soil Counter: 316451920 **Sample ID:** 0502061-05
Depth: ft

GRAINSIZE DISTRIBUTION



% Coarse	% Sand	% Silt	% Clay
0.0%	27.1%	52.0%	20.9%

LL	PL	PI	D60 (mm)	D50 (mm)	D30 (mm)	D20 (mm)	D10 (mm)	Cc	Cu
			0.1	0.1	0.0	0.0	0.0	365.4	2182.3

Soil Description	USCS	USDA

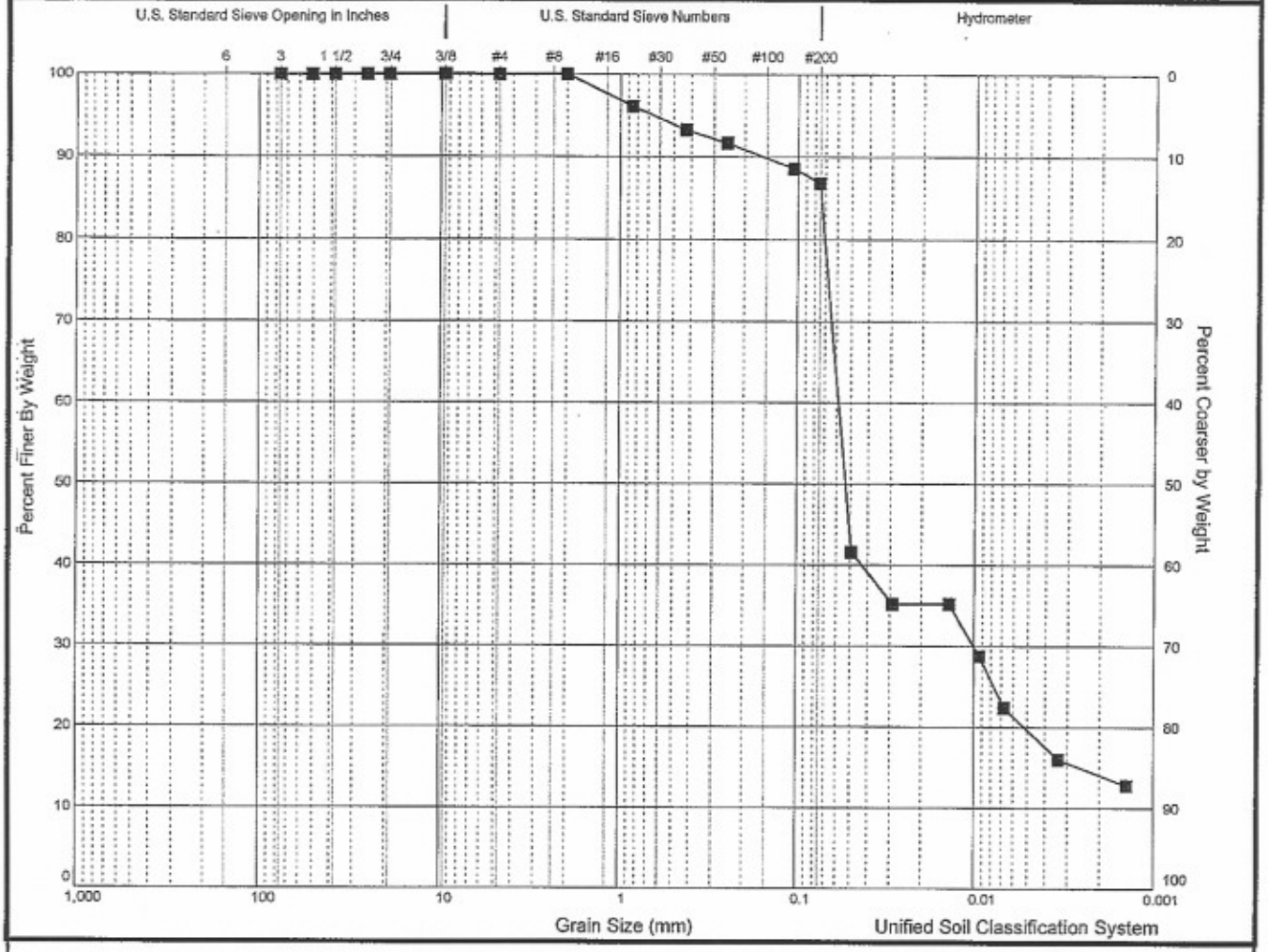
NP=No plastic limit

Company: Woods Hole Group Environmental Labs
Address: 375 Paramount Drive, Suite 2
Raynham Massachusetts 02767
Country: United States
Telephone: 508.822.9300 **Fax:** 508.822.3288

USCS GRAIN-SIZE DISTRIBUTION

Project No.: 0502061 **Borehole:** 0502061-06
Project Name: Silver Lake
Location: PW 6 Comp Sediment
Soil Counter: 553814834 **Sample ID:** 0502061-06
Depth: ft

GRAINSIZE DISTRIBUTION



% Coarse	% Sand	% Silt	% Clay
0.0%	13.9%	63.9%	22.1%

LL	PL	PI	D60 (mm)	D50 (mm)	D30 (mm)	D20 (mm)	D10 (mm)	Cc	Cu
			0.1	0.1	0.0	0.0	0.0	359.0	2955.5

Soil Description	USCS	USDA

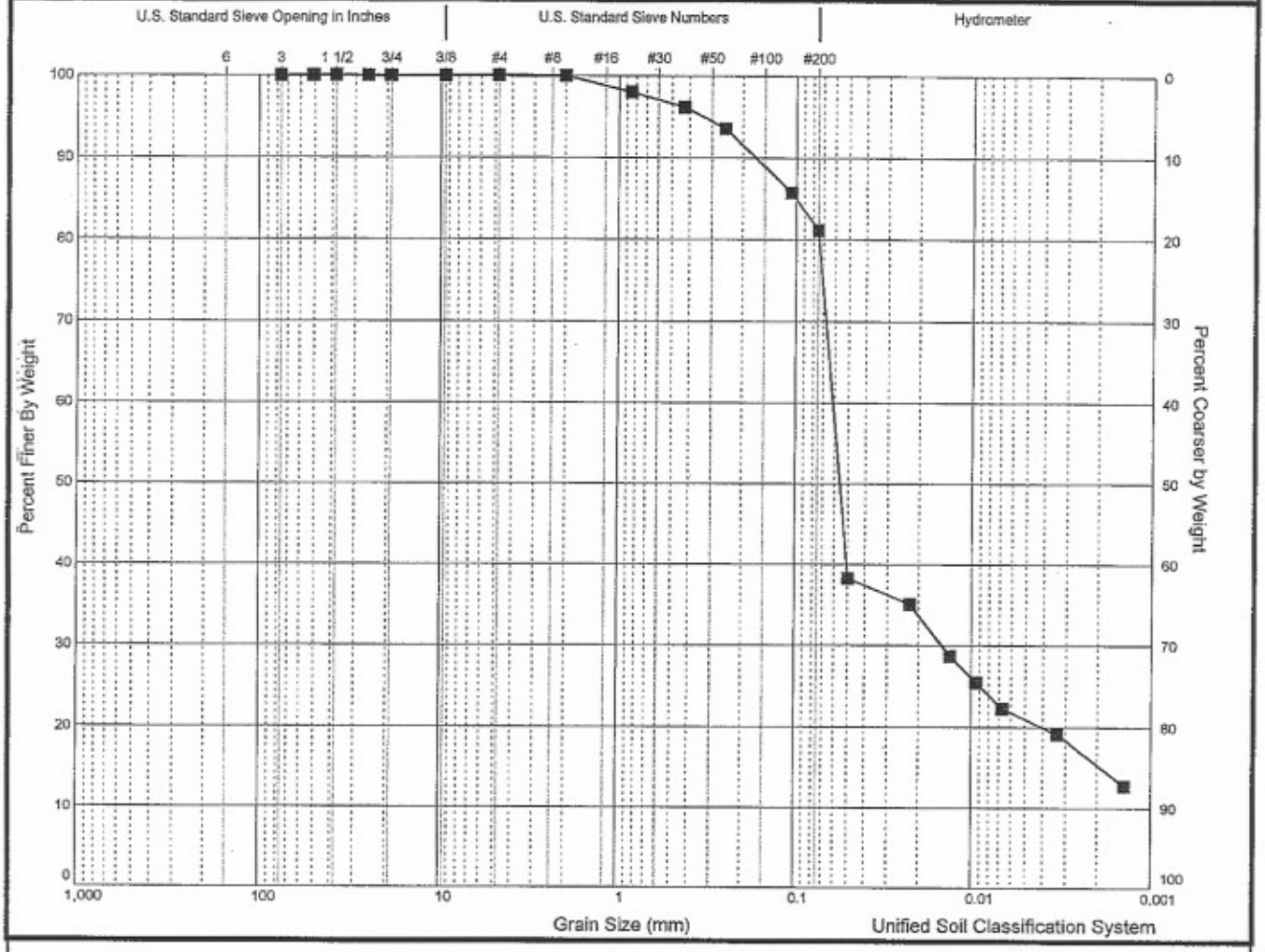
NP=No plastic limit

Company: Woods Hole Group Environmental Labs
Address: 375 Paramount Drive, Suite 2
Raynham Massachusetts 02767
Country: United States
Telephone: 508.822.9300 **Fax:** 508.822.3288

USCS GRAIN-SIZE DISTRIBUTION

Project No.: 0502061 **Borehole:** 0502061-07
Project Name: Silver Lake
Location: PW 7 Comp Sediment
Soil Counter: 730614980 **Sample ID:** 0502061-07
Depth: ft

GRAINSIZE DISTRIBUTION



% Coarse	% Sand	% Silt	% Clay
0.1%	26.1%	51.9%	21.9%

LL	PL	PI	D60 (mm)	D50 (mm)	D30 (mm)	D20 (mm)	D10 (mm)	Cc	Cu
			0.1	0.1	0.0	0.0	0.0	363.8	2455.6

Soil Description	USCS	USDA

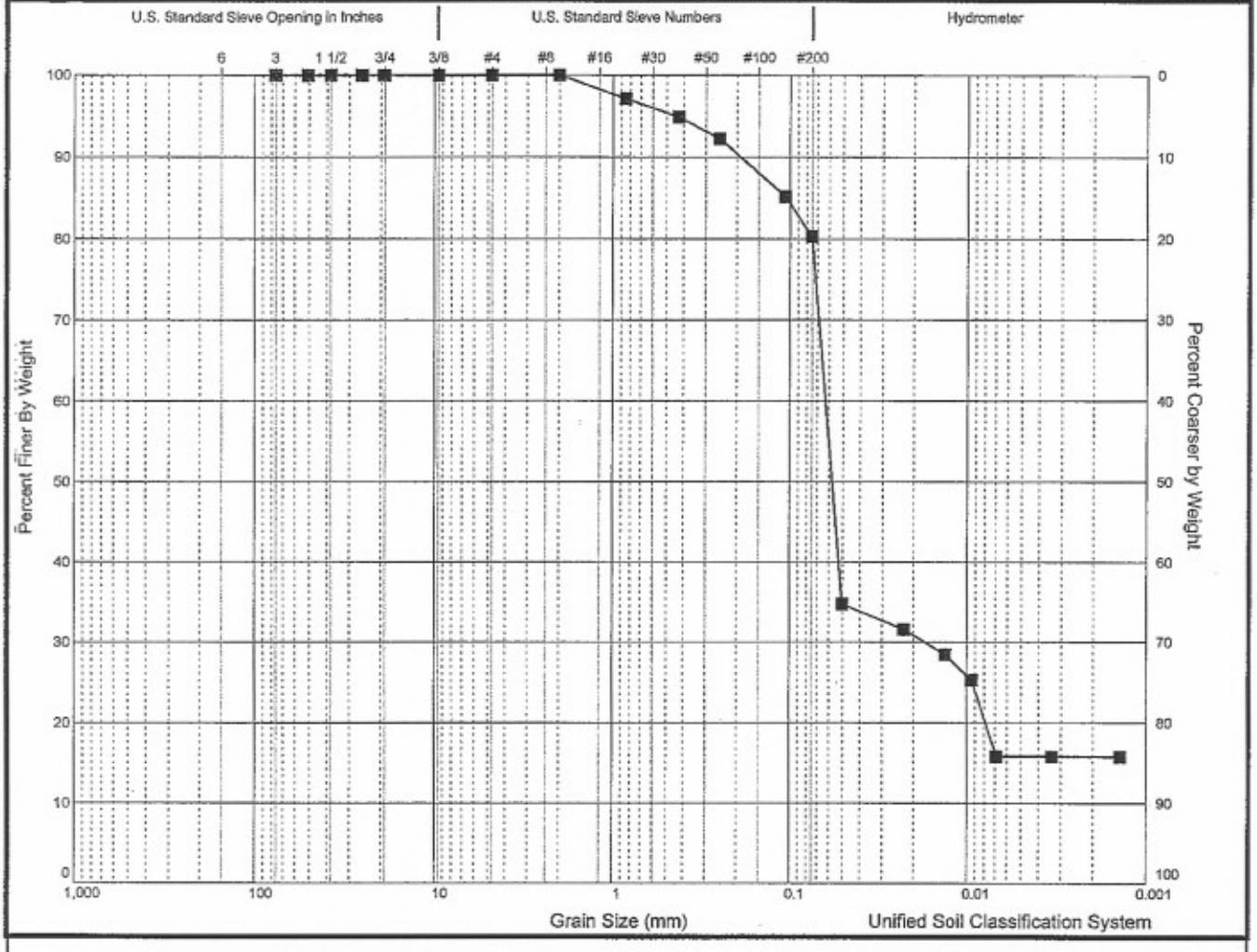
NP=No plastic limit

Company: Woods Hole Group Environmental Labs
Address: 375 Paramount Drive, Suite 2
Raynham Massachusetts 02767
Country: United States
Telephone: 508.822.9300 **Fax:** 508.822.3288

USCS GRAIN-SIZE DISTRIBUTION

Project No.: 0502061 **Borehole:** 0502061-08
Project Name: Silver Lake
Location: PW 8 Comp Sediment
Soil Counter: 672355386 **Sample ID:** 0502061-08
Depth: ft

GRAINSIZE DISTRIBUTION



% Coarse	% Sand	% Silt	% Clay
0.1%	19.6%	59.9%	20.4%

LL	PL	PI	D60 (mm)	D50 (mm)	D30 (mm)	D20 (mm)	D10 (mm)	Cc	Cu
			0.1	0.1	0.0	0.0	0.0	577.6	2350.8

Soil Description	USCS	USDA

NP=No plastic limit

Company: Woods Hole Group Environmental Labs
Address: 375 Paramount Drive, Suite 2
Raynham Massachusetts 02767
Country: United States
Telephone: 508.822.9300 **Fax:** 508.822.3288

USCS GRAIN-SIZE DISTRIBUTION

Project No.: 0502061 **Borehole:** 0502061-09
Project Name: Silver Lake
Location: PW DUP Comp Sediment
Soil Counter: 666456540 **Sample ID:** 0502061-09
Depth: ft

ITEM 21
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
MARCH 2005

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

a. Activities Undertaken/Completed

General

- Conducted routine groundwater elevation and NAPL monitoring.
- Initiated semi-annual NAPL bailing round.
- Conducted drum sampling at Building 78 of monitoring well purge water collected during the last sampling event.

East Street Area 1-North and South:

- Continued automated groundwater and NAPL pumping at North Side and South Side Caissons. A total of approximately 1.0 gallon of LNAPL was removed from the North Side Caisson and approximately 1.0 gallon of LNAPL was removed from the South Side Caisson in March.

East Street Area 2-South:

- Continued automated groundwater and LNAPL removal activities. A total of approximately 5,610,474 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 1,180 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 64 gallons of DNAPL from pumping system RW-3(X).
- Continued routine well monitoring and manual NAPL removal activities. Approximately 8.75 liters (2.3 gallons) of LNAPL were removed from wells in this area during March.
- Treated/discharged 5,240,466 gallons of water through 64G Groundwater Treatment Facility.
- Installed three new LNAPL monitoring wells (GMA1-19, GMA1-20, and GMA1-21) in former Scrap Yard Area down gradient of wells GMA1-15 and GMA1-16.

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
MARCH 2005

a. Activities Undertaken/Completed (cont'd)

East Street Area 2-North:

- Continued routine well monitoring and NAPL removal activities. Approximately 0.42 liter (0.11 gallon) of LNAPL and approximately 0.26 liter (0.07 gallon) of DNAPL were removed from wells in this area during March.

20s, 30s, and 40s Complexes:

- Continued routine well monitoring and manual NAPL removal activities. Approximately 0.20 liter (0.05 gallon) of LNAPL was recovered from wells in this area during March.

- Continued to monitor LNAPL within the hydraulic piston cylinder of Building 43 elevator shaft; no recoverable quantities were encountered.

Lyman Street Area:

- Continued automated groundwater and NAPL removal activities. Approximately 5.0 gallons of LNAPL were removed from System RW-3.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 1.06 liters (0.28 gallon) of LNAPL and 2.62 liters (0.69 gallon) of DNAPL were removed from wells in this area.

Newell Street Area II:

- Continued automated DNAPL recovery, with the collection of approximately 33.5 gallons of DNAPL from the automated collection systems.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 3.84 liters (1.01 gallons) of DNAPL were removed from wells in this area during March.

Silver Lake Area:

- Continued routine monitoring of staff gauge in lake.

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
MARCH 2005

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted proposal to: (a) conduct DNAPL recovery tests to support an upgrade of Newell Street Area II DNAPL recovery systems; and (b) decommission selected monitoring wells in conjunction with upcoming soil-related remediation actions in this area (March 16, 2005).

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

- Continue routine monitoring activities.
- Develop newly installed LNAPL monitoring wells.
- Complete semi-annual NAPL bailing round and conduct groundwater elevation and NAPL monitoring rounds.
- Perform LNAPL sampling and recovery testing at selected wells in East Street Area 2-South.
- Decommission selected monitoring wells, conduct DNAPL recovery tests, and submit proposal to upgrade DNAPL recovery systems, all in accordance with GE's March 16, 2005 proposal, following EPA approval of that proposal.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 21-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Building 78 Purgewater Drum Sampling	BLDG78-C0532-WATER-1	2/14/05	Water	SGS	VOC, SVOC, Total RCRA Metals	3/2/05
Building 78 Purgewater Drum Sampling	BLDG78-F0467-WATER-1	2/14/05	Water	SGS	PCB, VOC, SVOC, Total RCRA Metals	3/2/05
Building 78 Purgewater Drum Sampling	BLDG78-F0468-WATER-1	2/14/05	Water	SGS	PCB, VOC, SVOC, Total RCRA Metals	3/2/05

TABLE 21-2
DATA RECEIVED DURING MARCH 2005

BUILDING 78 PURGEWATER DRUM SAMPLING
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	BLDG78-C0532-WATER-1 02/14/05	BLDG78-F0467-WATER-1 02/14/05	BLDG78-F0468-WATER-1 02/14/05
Volatile Organics			
None Detected	--	--	--
PCBs-Unfiltered			
Aroclor-1254	NA	0.00011	ND(0.000065)
Aroclor-1260	NA	0.000035 J	ND(0.000065)
Total PCBs	NA	0.000145	ND(0.000065)
Semivolatile Organics			
None Detected	--	--	--
Inorganics-Unfiltered			
Barium	0.170	0.130	0.0160
Cadmium	0.00210	0.00180	0.00180
Chromium	0.00990	0.00960	0.00490 B
Lead	0.0450	0.0320	ND(0.00500)
Mercury	0.0000900 B	0.0000900 B	0.0000400 B
Silver	ND(0.00500)	ND(0.00500)	0.00100 B

Notes:

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

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles)

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

Inorganics

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

TABLE 21-3
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
March 2005

Caisson	Month	Vol. LNAPL Collected (gallon)	Vol. Water Recovered (gallon)	Percent Downtime
Northside	March 2004	0.0	22,500	0.27 - Power Outage
	April 2004	1.0	29,100	
	May 2004	0.0	22,300	
	June 2004	4.3	28,500	
	July 2004	4.4	16,700	
	August 2004	2.0	16,300	
	September 2004	4.0	24,300	
	October 2004	0.0	25,000	0.30
	November 2004	0.0	18,300	0.31 - Power Outage
	December 2004	35.0	32,200	
	January 2005	2.0	32,600	
	February 2005	3.0	24,700	
	March 2005	1.0	34,700	
Southside	March 2004	0.0	68,200	0.27 - Power Outage
	April 2004	1.0	74,600	
	May 2004	0.0	71,500	
	June 2004	0.0	75,300	
	July 2004	4.4	67,100	
	August 2004	0.0	67,300	
	September 2004	0.0	102,700	
	October 2004	2.0	82,700	0.30
	November 2004	2.0	69,600	0.31 - Power Outage
	December 2005	4.0	98,300	
	January 2005	1.0	77,400	
	February 2005	1.0	76,500	
	March 2005	1.0	98,200	

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
March 2005

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA 1 - East Street Area 1 - North									
North Caisson	997.84	3/2/2005	18.28	18.20	0.08	---	19.80	0.00	979.63
North Caisson	997.84	3/10/2005	13.30	13.28	0.02	---	19.80	0.00	984.56
North Caisson	997.84	3/16/2005	18.13	18.12	0.01	---	19.80	0.00	979.72
North Caisson	997.84	3/24/2005	18.12	18.12	0.00	---	19.80	0.00	979.72
North Caisson	997.84	3/31/2005	18.48	18.46	0.02	---	19.80	0.00	979.38
GMA 1 - East Street Area 1 - South									
South Caisson	1001.11	3/2/2005	14.38	14.37	0.01	---	15.00	0.00	986.74
South Caisson	1001.11	3/10/2005	14.55	14.52	0.03	---	15.00	0.00	986.59
South Caisson	1001.11	3/16/2005	14.40	14.38	0.02	---	15.00	0.00	986.73
South Caisson	1001.11	3/24/2005	14.30	14.26	0.04	---	15.00	0.00	986.85
South Caisson	1001.11	3/31/2005	14.45	14.44	0.01	---	15.00	0.00	986.67

Notes:

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

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
March 2005

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
40R	March 2004	0		0.27 - Power Outage
	April 2004	0		
	May 2004	0		
	June 2004	0		
	July 2004	0		
	August 2004	0		
	September 2004	0		
	October 2004	0		0.30 - Power Outage
	November 2004	0		0.31 - Power Outage
	December 2004	0		
	January 2005	0		
	February 2005	0		
	March 2005	0		
64R	March 2004	325	897,300	0.94 - Power Outage
	April 2004	975	705,000	
	May 2004	125	629,500	
	June 2004	736	923,500	
	July 2004	380	693,900	
	August 2004	250	330,800	
	September 2004	350	675,600	
	October 2004	175	472,200	0.30 - Power Outage
	November 2004	150	566,100	0.31 - Power Outage
	December 2004	350	630,500	
	January 2005	575	357,900	
	February 2005	400	228,400	
	March 2005	175	292,400	
64S System	March 2004	1,271	802,349	1.88 - Power Outage
	April 2004	1,374	947,810	
	May 2004	1,045	1,062,518	
	June 2004	772	968,659	
	July 2004	154	349,705	
	August 2004	230	240,781	
	September 2004	479	681,275	
	October 2004	324	1,034,272	0.30 - Power Outage
	November 2004	625	902,053	0.31 - Power Outage
	December 2004	91	1,147,526	
	January 2005	75	844,225	
	February 2005	97	821,010	
	March 2005	282	905,525	
64V [1]	March 2004	1,173	1,370,200	0.27 - Power Outage
	April 2004	1,598	1,212,000	
	May 2004	933	1,313,100	
	June 2004	879	1,444,400	
	July 2004	773	940,100	
	August 2004	772	875,900	
	September 2004	1,170	1,385,900	
	October 2004	920	1,221,100	0.30 - Power Outage
	November 2004	551	1,108,200	0.31 - Power Outage
	December 2004	832	1,460,100	
	January 2005	747	1,103,300	
	February 2005	622	1,095,400	
	March 2005	675	1,342,900	

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
March 2005

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64X	March 2004	4	504,000	0.27 - Power Outage
	April 2004	0	388,800	
	May 2004	10	403,200	
	June 2004	5	518,400	
	July 2004	10	403,200	
	August 2004	31	388,800	
	September 2004	51	518,400	
	October 2004	5	403,200	0.30 - Power Outage
	November 2004	10	388,800	0.31 - Power Outage
	December 2004	10	518,400	
	January 2005	5	388,800	
	February 2005	5	403,200	
	March 2005	5	532,800	
RW-2(X)	March 2004	0	644,300	0.27 - Power Outage
	April 2004	0	518,200	
	May 2004	0	427,200	
	June 2004	0	458,500	
	July 2004	0	1,029,700	
	August 2004	0	1,020,000	
	September 2004	0	1,138,800	0.93
	October 2004	0	911,800	0.30 - Power Outage
	November 2004	0	836,300	0.31 - Power Outage
	December 2004	0	1,111,700	
	January 2005	0	822,500	
	February 2005	0	825,200	
	March 2005	0	1,019,600	
RW-1(S) [2]	March 2004	31	1,114,375	0.27 - Power Outage
	April 2004	76	1,012,477	
	May 2004	36	1,056,169	
	June 2004	419	1,108,600	
	July 2004	196	669,474	
	August 2004	158	709,815	
	September 2004	159	914,647	9.72
	October 2004	1	1,092,740	0.30 - Power Outage
	November 2004	0	977,271	0.31 - Power Outage
	December 2004	11	1,362,634	0.35 - Maintenance
	January 2005	50	998,655	
	February 2005	41	934,203	
	March 2005	43	1,117,949	
RW-1(X)	March 2004	1	502,100	0.27 - Power Outage
	April 2004	0	387,100	
	May 2004	0	397,200	
	June 2004	5	453,900	
	July 2004	0	363,900	
	August 2004	0	473,200	
	September 2004	10	500,500	
	October 2004	0	501,400	0.30 - Power Outage
	November 2004	0	402,900	0.31 - Power Outage
	December 2004	0	443,700	4.17 - Maintenance
	January 2005	0	389,000	
	February 2005	0	330,400	
	March 2005	0	399,300	

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
March 2005

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
RW-3(X)	March 2004	75		0.27 - Power Outage
	April 2004	79		
	May 2004	55		
	June 2004	169		
	July 2004	57		
	August 2004	47		
	September 2004	67		
	October 2004	52		0.30 - Power Outage
	November 2004	46		0.31 - Power Outage
	December 2004	66		
	January 2005	53		
	February 2005	37		
	March 2005	64		

Summary of Total Automated Removal		
Water:	**5,610,474**	**Gallons**
LNAPL:	**1,180**	**Gallons**
DNAPL:	**64**	**Gallons**

Notes:

1. The flow meter at recovery well 64V was reset in December 2004.
2. The flow meter at recovery well RW-1(S) was reset in February 2005.

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
March 2005

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	March 2005 Removal (liters)
CC	3/29/2005	18.90	18.88	0.02	0.012	0.012
FF	3/29/2005	24.77	24.76	0.01	0.006	0.006
II	3/29/2005	26.70	26.41	0.29	0.179	0.179
05-N	3/29/2005	24.47	24.44	0.03	0.019	0.019
14-N	3/29/2005	23.49	22.93	0.56	0.345	0.345
16-N	3/29/2005	30.31	30.25	0.06	0.037	0.037
17-N	3/29/2005	30.03	30.01	0.02	0.012	0.012
23-N	3/29/2005	30.48	30.46	0.02	0.012	0.012
02	3/28/2005	17.39	17.23	0.16	0.099	0.099
25R	3/28/2005	24.20	19.95	4.25	2.622	2.622
26RR	3/29/2005	22.30	21.50	0.80	0.494	0.494
29	3/28/2005	18.00	17.84	0.16	0.099	0.099
43	3/28/2005	14.57	14.56	0.01	0.006	0.006
47	3/28/2005	18.65	17.26	1.39	0.858	0.858
48	3/28/2005	16.84	15.27	1.57	0.969	0.969
50	3/28/2005	10.40	9.90	0.50	0.308	0.308
55	3/28/2005	16.70	16.05	0.65	0.401	0.401
58	3/28/2005	12.80	12.55	0.25	0.154	0.154
95-04	3/28/2005	16.20	13.90	2.30	0.357	0.357
95-05	3/28/2005	15.40	15.20	0.20	0.123	0.123
95-07	3/28/2005	22.90	18.80	4.10	0.636	0.636
GMA1-15	3/28/2005	15.40	14.52	0.88	0.543	0.543
GMA1-16	3/28/2005	12.90	12.48	0.42	0.259	0.259
GMA1-17W	3/28/2005	16.35	15.05	1.30	0.802	0.802
M-R	3/28/2005	19.29	19.26	0.03	0.02	0.019

Total LNAPL Removal East Street Area 2 - South for March 2005: 8.748 liters
2.308 gallons

Total LNAPL Removal East Street Area 2 - North for March 2005: 0.425 liters
0.112 gallons

Total LNAPL Removal 20's, 30's & 40's Complexs for March 2005: 0.198 liters
0.052 gallons

Total LNAPL Removal for March 2005: 9.370 liters
2.472 gallons

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

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2005

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	March 2005 Removal (liters)
05-N	3/29/2005	24.47	27.10	0.43	0.265	0.265

Total DNAPL Removal East Street Area 2 - South for March 2005: 0.000 liters
0.000 gallons

Total DNAPL Removal East Street Area 2 - North for March 2005: 0.265 liters
0.070 gallons

Total DNAPL Removal 20's, 30's & 40's Complexs for March 2005: 0.000 liters
0.000 gallons

Total DNAPL Removal for March 2005: 0.265 liters
0.070 gallons

Note:

1. ft BMP - feet Below Measuring Point.

TABLE 21-8
64G TREATMENT PLANT DISCHARGE DATA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2005

Date	Housatonic River Discharge (gallons)	Recharge Pond Discharge (gallons)	Total Discharge (gallons)
March 2004	5,462,280	112,985	5,575,265
April 2004	5,406,760	169,598	5,576,358
May 2004	5,678,620	236,862	5,915,482
June 2004	4,709,390	350,668	5,060,058
July 2004	4,585,370	316,805	4,902,175
August 2004	4,844,107	310,199	5,154,306
September 2004	5,075,190	248,505	5,323,695
October 2004	6,097,384	260,847	6,358,231
November 2004	5,521,300	180,462	5,701,762
December 2004	5,656,177	152,428	5,808,605
January 2005	5,650,380	112,791	5,763,171
February 2005	4,576,005	195,380	4,771,385
March 2005	235,153	5,005,313	5,240,466

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 21-9
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
March 2005

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
20's Complex									
CC	998.84	3/29/2005	18.90	18.88	0.02	---	27.20	0.00	979.96
EE	1,004.27	3/29/2005	24.18	---	0.00	---	33.65	0.00	980.09
FF	1,005.70	3/29/2005	24.77	24.76	0.01	---	32.75	0.00	980.94
II	1,007.26	3/29/2005	26.70	26.41	0.29	---	31.66	0.00	980.83
U	998.89	3/29/2005	Buried Under Ice & Snow						NA
40s Complex									
Bldg. 43 Elev.	NA	2/28/2005	27.88	27.87	0.01	---	61.69	0.00	NA
Bldg. 43 Elev.	NA	3/7/2005	27.90	27.89	0.01	---	61.69	0.00	NA
Bldg. 43 Elev.	NA	3/14/2005	27.92	27.91	0.01	---	61.69	0.00	NA
Bldg. 43 Elev.	NA	3/21/2005	27.99	27.98	0.01	---	61.69	0.00	NA
East Street Area 2 - North									
05-N	1,009.23	3/29/2005	24.47	24.44	0.03	27.10	27.53	0.43	984.79
11-N	1,010.85	3/29/2005	30.23	---	0.00	---	35.62	0.00	980.62
14-N	1,010.53	3/29/2005	23.49	22.93	0.56	---	30.35	0.00	987.56
16-N	1,010.65	3/29/2005	30.31	30.25	0.06	---	37.42	0.00	980.40
17-N	1,010.49	3/29/2005	30.03	30.01	0.02	---	38.83	0.00	980.48
23-N	1,011.13	3/29/2005	30.48	30.46	0.02	---	38.33	0.00	980.67
24-N	1,010.50	3/29/2005	29.63	---	0.00	---	35.93	0.00	980.87
East Street Area 2 - South									
02	995.64	3/28/2005	17.39	17.23	0.16	---	23.36	0.00	978.40
05	996.10	3/28/2005	13.75	---	0.00	---	23.42	0.00	982.35
09R	986.88	3/28/2005	13.00	---	0.00	---	19.59	0.00	973.88
13	990.88	3/28/2005	Well is frozen						NA
14	991.61	3/28/2005	Well is frozen						NA
15R	989.23	3/28/2005	Buried Under Sand & Debris						NA
25R	998.31	3/28/2005	24.20	19.95	4.25	---	30.82	0.00	978.06
26RR	1,000.58	3/29/2005	22.30	21.50	0.80	---	28.55	0.00	979.02
28	991.86	3/28/2005	10.67	---	0.00	---	21.70	0.00	981.19
29	991.59	3/28/2005	18.00	17.84	0.16	---	22.16	0.00	973.74
30	989.34	3/28/2005	Buried Under Ice and Gravel						
34	982.54	3/28/2005	7.70	---	0.00	---	10.98	0.00	974.84
35	982.81	3/28/2005	8.85	---	0.00	---	12.14	0.00	973.96
40R	991.60	3/2/2005	15.30	---	0.00	---	25.00	0.00	976.30
40R	991.60	3/10/2005	15.50	---	0.00	---	25.00	0.00	976.10
40R	991.60	3/16/2005	17.40	---	0.00	---	25.00	0.00	974.20
40R	991.60	3/24/2005	15.80	---	0.00	---	25.00	0.00	975.80
40R	991.60	3/31/2005	15.80	---	0.00	---	25.00	0.00	975.80
43	989.67	3/28/2005	14.57	14.56	0.01	---	22.50	0.00	975.11
47	991.09	3/28/2005	18.65	17.26	1.39	---	23.02	0.00	973.73
48	992.39	3/28/2005	16.84	15.27	1.57	---	22.66	0.00	977.01
50	985.79	3/28/2005	10.40	9.90	0.50	---	23.45	0.00	975.86
55	989.45	3/28/2005	16.70	16.05	0.65	---	30.05	0.00	973.35

TABLE 21-9
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
March 2005

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)
58	985.79	3/28/2005	12.80	12.55	0.25	---	24.50	0.00	973.22
64R	993.37	3/2/2005	16.55	16.53	0.02	---	19.00	0.00	976.84
64R	993.37	3/10/2005	16.65	16.64	0.01	---	19.00	0.00	976.73
64R	993.37	3/16/2005	16.61	16.60	0.01	---	19.00	0.00	976.77
64R	993.37	3/24/2005	16.02	16.01	0.01	---	19.00	0.00	977.36
64R	993.37	3/31/2005	17.21	17.05	0.16	---	19.00	0.00	976.31
64S	984.48	3/2/2005	19.11	---	0.00	---	28.70	0.00	965.37
64S	984.48	3/10/2005	19.09	---	0.00	---	28.70	0.00	965.39
64S	984.48	3/16/2005	19.10	---	0.00	---	28.70	0.00	965.38
64S	984.48	3/24/2005	18.90	---	0.00	---	28.70	0.00	965.58
64S	984.48	3/31/2005	17.35	---	0.00	---	28.70	0.00	967.13
64S-Caisson	NA	3/2/2005	10.05	9.90	0.15	---	14.55	0.00	NA
64S-Caisson	NA	3/10/2005	10.10	9.95	0.15	---	14.55	0.00	NA
64S-Caisson	NA	3/16/2005	10.00	9.93	0.07	---	14.55	0.00	NA
64S-Caisson	NA	3/24/2005	10.10	10.02	0.08	---	14.55	0.00	NA
64S-Caisson	NA	3/31/2005	10.05	9.85	0.20	---	14.55	0.00	NA
64V	987.29	3/2/2005	22.00	21.50	0.50	29.50	29.60	0.10	965.76
64V	987.29	3/10/2005	22.10	21.40	0.70	29.50	29.60	0.10	965.84
64V	987.29	3/16/2005	21.70	21.30	0.40	29.40	29.60	0.20	965.96
64V	987.29	3/24/2005	22.60	22.20	0.40	P	29.60	< 0.01	965.06
64V	987.29	3/31/2005	21.85	21.50	0.35	29.50	29.60	0.10	965.77
64X(N)	984.83	3/2/2005	11.60	11.50	0.10	---	15.85	0.00	973.32
64X(N)	984.83	3/10/2005	11.50	11.40	0.10	---	15.85	0.00	973.42
64X(N)	984.83	3/16/2005	11.90	11.75	0.15	---	15.85	0.00	973.07
64X(N)	984.83	3/24/2005	11.78	11.65	0.13	---	15.85	0.00	973.17
64X(N)	984.83	3/31/2005	9.65	9.50	0.15	---	15.85	0.00	975.32
64X(S)	981.56	3/2/2005	14.20	P	< 0.01	---	23.82	0.00	967.36
64X(S)	981.56	3/10/2005	14.18	P	< 0.01	---	23.82	0.00	967.38
64X(S)	981.56	3/16/2005	14.50	P	< 0.01	---	23.82	0.00	967.06
64X(S)	981.56	3/24/2005	14.36	P	< 0.01	---	23.82	0.00	967.20
64X(S)	981.56	3/31/2005	12.30	P	< 0.01	---	23.82	0.00	969.26
64X(W)	984.87	3/2/2005	17.50	17.49	0.01	---	24.35	0.00	967.38
64X(W)	984.87	3/10/2005	17.41	17.38	0.03	---	24.35	0.00	967.49
64X(W)	984.87	3/16/2005	17.73	17.68	0.05	---	24.35	0.00	967.19
64X(W)	984.87	3/24/2005	17.60	17.58	0.02	---	24.35	0.00	967.29
64X(W)	984.87	3/31/2005	15.61	15.58	0.03	---	24.35	0.00	969.29
95-04	988.70	3/28/2005	16.20	13.90	2.30	---	21.75	0.00	974.64
95-05	989.45	3/28/2005	15.40	15.20	0.20	---	20.10	0.00	974.24
95-07	994.91	3/28/2005	22.90	18.80	4.10	---	29.42	0.00	975.82
ES2-06	986.00	3/28/2005	12.36	---	0.00	---	34.36	0.00	973.64
GMA1-14	997.43	3/28/2005	18.78	---	0.00	---	23.58	0.00	978.65
GMA1-15	988.59	3/28/2005	15.40	14.52	0.88	---	17.84	0.00	974.01
GMA1-16	986.82	3/28/2005	12.90	12.48	0.42	---	20.01	0.00	974.31

TABLE 21-9
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
March 2005

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)
GMA1-17W	992.63	3/28/2005	16.35	15.05	1.30	---	23.29	0.00	977.49
GMA1-19	NA	3/30/2005	9.65	---	0.00	---	17.59	0.00	NA
GMA1-19	NA	3/31/2005	9.86	---	0.00	---	17.59	0.00	NA
GMA1-20	NA	3/30/2005	8.25	---	0.00	---	17.78	0.00	NA
GMA1-20	NA	3/31/2005	8.39	---	0.00	---	17.78	0.00	NA
GMA1-21	NA	3/30/2005	11.68	---	0.00	---	17.37	0.00	NA
GMA1-21	NA	3/31/2005	10.55	---	0.00	---	17.37	0.00	NA
HR-C-RW-1	NA	3/29/2005	2.35	---	0.00	---	22.73	0.00	NA
HR-G2-RW-1	976.88	3/29/2005	2.41	---	0.00	---	18.70	0.00	975.08
M-R	998.19	3/28/2005	19.29	19.26	0.03	---	29.23	0.00	978.93
P3	989.25	3/28/2005	4.34	---	0.00	---	13.14	0.00	984.91
RW-1(S)	987.23	3/2/2005	18.00	17.80	0.20	---	28.60	0.00	969.42
RW-1(S)	987.23	3/10/2005	19.00	17.90	1.10	P	28.60	< 0.01	969.25
RW-1(S)	987.23	3/16/2005	18.30	17.70	0.60	---	28.60	0.00	969.49
RW-1(S)	987.23	3/24/2005	19.00	18.90	0.10	---	28.60	0.00	968.32
RW-1(S)	987.23	3/31/2005	12.20	11.85	0.35	---	28.60	0.00	975.36
RW-1(X)	982.68	3/2/2005	13.30	---	0.00	---	20.80	0.00	969.38
RW-1(X)	982.68	3/10/2005	13.80	---	0.00	---	20.80	0.00	968.88
RW-1(X)	982.68	3/16/2005	13.75	---	0.00	---	20.80	0.00	968.93
RW-1(X)	982.68	3/24/2005	13.80	---	0.00	---	20.80	0.00	968.88
RW-1(X)	982.68	3/31/2005	9.10	---	0.00	---	20.80	0.00	973.58
RW-2(X)	985.96	3/2/2005	12.88	---	0.00	---	15.30	0.00	973.08
RW-2(X)	985.96	3/10/2005	12.76	---	0.00	---	15.30	0.00	973.20
RW-2(X)	985.96	3/16/2005	13.15	---	0.00	---	15.30	0.00	972.81
RW-2(X)	985.96	3/24/2005	12.90	---	0.00	---	15.30	0.00	973.06
RW-2(X)	985.96	3/31/2005	10.80	---	0.00	---	15.30	0.00	975.16
RW-3(X)	980.28	3/2/2005	8.30	---	0.00	41.70	44.40	2.70	971.98
RW-3(X)	980.28	3/10/2005	8.30	---	0.00	41.88	44.40	2.52	971.98
RW-3(X)	980.28	3/16/2005	8.40	---	0.00	41.70	44.40	2.70	971.88
RW-3(X)	980.28	3/24/2005	6.30	---	0.00	42.45	44.40	1.95	973.98
RW-3(X)	980.28	3/31/2005	6.50	---	0.00	43.80	44.40	0.60	973.78
Housatonic River									
SG-HR-1	990.73	3/4/2005	18.72	See Note 6 regarding depth to water					972.01
SG-HR-1	990.73	3/11/2005	18.65	See Note 6 regarding depth to water					972.08
SG-HR-1	990.73	3/18/2005	18.81	See Note 6 regarding depth to water					971.92
SG-HR-1	990.73	3/24/2005	18.48	See Note 6 regarding depth to water					972.25

TABLE 21-9
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
March 2005

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Housatonic River (Temp Mon Pt.)	NA	---	---	See Note 7 regarding depth to water					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. P indicates that LNAPL is present at a thickness that is < 0.01 feet, the corresponding thickness is recorded as such.
5. Well HR-G2-RW-1 is constructed at an angle of 41.67 degrees from vertical. Depth to water data reflect measurements collected along the angled well casing. Groundwater elevations are corrected to account for the angle of the well casing.
6. A survey reference point (SG-HR-1) was established on the Newell Street Bridge. The "Depth to Water" value(s) provided in the above table refer to the vertical distance from the surveyed reference point to the
7. A data logger has been placed at this location. Data are collected and subsequently presented in the Semi-Annual GMA 1 Baseline Groundwater Monitoring Reports.

TABLE 21-10
ACTIVE RECOVERY SYSTEMS MONTHLY SUMMARY
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2005

Month / Year	Volume Water Pumped (gallon)	RW-1 DNAPL Recovered (gallon)	RW-1R LNAPL Recovered (gallon)	RW-3 LNAPL Recovered (gallon)
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
May 2004	307,361	--	--	--
June 2004	410,230	--	--	--
July 2004	328,363	--	--	--
August 2004	310,473	--	--	--
September 2004	499,209	--	1	20
October 2004	426,078	--	--	--
November 2004	421,409	--	--	12
December 2004	539,528	--	--	10
January 2005	443,634	--	--	10
February 2005	409,113	--	--	5
March 2005	455,192	0	0	5

Notes:
1. Volume of water pumped is total from Wells RW-1R, RW-2, and RW-3.
2. -- indicates LNAPL or DNAPL was not recovered by the system.
3. There was approximately 5% downtime during March 2005.

TABLE 21-11
MEASUREMENT AND REMOVAL OF RECOVERABLE LNAPL
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2005

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	March 2005 Removal (liters)
LS-21	3/30/2005	9.30	8.95	0.35	0.216	0.216
LS-23	3/30/2005	10.23	10.14	0.09	0.056	0.056
LS-35	3/30/2005	13.80	12.61	1.19	0.734	0.734
LSSC-06	3/30/2005	8.87	8.78	0.09	0.056	0.056

Total Manual LNAPL Removal for March 2005: 1.061 liters
0.280 gallons

Note:

1. ft BMP - feet Below Measuring Point.

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2005

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	March 2005 Removal (liters)
LS-04	3/30/2005	10.18	17.68	0.46	0.284	0.284
LS-30	3/30/2005	12.80	21.64	0.58	0.358	0.358
LS-31	3/30/2005	12.61	22.65	0.65	0.401	0.401
LS-34	3/30/2005	10.98	27.89	0.65	0.401	0.401
LS-38	3/30/2005	12.65	24.95	0.11	0.068	0.068
LSSC-07	3/4/2005	9.45	24.85	0.23	0.142	0.315
	3/11/2005	9.40	24.80	0.28	0.173	
LSSC-16I	3/30/2005	6.25	28.50	0.04	0.025	0.025
LSSC-34I	3/30/2005	10.17	27.25	1.25	0.771	0.771

Total Manual DNAPL Removal for March 2005: 2.623 liters
0.692 gallons

Note:

1. ft BMP - feet Below Measuring Point.

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2005

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)
LS-04	984.51	3/30/2005	10.18	---	0.00	17.68	18.14	0.46	974.33
LS-13	984.65	3/30/2005	Buried under rock pile						NA
LS-21	983.42	3/30/2005	9.30	8.95	0.35	---	12.48	0.00	974.45
LS-23	984.38	3/30/2005	10.23	10.14	0.09	---	15.30	0.00	974.23
LS-30	986.44	3/30/2005	12.80	---	0.00	21.64	22.22	0.58	973.64
LS-31	987.09	3/30/2005	12.61	---	0.00	22.65	23.30	0.65	974.48
LS-34	985.79	3/30/2005	10.98	---	0.00	27.89	28.54	0.65	974.81
LS-35	986.80	3/30/2005	13.80	12.61	1.19	---	21.65	0.00	974.11
LS-38	986.95	3/30/2005	12.65	---	0.00	24.95	25.06	0.11	974.30
LSSC-06	984.91	3/30/2005	8.87	8.78	0.09	---	19.40	0.00	976.12
LSSC-07	982.48	3/4/2005	9.45	---	0.00	24.85	25.08	0.23	973.03
LSSC-07	982.48	3/11/2005	9.40	---	0.00	24.80	25.08	0.28	973.08
LSSC-07	982.48	3/18/2005	Frozen shut, could not measure						NA
LSSC-07	982.48	3/24/2005	Frozen shut, could not measure						NA
LSSC-07	982.48	3/30/2005	Well iced up, could not measure						NA
LSSC-08I	983.13	3/4/2005	10.78	---	0.00	---	23.39	0.00	972.35
LSSC-08I	983.13	3/11/2005	10.70	---	0.00	---	23.39	0.00	972.43
LSSC-08I	983.13	3/18/2005	9.95	---	0.00	---	23.38	0.00	973.18
LSSC-08I	983.13	3/24/2005	10.55	---	0.00	---	23.38	0.00	972.58
LSSC-08I	983.13	3/30/2005	8.80	---	0.00	---	23.39	0.00	974.33
LSSC-16I	980.88	3/30/2005	6.25	---	0.00	28.50	28.54	0.04	974.63
LSSC-34I	984.74	3/30/2005	10.17	---	0.00	27.25	28.50	1.25	974.57
RW-1	984.88	3/2/2005	11.85	---	0.00	---	21.00	0.00	973.03
RW-1	984.88	3/10/2005	12.07	---	0.00	---	21.00	0.00	972.81
RW-1	984.88	3/16/2005	12.10	---	0.00	P	21.00	< 0.01	972.78
RW-1	984.88	3/24/2005	11.70	---	0.00	P	21.00	< 0.01	973.18
RW-1	984.88	3/31/2005	10.55	---	0.00	P	21.00	< 0.01	974.33
RW-1 (R)	985.07	3/2/2005	15.80	---	0.00	P	20.42	< 0.01	969.27
RW-1 (R)	985.07	3/10/2005	15.70	---	0.00	20.41	20.42	0.01	969.37
RW-1 (R)	985.07	3/16/2005	15.60	---	0.00	P	20.42	< 0.01	969.47
RW-1 (R)	985.07	3/24/2005	15.95	---	0.00	P	20.42	< 0.01	969.12
RW-1 (R)	985.07	3/31/2005	15.10	---	0.00	P	20.42	< 0.01	969.97
RW-2	987.82	3/2/2005	14.90	---	0.00	---	21.75	0.00	972.92
RW-2	987.82	3/10/2005	14.40	---	0.00	---	21.75	0.00	973.42
RW-2	987.82	3/16/2005	15.30	---	0.00	---	21.75	0.00	972.52
RW-2	987.82	3/24/2005	15.10	---	0.00	---	21.75	0.00	972.72
RW-2	987.82	3/31/2005	13.90	---	0.00	---	21.75	0.00	973.92
RW-3	984.08	3/2/2005	16.45	16.38	0.07	---	21.57	0.00	967.70
RW-3	984.08	3/10/2005	16.61	16.51	0.10	---	21.57	0.00	967.56
RW-3	984.08	3/16/2005	16.85	16.65	0.20	---	21.57	0.00	967.42
RW-3	984.08	3/24/2005	15.50	15.30	0.20	---	21.57	0.00	968.77
RW-3	984.08	3/31/2005	16.60	16.50	0.10	---	21.57	0.00	967.57

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2005

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Housatonic River (Lyman Street Bridge)									
BM-2A	986.32	3/4/2005	14.30	See Note 5 regarding depth to water					972.02
BM-2A	986.32	3/11/2005	14.20	See Note 5 regarding depth to water					972.12
BM-2A	986.32	3/18/2005	14.35	See Note 5 regarding depth to water					971.97
BM-2A	986.32	3/24/2005	14.06	See Note 5 regarding depth to water					972.26

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 is present at a thickness that is < 0.01 feet, the corresponding thickness is recorded as such.
5. A survey reference point (BM-2A) was established on the Lyman Street Bridge. The "Depth to Water" value(s) provided in the above table refer to the vertical distance from the surveyed reference point to the

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2005

Recovery System	Date	Total Gallons Recovered
System 1	March 2004	25.3
	April 2004	26.4
	May 2004	16.0
	June 2004	16.5
	July 2004	14.3
	August 2004	14.6
	September 2004	16.5
	October 2004	11.0
	November 2004	15.4
	December 2004	15.4
	January 2005	8.8
	February 2005	13.2
	March 2005	17.3
System 2	March 2004	112.0
	April 2004	320.0
	May 2004	138.8
	June 2004	97.2
	July 2004	16.2
	August 2004	226.0
	September 2004	129.6
	October 2004	78.2
	November 2004	81.0
	December 2004	64.8
	January 2005	157.2
	February 2005	126.9
	March 2005	16.2
Total Automated DNAPL Removal for March 2005:		**33.5 Gallons**

Notes:

1. System 1 wells are NS-15, NS-30, and NS-32.
2. System 2 wells are N2SC-01I, N2SC-03I, and N2SC-14.
3. In January 2005, System 2 malfunctioned during weeks 2 and 3 pumping mostly water. The volume reported for those two weeks is an estimated quantity that is included in the total volume removed.
4. There was no downtime during the month of March 2005.

TABLE 21-15
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

CONSENT DECREE MONTHLY STATUS REPORT
GROUNDWATER MANAGEMENT AREA 1 - NEWELL STREET AREA II
MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL
March 2005

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	March 2005 Removal (liters)
MW-1D	3/30/2005	11.20	39.15	0.38	0.234	0.234
MW-1S	3/30/2005	10.71	24.70	0.57	0.265	0.265
N2SC-02	3/30/2005	9.85	40.48	0.02	0.012	0.012
N2SC-07	3/30/2005	9.30	38.02	0.14	0.086	0.086
N2SC-08	3/30/2005	9.90	40.60	1.98	1.222	1.222
N2SC-09I	3/30/2005	11.50	43.15	0.39	0.241	0.241
N2SC-13I	3/30/2005	8.50	40.35	0.67	1.656	1.656
N2SC-16	3/30/2005	9.64	41.85	0.05	0.124	0.124

Total DNAPL Removal for March 2005: 3.840 liters
1.013 gallons

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

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2005

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)
MW-1D	987.20	3/30/2005	11.20	---	0.00	39.15	39.53	0.38	976.00
MW-1S	986.60	3/30/2005	10.71	---	0.00	24.70	25.27	0.57	975.89
N2SC-02	985.56	3/30/2005	9.85	---	0.00	40.48	40.50	0.02	975.71
N2SC-07	984.61	3/30/2005	9.30	---	0.00	38.02	38.16	0.14	975.31
N2SC-08	986.07	3/30/2005	9.90	---	0.00	40.60	42.58	1.98	976.17
N2SC-09I	987.77	3/30/2005	11.50	---	0.00	43.15	43.54	0.39	976.27
N2SC-13I	984.75	3/30/2005	8.50	---	0.00	40.35	41.02	0.67	976.25
N2SC-16	985.62	3/30/2005	9.64	---	0.00	41.85	41.90	0.05	975.98
NS-10	984.59	3/30/2005	Well Iced Up, unable to measure						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.

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2005

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Staff Gauge within Silver Lake									
Silver Lake Gauge	NA	3/4/2005	4.49	See Note 3 regarding depth to water					NA
Silver Lake Gauge	NA	3/11/2005	4.27	See Note 3 regarding depth to water					NA
Silver Lake Gauge	NA	3/18/2005	4.44	See Note 3 regarding depth to water					NA
Silver Lake Gauge	NA	3/24/2005	4.42	See Note 3 regarding depth to water					NA

Notes:

1. ft BMP - feet Below Measuring Point.
2. NA indicates information not available.
3. 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.
4. 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)
MARCH 2005

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Conduct semi-annual spring 2005 groundwater and river elevation monitoring.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 23
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 2 (GMA 3)
(GECD330)
MARCH 2005

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

a. Activities Undertaken/Completed

- Conducted routine groundwater elevation monitoring and NAPL monitoring/removal activities. Approximately 22.7 liters (6.0 gallons) of LNAPL were removed by the automatic skimmer located in well 51-21 and an additional 12.1 liters (3.2 gallons) of LNAPL were manually removed from the wells in this area (see Table 23-3).

- Initiated semi-annual NAPL bailing round.

- Conducted drum sampling at Building 78 of monitoring well purge water collected during the last sampling event.

- Installed replacement well 111B-R.

- Installed LNAPL monitoring wells GMA3-13 and GMA3-14.

- Initiated installation of replacement well 89D-R.

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 ongoing groundwater and NAPL monitoring and recovery activities, including performance of semi-annual monitoring round.

- Complete installation of replacement monitoring well 89D-R.

- Install replacement well 54B-R.

- Develop all newly installed monitoring wells.

- Conduct spring 2005 groundwater elevation monitoring and sampling event.

ITEM 23
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 2 (GMA 3)
(GECD330)
MARCH 2005

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 23-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
GMA3 Purgewater Drum Sampling	GMA3-A1663-WATER-1	2/14/05	Water	SGS	PCB, VOC, SVOC, Total RCRA Metals	3/1/05
GMA3 Purgewater Drum Sampling	GMA3-B0672-PURGEWATER-1	2/14/05	Water	SGS	PCB, SVOC, Total RCRA Metals	3/1/05
GMA3 Purgewater Drum Sampling	GMA3-F0469-PURGEWATER-1	2/14/05	Water	SGS	PCB, SVOC, Total RCRA Metals	3/1/05

TABLE 23-2
DATA RECEIVED DURING MARCH 2005

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

Parameter / Sample ID: / Date Collected:	GMA3-A1663-WATER-1 02/14/05	GMA3-B0672-PURGEWATER-1 02/14/05	GMA3-F0469-PURGEWATER-1 02/14/05
Volatile Organics			
None Detected	--	NA	NA
PCBs-Unfiltered			
Aroclor-1254	ND(0.000065)	0.000068	0.00026
Total PCBs	ND(0.000065)	0.000068	0.00026
Semivolatile Organics			
None Detected	--	--	--
Inorganics-Unfiltered			
Arsenic	ND(0.00500)	0.00640	ND(0.00500)
Barium	0.260	0.420	0.0290
Cadmium	0.00220	0.00260	0.000930 B
Chromium	0.0560	0.0340	0.0180
Lead	0.0230	0.0620	ND(0.00500)
Mercury	0.0000700 B	0.000150 B	ND(0.000200)

Notes:

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

Data Qualifiers:

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
March 2005

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	March 2005 Removal (liters)
51-05	3/31/2005	9.55	9.35	0.20	0.123	0.123
51-08	3/18/2005	11.70	10.81	0.89	0.549	1.357
	3/24/2005	11.35	10.68	0.67	0.413	
	3/31/2005	10.81	10.17	0.64	0.395	
51-15	3/31/2005	9.48	9.34	0.14	0.086	0.086
51-17	3/31/2005	10.47	9.02	1.45	0.895	0.895
51-19	3/31/2005	10.37	9.29	1.08	0.666	0.666
51-21	3/2/2005	15.09	P	< 0.01	3.411	22.740
	3/10/2005	15.14	15.13	0.01	5.685	
	3/16/2005	15.24	P	< 0.01	2.274	
	3/24/2005	15.18	P	< 0.01	5.685	
	3/31/2005	14.38	P	< 0.01	5.685	
59-03R	3/31/2005	11.94	10.60	1.34	0.827	0.827
59-07	3/31/2005	10.90	10.88	0.02	0.012	0.012
GMA3-10	3/4/2005	11.44	10.80	0.64	0.395	2.375
	3/11/2005	11.65	10.88	0.77	0.475	
	3/18/2005	11.72	10.96	0.76	0.469	
	3/24/2005	11.70	10.98	0.72	0.444	
	3/31/2005	11.46	10.50	0.96	0.592	
GMA3-12	3/4/2005	11.84	11.21	0.63	1.557	5.709
	3/11/2005	11.70	11.22	0.48	1.186	
	3/18/2005	11.90	11.38	0.52	1.285	
	3/24/2005	11.75	11.35	0.40	0.989	
	3/31/2005	11.17	10.89	0.28	0.692	
UB-PZ-3	3/31/2005	11.60	11.31	0.29	0.101	0.101

Total Automated LNAPL Removal at well 51-21 for March 2005: 22.740 liters
6.00 Gallons

Total Manual LNAPL Removal at all other wells for March 2005: 12.151 liters
3.21 Gallons

Total LNAPL Removed for March 2005: 34.891 liters
9.21 Gallons

Notes:

1. ft BMP - feet Below Measuring Point.
2. P indicates that LNAPL or DNAPL is present at a thickness that is < 0.01 feet. The corresponding thickness is recorded as such.

TABLE 23-4
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2005

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
51-05	996.44	3/31/2005	9.55	9.35	0.20	---	12.46	0.00	987.08
51-08	997.08	3/4/2005	10.80	10.70	0.10	---	14.70	0.00	986.37
51-08	997.08	3/11/2005	10.90	10.70	0.20	---	14.68	0.00	986.37
51-08	997.08	3/18/2005	11.70	10.81	0.89	---	14.68	0.00	986.21
51-08	997.08	3/24/2005	11.35	10.68	0.67	---	14.67	0.00	986.35
51-08	997.08	3/31/2005	10.81	10.17	0.64	---	14.67	0.00	986.87
51-15	996.43	3/31/2005	9.48	9.34	0.14	---	14.48	0.00	987.08
51-16R	996.39	3/31/2005	9.29	---	0.00	---	14.54	0.00	987.10
51-17	996.43	3/31/2005	10.47	9.02	1.45	---	14.49	0.00	987.31
51-19	996.43	3/31/2005	10.37	9.29	1.08	---	14.04	0.00	987.06
51-21	1001.49	3/2/2005	15.09	P	< 0.01	---	NM	0.00	986.40
51-21	1001.49	3/10/2005	15.14	15.13	0.01	---	NM	0.00	986.36
51-21	1001.49	3/16/2005	15.24	P	< 0.01	---	NM	0.00	986.25
51-21	1001.49	3/24/2005	15.18	P	< 0.01	---	NM	0.00	986.31
51-21	1001.49	3/31/2005	14.38	P	< 0.01	---	NM	0.00	987.11
59-01	997.52	3/31/2005	10.54	---	0.00	---	11.35	0.00	986.98
59-03R	997.64	3/31/2005	11.94	10.60	1.34	---	17.05	0.00	986.95
59-07	997.96	3/31/2005	10.90	10.88	0.02	---	23.53	0.00	987.08
111B-R	NA	3/30/2005	12.75	---	0.00	---	17.18	0.00	NA
111B-R	NA	3/31/2005	13.01	---	0.00	---	17.18	0.00	NA
GMA3-10	997.54	3/4/2005	11.44	10.80	0.64	---	18.02	0.00	986.70
GMA3-10	997.54	3/11/2005	11.65	10.88	0.77	---	18.03	0.00	986.61
GMA3-10	997.54	3/18/2005	11.72	10.96	0.76	---	18.03	0.00	986.53
GMA3-10	997.54	3/24/2005	11.70	10.98	0.72	---	18.03	0.00	986.51
GMA3-10	997.54	3/31/2005	11.46	10.50	0.96	---	18.02	0.00	986.97
GMA3-12	997.84	3/4/2005	11.84	11.21	0.63	---	21.25	0.00	986.59
GMA3-12	997.84	3/11/2005	11.70	11.22	0.48	---	21.24	0.00	986.59
GMA3-12	997.84	3/18/2005	11.90	11.38	0.52	---	21.24	0.00	986.42
GMA3-12	997.84	3/24/2005	11.75	11.35	0.40	---	21.24	0.00	986.46
GMA3-12	997.84	3/31/2005	11.17	10.89	0.28	---	21.24	0.00	986.93
GMA3-13	NA	3/30/2005	11.02	---	0.00	---	18.06	0.00	NA
GMA3-13	NA	3/31/2005	12.21	---	0.00	---	18.06	0.00	NA
GMA3-14	NA	3/30/2005	11.41	---	0.00	---	17.25	0.00	NA
GMA3-14	NA	3/31/2005	10.78	---	0.00	---	17.25	0.00	NA
UB-PZ-3	998.15	3/31/2005	11.60	11.31	0.29	---	13.37	0.00	986.82

Notes:

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

ITEM 24
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 3 (GMA 4)
(GECD340)
MARCH 2005

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

a. Activities Undertaken/Completed

Conducted groundwater quality sampling event at adjacent Commercial Street Site (subject to the Administrative Consent Order executed by GE and MDEP), including sampling of GMA 4 well GMA4-5.

b. Sampling/Test Results Received

See attached table.

c. Work Plans/Reports/Documents Submitted

None

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

Conduct spring 2005 groundwater elevation monitoring and sampling event.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 24-1
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 4

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2005

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)
Commercial Street Area (South of GMA 4)									
GMA4-5	993.34	3/28/2005	11.50	---	0.00	---	18.15	0.00	981.84
GMA4-5	993.34	3/31/2005	11.10	---	0.00	---	18.19	0.00	982.24
MW-1	984.34	3/28/2005	8.52	---	0.00	---	14.74	0.00	975.82
MW-2	983.12	3/30/2005	4.44	---	0.00	---	13.74	0.00	978.68
MW-3	986.73	3/29/2005	9.49	---	0.00	---	15.05	0.00	977.24
MW-4	985.73	3/28/2005	9.59	---	0.00	---	14.28	0.00	976.14
MW-5	983.53	3/28/2005	8.75	---	0.00	---	17.52	0.00	974.78
MW-6	987.65	3/28/2005	9.32	---	0.00	---	17.61	0.00	978.33
MW-7	984.73	3/28/2005	1.32	---	0.00	---	14.66	0.00	983.41
MW-8	984.94	3/28/2005	6.09	---	0.00	---	14.64	0.00	978.85
MW-10	988.87	3/28/2005	8.44	---	0.00	---	17.67	0.00	980.43

Notes:

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

ITEM 25
GROUNDWATER MANAGEMENT AREAS
FORMER OXBOWS A & C (GMA 5)
(GECD350)
MARCH 2005

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Conduct semi-annual spring 2005 groundwater elevation monitoring.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

Attachment A

NPDES Sampling Records and Results
March 2005

BBL®
BLASLAND, BOUCK & LEE, INC.
engineers, scientists, economists

TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
NPDES Sampling	001-A6323	3/1/05	Water	SGS	Oil & Grease	3/18/05
NPDES Sampling	001-A6325	3/1/05	Water	SGS	PCB	3/18/05
NPDES Sampling	001-A6338	3/8/05	Water	SGS	TSS	3/17/05
NPDES Sampling	001-A6358	3/18/05	Water	SGS	TSS	3/21/01
NPDES Sampling	001-A6369	3/23/05	Water	SGS	TSS	3/24/05
NPDES Sampling	001-A6370	3/24/05	Water	SGS	TSS	3/25/05
NPDES Sampling	001-CITY	3/21/05	Water	SGS	TSS	3/24/05
NPDES Sampling	001-GE	3/21/05	Water	SGS	TSS	3/24/05
NPDES Sampling	005-A6315/A6316	2/22/05	Water	SGS	PCB	3/2/05
NPDES Sampling	005-A6327/A6328	3/1/05	Water	SGS	PCB	3/18/05
NPDES Sampling	005-A6339/A6340	3/8/05	Water	SGS	PCB, TSS, BOD	3/17/05
NPDES Sampling	005-A6354/A6355	3/15/05	Water	SGS	PCB	3/28/05
NPDES Sampling	005-A6366/A6367	3/22/05	Water	SGS	PCB	3/31/05
NPDES Sampling	005-A6381/A6382	3/29/05	Water	SGS	PCB	
NPDES Sampling	09B-A6308	2/20/05	Water	SGS	TSS	3/4/05
NPDES Sampling	09B-A6313	2/21/05	Water	SGS	BOD	3/4/05
NPDES Sampling	09B-A6322	2/28/05	Water	SGS	TSS, BOD	3/11/05
NPDES Sampling	09B-A6330	3/6/05	Water	SGS	TSS	3/16/05
NPDES Sampling	09B-A6335	3/7/05	Water	SGS	BOD	3/16/05
NPDES Sampling	09B-A6347	3/13/05	Water	SGS	TSS	3/23/05
NPDES Sampling	09B-A6352	3/14/05	Water	SGS	BOD	3/23/05
NPDES Sampling	09B-A6368	3/22/05	Water	SGS	TSS, BOD	3/31/05
NPDES Sampling	09B-A6372	3/27/05	Water	SGS	TSS	
NPDES Sampling	09B-A6377	3/28/05	Water	SGS	BOD	
NPDES Sampling	09C-A6336	3/7/05	Water	SGS	Oil & Grease	3/16/05
NPDES Sampling	09C-A6356	3/17/05	Water	SGS	Oil & Grease	3/24/05
NPDES Sampling	09C-A6363	3/21/05	Water	SGS	Oil & Grease	3/31/05
NPDES Sampling	09C-A6378	3/28/05	Water	SGS	Oil & Grease	
NPDES Sampling	64G-A6311	2/21/05	Water	SGS	Oil & Grease	3/4/05
NPDES Sampling	64G-A6320	2/28/05	Water	SGS	Oil & Grease	3/11/05
NPDES Sampling	64G-A6333	3/7/05	Water	SGS	Oil & Grease	3/16/05

TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2005

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
NPDES Sampling	64G-A6350	3/14/05	Water	SGS	Oil & Grease	3/23/05
NPDES Sampling	64G-A6361	3/21/05	Water	SGS	Oil & Grease	3/31/05
NPDES Sampling	64G-A6375	3/28/05	Water	SGS	Oil & Grease	
NPDES Sampling	64T-A6309	2/21/05	Water	SGS	Oil & Grease	3/4/05
NPDES Sampling	64T-A6318	2/28/05	Water	SGS	Oil & Grease	3/11/05
NPDES Sampling	64T-A6331	3/7/05	Water	SGS	Oil & Grease	3/16/05
NPDES Sampling	64T-A6348	3/14/05	Water	SGS	Oil & Grease	3/23/05
NPDES Sampling	64T-A6359	3/21/05	Water	SGS	Oil & Grease	3/31/05
NPDES Sampling	64T-A6373	3/28/05	Water	SGS	Oil & Grease	
NPDES Sampling	A6341R	3/10/05	Water	SGS	Acute Toxicity Test	3/23/05
NPDES Sampling	A6341RCN	3/10/05	Water	SGS	CN	3/23/05
NPDES Sampling	A6341RTM	3/10/05	Water	SGS	Metals (10)	3/23/05
NPDES Sampling	A6342C	3/10/05	Water	SGS	Acute Toxicity Test	3/23/05
NPDES Sampling	A6342CCN	3/10/05	Water	SGS	CN	3/23/05
NPDES Sampling	A6342CDM	3/10/05	Water	SGS	Filtered Metals (8)	3/23/05
NPDES Sampling	A6342CTM	3/10/05	Water	SGS	Metals (10)	3/23/05
NPDES Sampling	APR05WK1	3/29/05	Water	SGS	Cu, Pb, Zn	
NPDES Sampling	FEB05WK4	2/22/05	Water	SGS	Cu, Pb, Zn	3/4/05
NPDES Sampling	MAR05WK1	3/1/05	Water	SGS	Cu, Pb, Zn	3/18/05
NPDES Sampling	MAR05WK3	3/15/05	Water	SGS	Cu, Pb, Zn	3/28/05
NPDES Sampling	MAR05WK4	3/22/05	Water	SGS	Cu, Pb, Zn	3/31/05

TABLE A-2
DATA RECEIVED DURING MARCH 2005

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

Parameter / Sample ID: / Date Collected:	001-A6323 03/01/05	001-A6325 03/01/05	001-A6338 03/08/05	001-A6358 03/18/05	001-A6369 03/23/05	001-A6370 03/24/05	001-CITY 03/21/05	001-GE 03/21/05	005-A6315/A6316 02/22/05
PCBs-Unfiltered									
Aroclor-1254	NA	0.000025 J	NA	NA	NA	NA	NA	NA	ND(0.000065)
Aroclor-1260	NA	ND(0.000065)	NA	NA	NA	NA	NA	NA	ND(0.000065)
Total PCBs	NA	0.000025 J	NA	NA	NA	NA	NA	NA	ND(0.000065)
Inorganics-Unfiltered									
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
Inorganics-Filtered									
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
Conventionals									
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	ND(6.0)	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	120	56.0	22.0	45.0	220	5.00	NA

TABLE A-2
DATA RECEIVED DURING MARCH 2005

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

Sample ID: / Parameter / Date Collected:	005-A6327/A6328 03/01/05	005-A6339/A6340 03/08/05	005-A6354/A6355 03/15/05	005-A6366/A6367 03/22/05	09B-A6308 02/20/05	09B-A6313 02/21/05	09B-A6322 02/28/05	09B-A6330 03/06/05
PCBs-Unfiltered								
Aroclor-1254	0.000028 J	0.000080	ND(0.000065)	0.000033 J	NA	NA	NA	NA
Aroclor-1260	ND(0.000065)	0.000056 J	ND(0.000065)	0.000024 J	NA	NA	NA	NA
Total PCBs	0.000028 J	0.000136	ND(0.000065)	0.000057 J	NA	NA	NA	NA
Inorganics-Unfiltered								
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
Inorganics-Filtered								
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
Conventionals								
Biological Oxygen Demand (5-day)	NA	ND(2.0)	NA	NA	NA	4.4	1.8 B	NA
Oil & Grease	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	ND(5.00)	NA	NA	7.00	NA	8.00	ND(5.00)

TABLE A-2
DATA RECEIVED DURING MARCH 2005

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

Parameter / Sample ID: / Date Collected:	09B-A6335 03/07/05	09B-A6347 03/13/05	09B-A6352 03/14/05	09B-A6368 03/22/05	09C-A6336 03/07/05	09C-A6356 03/17/05	09C-A6363 03/21/05	64G-A6311 02/21/05	64G-A6320 02/28/05
PCBs-Unfiltered									
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
Inorganics-Unfiltered									
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
Inorganics-Filtered									
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
Conventionals									
Biological Oxygen Demand (5-day)	ND(2.0)	NA	ND(2.0)	5.8	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	ND(5.0)	ND(5.0)	2.1 B	2.1 B	ND(5.0)
Total Suspended Solids	NA	8.00	NA	9.00	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING MARCH 2005

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

Parameter / Sample ID: / Date Collected:	64G-A6333 03/07/05	64G-A6350 03/14/05	64G-A6361 03/21/05	64T-A6309 02/21/05	64T-A6318 02/28/05	64T-A6331 03/07/05	64T-A6348 03/14/05	64T-A6359 03/21/05	A6341RCN 03/10/05
PCBs-Unfiltered									
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
Inorganics-Unfiltered									
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	0.00280 B
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
Inorganics-Filtered									
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
Conventionals									
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	2.3 B	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING MARCH 2005

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

Parameter / Sample ID: / Date Collected:	A6341RTM 03/10/05	A6342CCN 03/10/05	A6342CDM 03/10/05	A6342CTM 03/10/05	FEB05WK4 02/22/05	MAR05WK1 03/01/05	MAR05WK3 03/15/05	MAR05WK4 03/22/05
PCBs-Unfiltered								
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered								
Aluminum	ND(0.100)	NA	NA	ND(0.100)	NA	NA	NA	NA
Cadmium	ND(0.00100)	NA	NA	ND(0.00100)	NA	NA	NA	NA
Calcium	16.0	NA	NA	73.0	NA	NA	NA	NA
Chromium	0.00160 B	NA	NA	ND(0.00500)	NA	NA	NA	NA
Copper	0.00180 B	NA	NA	0.00640	0.00660	0.00390 B	0.0120	0.0240
Cyanide	NA	0.0530	NA	NA	NA	NA	NA	NA
Lead	ND(0.00500)	NA	NA	ND(0.00500)	ND(0.00500)	ND(0.00500)	0.00780	0.00820
Magnesium	6.00	NA	NA	32.0	NA	NA	NA	NA
Nickel	ND(0.00500)	NA	NA	ND(0.00500)	NA	NA	NA	NA
Silver	ND(0.00500)	NA	NA	ND(0.00500)	NA	NA	NA	NA
Zinc	0.0200	NA	NA	0.0320	0.0190 B	0.0200 B	0.0600	0.0560
Inorganics-Filtered								
Aluminum	NA	NA	ND(0.100)	NA	NA	NA	NA	NA
Cadmium	NA	NA	ND(0.00100)	NA	NA	NA	NA	NA
Chromium	NA	NA	0.00520	NA	NA	NA	NA	NA
Copper	NA	NA	0.00370 B	NA	NA	NA	NA	NA
Lead	NA	NA	ND(0.00500)	NA	NA	NA	NA	NA
Nickel	NA	NA	ND(0.00500)	NA	NA	NA	NA	NA
Silver	NA	NA	ND(0.00500)	NA	NA	NA	NA	NA
Zinc	NA	NA	0.0180 B	NA	NA	NA	NA	NA
Conventionals								
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
1. Samples were collected by General Electric Company, and submitted to SGS Environmental Services, Inc. for analysis of PCBs, 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, only those constituents detected in one or more samples are summarized.

Data Qualifiers:

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

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

Attachment B

NPDES Discharge Monitoring Reports
February 2005

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BLASLAND, BOUCK & LEE, INC.
engineers, scientists, economists

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location (If Different)*
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	001 1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	02	01	TO	05	02	28

MAJOR
(SUBR W)
F - FINAL
DISCHARGE TO SILVER LAKE

*** NO DISCHARGE [ ] ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		8.0	*******	8.2	(12)	0	01/07	GR
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	****** ****	****	6.0 MINIMUM	******	9.0 MAXIMUM	SU SU		WEEKLY	RANG-G
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	13.8	13.8	(26) LBS/DY	*******	*******	*******		0	01/30	CP
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	138 MO AVG	628 DAILY MX	LBS/DY	*******	*******	*******	**** ****		ONCE/ MONTH	COMPOS
OIL & GREASE	SAMPLE MEASUREMENT	******	2.3	(26) LBS/DY	*******	*******	6.4	(19) MG/L	0	01/30	GR
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	319 DAILY MX	LBS/DY	*******	*******	15 DAILY MX	MG/L		ONCE/ MONTH	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	0.0001	(26) LBS/DY	*******	*******	*******		0	01/30	GR
39516 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	*******	*******	*******	**** ****		ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.132	0.851	(03) MGD	*******	*******	*******		0	99/99	RC
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	1.10 MO AVG	2.55 DAILY MX	MGD	*******	*******	*******	**** ****		CONTINUOUS	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 446-5902	2005	3	16
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)*
SAMPLE AT THE DISCHARGE FROM OIL/WATER SEPERATOR.

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*
NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN: JEFFREY Q. 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	004 1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	02	01	TO	05	02	28

MAJOR
(SUBR W)
F - FINAL
DISCHARGE TO SILVER LAKE

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH	SAMPLE MEASUREMENT	*******	*******		NODI [C]	*******	NODI [C]	(12)			
00400 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	**** ****	6.0 MINIMUM	*******	9.0 MAXIMUM	SU		WEEKLY	RANG-G
OIL & GREASE	SAMPLE MEASUREMENT	*******	NODI [C]	(26)	*******	*******	NODI [C]	(19)			
00556 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	261 DAILY MX	LBS/DY	*******	*******	15 DAILY MX	MG/L		ONCE/ MONTH	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	*******	NODI [C]	(26)	*******	*******	*******				
39516 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY	*******	*******	*******	**** ****		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	NODI [C]	NODI [C]	(03)	*******	*******	*******				
50050 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	0.38 MO AVG	2.09 DAILY MX	MGD	*******	*******	*******	**** ****		ONCE/ MONTH	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2005	3	16
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)*
SAMPLE IN PLANT MANHOLE STATION ON 004.

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*
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	005 1
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR
(SUBR W)
F - FINAL
WATERS TO HOUSATONIC RIVER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	02	01	TO	05	02	28

*** NO DISCHARGE ( ) ***
NOTE: Read instructions before completing this form.

PARAMETER		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)	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*******	*******	*******		0	01/30	CP
00310 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	90 MO AVG	135 DAILY MX	LBS/DY	*******	*******	*******	***** *****		ONCE/ MONTH	COMPOS
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*******	*******	*******		0	01/30	CP
00530 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	188 MO AVG	270 DAILY MX	LBS/DY	*******	*******	*******	***** *****		ONCE/ MONTH	COMPOS
OIL & GREASE	SAMPLE MEASUREMENT	*******	18.3	(26) LBS/DY	*******	*******	4.3	(19) MG/L	0	01/07	GR
00556 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	135 DAILY MX	LBS/DY	*******	*******	15 DAILY MX	MG/L		WEEKLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	0.0002	0.0006	(26) LBS/DY	*******	*******	*******		0	01/07	CP
39516 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	0.01 MO AVG	0.03 DAILY MX	LBS/DY	*******	*******	*******	***** *****		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.227	0.520	(03) MGD	*******	*******	*******		0	99/99	RC
50050 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	2.09 MO AVG	2.09 DAILY MX	MGD	*******	*******	*******	***** *****		CONTINUOUS	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2005	3	16
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 8 + 9 OF PERMIT FOR SAMPLING REQUIREMENTS. SEE DMR(S) 064G + 064T FOR FURTHER PARAMETERS.

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*
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	064 G
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	02	01	TO	05	02	28

MAJOR
(SUBR W)
F - FINAL
GROUNDWATER TREATMENT (005)

*** NO DISCHARGE [ ] ***
NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	*******	*******		7.2	*******	7.4	(12)	0	99/99	RCDR
00400 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	*****	6.0 MINIMUM	*******	9.0 MAXIMUM	SU SU		WEEKLY	RANG-G
BASE NEUTRALS & ACID (METHOD 625), TOTAL	SAMPLE MEASUREMENT	*******	*******		*******	NODI [9]	NODI [9]	(19)			
76030 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	*****	*******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
VOLATILE COMPOUNDS, (GC/MS)	SAMPLE MEASUREMENT	*******	*******		*******	NODI [9]	NODI [9]	(19)			
78732 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	*****	*******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2005	3	16
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 COMMENTS FOR 0051. SEE PAGE 8 + 9 OF PERMIT.

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location (If Different)*
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	064 T
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR
(SUBR W)
F - FINAL
WASTEWATER TREATMENT (005)

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	02	01	TO	05	02	28

*** NO DISCHARGE | __ | ***
NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		7.0	******	8.3	(12) SU	0	99/99	RCDR
00400 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-G
DIBENZOFURAN	SAMPLE MEASUREMENT	******	******		******	NODI [6]	NODI [6]	(22)			
81302 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	PPT		ONCE/ MONTH	COMPOS
	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			TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2005	3	16
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 COMMENTS FOR 0051. SEE PAGE 8 + 9 OF PERMIT.

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*
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	007 1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	02	01	TO	05	02	28

MAJOR
(SUBR W)
F - FINAL
DISCHARGE TO HOUSATONIC RIVER

*** NO DISCHARGE [ ] ***

NOTE: Read instructions before completing this form.

PARAMETER		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 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*******	*******		*******	40	40	(15) DEG.F	0	01/30	GR
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	70 MO AVG	75 DAILY MX	DEG. F		ONCE/ MONTH	GRAB
PH 00400 W 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*******	*******		6.5	*******	7.2	(12) SU	0	01/DW	GR
	PERMIT REQUIREMENT	*******	*******	**** ****	6.0 MINIMUM	*******	9.0 MAXIMUM	SU		WEEKLY	RANG-G
POLYCHLORINATED BIPHENYLS (PCBS) 39516 W 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*******	*******		*******	NODI [9]	NODI [9]	(21)			
	PERMIT REQUIREMENT	*******	*******	**** ****	*******	REPORT MO AVG	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 W 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.001	0.001	(03) MGD	*******	*******	*******		0	20/30	CA
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*******	*******	*******	**** ****		ONCE/ MONTH	CALCTD
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2005	3	16
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)*
SAMPLE AT MANHOLE PRIOR TO CITY STORM DRAIN.

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
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	009 1
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR
(SUBR W)
F - FINAL
PROCESSES TO UNKAMET BROOK

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	02	01	TO	05	02	28

*** NO DISCHARGE [ ] ***
NOTE: Read instructions before completing this form.

PARAMETER		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)	SAMPLE MEASUREMENT	0.003	0.01	(26) LBS/DY	*******	*******	*******		0	01/DW	CP
00310 V 0 0	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	*******	*******	*******	**** ****		WEEKLY	COMPOS
SEE COMMENTS BELOW											
PH	SAMPLE MEASUREMENT	*******	*******		6.7	*******	7.3	(12) SU	0	01/DW	GR
00400 V 0 0	PERMIT REQUIREMENT	*******	******* **** ****		6.0 MINIMUM	*******	9.0 MAXIMUM	SU		WEEKLY	RANG-G
SEE COMMENTS BELOW											
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	0.004	0.01	(26) LBS/DY	*******	*******	*******		0	01/07	CP
00530 V 0 0	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	LBS/DY	*******	*******	*******	**** ****		WEEKLY	COMPOS
SEE COMMENTS BELOW											
OIL & GREASE	SAMPLE MEASUREMENT	*******	2.8	(26) LBS/DY	*******	*******	5.8	(19) MG/L	0	01/DW	GR
00556 V 0 0	PERMIT REQUIREMENT	*******	438 DAILY MX	LBS/DY	*******	*******	15 DAILY MX	MG/L		WEEKLY	GRAB
SEE COMMENTS BELOW											
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	*******	*******		*******	NODI [9]	NODI [9]	(19)			
39516 V 0 0	PERMIT REQUIREMENT	*******	******* **** ****		*******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
SEE COMMENTS BELOW											
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.004	0.041	(03) MGD	*******	*******	*******		0	99/99	RC
50050 V 0 0	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*******	*******	*******	**** ****		CONTIN UOUS	RCORDR
SEE COMMENTS BELOW											
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2005	3	16
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 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.

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location (If Different)*
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	009 A
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR
(SUBR W)
F - FINAL
09A SAMPLE POINT BEFORE 009

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	02	01	TO	05	02	28

*** NO DISCHARGE [ ] ***
NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
BOD, 5-DAY (20 DEG. C) 00310 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	NODI C	NODI C	(26)	*******	*******	*******				
	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	*******	*******	*******	***** *****		WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	NODI C	NODI C	(26)	*******	*******	*******				
	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	LBS/DY	*******	*******	*******	***** *****		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	NODI C	NODI C	(03)	*******	*******	*******				
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*******	*******	*******	***** *****		CONTINUOUS	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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	SAMPLE MEASUREMENT										
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	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	413 448-5902	2005	3	16
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 09A.

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*
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	009 B
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR
(SUBR W)
F - FINAL
09B SAMPLE POINT PRIOR TO 009

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	02	01	TO	05	02	28

*** NO DISCHARGE | | ***

NOTE: Read instructions before completing this form.

PARAMETER		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	0.003	0.01	(26) LBS/DY	******	******	******		0	01/DW	CP
	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.004	0.01	(26) LBS/DY	******	******	******		0	01/07	CP
	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.004	0.041	(03) MGD	******	******	******		0	99/99	RC
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		CONTINUOUS	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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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.

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

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	SUM A

MAJOR
(SUBR W)
F - FINAL
METALS: 001, 004, 005, 007, 009, 011

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	02	01	TO	05	02	28

*** NO DISCHARGE [ ] ***
NOTE: Read Instructions before completing this form.

PARAMETER		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	COMPOS
NICKEL TOTAL RECOVERABLE 01074 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	COMPOS
SILVER TOTAL RECOVERABLE 01079 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	COMPOS
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	COMPOS
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	0.3	(26) LBS/DY	*******	*******	*******		0	01/30	CP
	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY	*******	*******	*******	**** ****		ONCE/ MONTH	COMPOS
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	COMPOS
LEAD TOTAL RECOVERABLE 01114 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*******	0.03	(26) LBS/DY	*******	*******	*******		0	01/07	CP
	PERMIT REQUIREMENT	*******	REPORT DAILY MX	LBS/DY	*******	*******	*******	**** ****		WEEKLY	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2005	3	16
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)*
COMPOSITE PROPORTIONATE TO FLOW.

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

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	SUM A

MAJOR
(SUBR W)
F - FINAL
METALS: 001, 004, 005, 007, 009, 011

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	05	02	01	TO	05	02	28

*** NO DISCHARGE ! ___ ! ***
NOTE: Read instructions before completing this form.

PARAMETER		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	(26) LBS/DY	******	******	******		0	01/30	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
COPPER TOTAL RECOVERABLE 01119 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.10	(26) LBS/DY	******	******	******		0	01/07	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
CYANIDE, TOTAL RECOVERABLE 78248 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.09	(26) LBS/DY	******	******	******		0	01/30	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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	PERMIT REQUIREMENT										
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	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2005	3	14
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)*
COMPOSITE PROPORTIONATE TO FLOW

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

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)*

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	SUM B

MONITORING PERIOD	YEAR	MO	DAY
FROM	05	02	01
TO	05	02	28

Form Approved.
OMB No. 2040-0004

MAJOR
(SUBR W)
F - FINAL
TOXICS: 001, 004, 005, 007, 009, 011

*** NO DISCHARGE [ ] ***
NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
NOAEL STATRE 48HR AC U D. PULEX	SAMPLE MEASUREMENT	******	******		100	******	******	(23) %	0	01/30	CP
TDM3D 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	35 DAILY MN	******	******	PER-CENT		ONCE/ MONTH	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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	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 AREA CODE	NUMBER	DATE YEAR	MO	DAY
413	448-5902	2005	3	16

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.~~

Attachment C

Toxicity Evaluation of Wastewaters Discharged From the General Electric Plant; Pittsfield, Massachusetts [Samples Collected in March 2005]

BBL®
BLASLAND, BOUCK & LEE, INC.
engineers, scientists, economists

Toxicity Evaluation of Wastewaters Discharged from The General Electric Plant Pittsfield, Massachusetts

Samples collected in March 2005

Submitted to:

General Electric
Area Environmental & Facility Programs
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201

SGS Sample ID: TA5-C0-P225

Study Director: Ken Holliday

23 March 2005

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 — March 23, 2005
Date

Ken Holliday
Study Director
ken_holliday@sgs.com

Titshina L. Mims — March 23, 2005
Date

Titshina L. Mims
Technical Writer

Barbara Hensley — March 23, 2005
Date

Barbara Hensley
Project Manager
barbara_hensley@sgs.com

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: March 23, 2005
Date

Jeannie Latterner
Authorized signature

Jeannie Latterner
Name

QA/QC Manager
Title

SGS Environmental Services
Laboratory

Table of Contents

List of Tables

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:	TA5-C0-P225
Test Material:	Composite effluent from the General Electric Company located in Pittsfield, Massachusetts
GE Sample ID:	A6342C
Dilution Water:	Water from the Housatonic River (grab sample)
GE Sample ID:	A6341R
Dates Collected:	March 09, 2005 to March 10, 2005
Date Received:	March 11, 2005
Test Dates:	March 11, 2005 to March 13, 2005
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 March 11, 2005 to March 13, 2005 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:

Title	Document Number	Version
Culture Waters for Aquatic Toxicity Testing	7005	4.0
Culture of *Daphnia*	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 (A6342C) was collected by GE personnel March 09, 2005 to March 10, 2005. Upon receipt at SGS on March 11, 2005, the sample temperature was 4.5° C. The effluent sample was characterized as having

Parameter	Result
Total Hardness	350
Alkalinity (as $CaCO_3$)	354
pH	7.23
Specific Conductance	1952
Dissolved Oxygen Concentration*	9.16

*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 (A6341R) was collected by General Electric personnel on March 10, 2005. Upon receipt at SGS on March 11, 2005, the sample temperature was 4.5°C. The dilution water was characterized as having

Parameter	Result
Total Hardness	200
Alkalinity (as $CaCO_3$)	60
pH	6.51
Specific Conductance	230
Dissolved Oxygen Concentration*	9.07

*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:

Parameter	Result
Total Hardness	110
Alkalinity (as $CaCO_3$)	69
pH	7.12
Specific Conductance	337
Dissolved Oxygen	8.97

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 $CaCO_3$)	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 (*Selanastrum capricorium*), approximately 4.0 x 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 (± 1°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 chorine 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

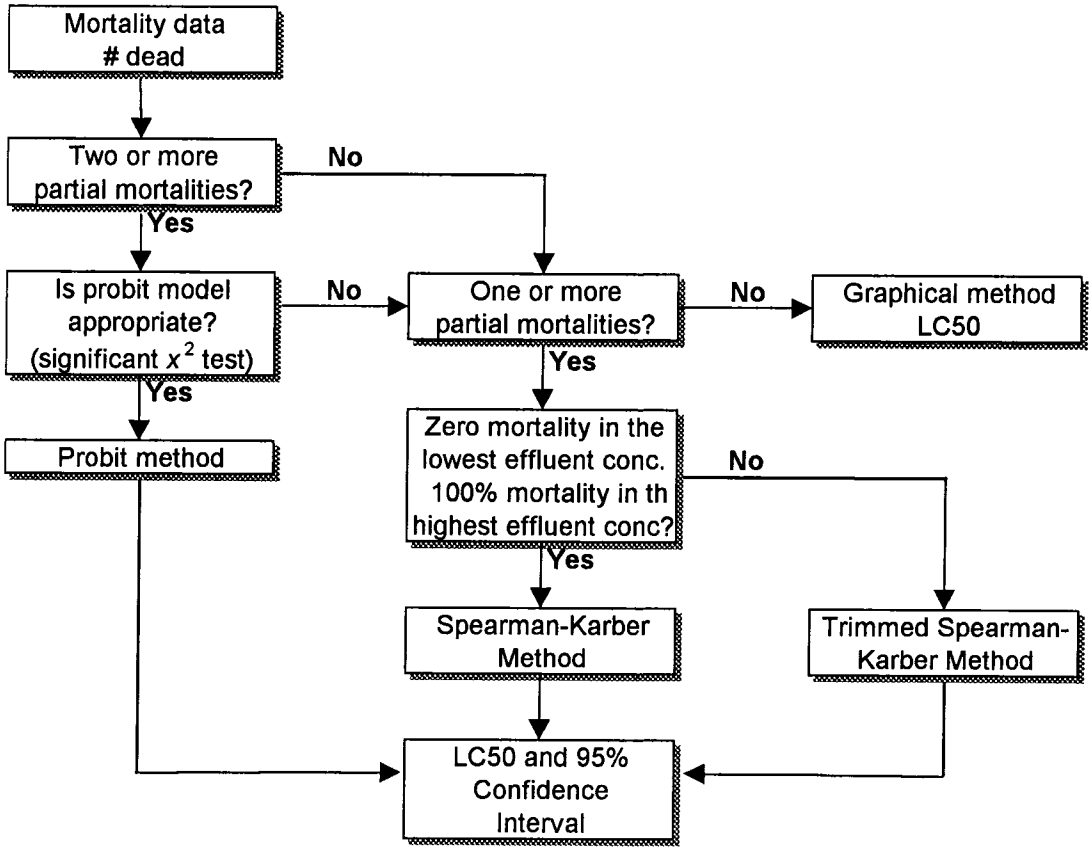
A 48-hour reference toxicity test exposing *Daphnia pulex* to sodium chloride (NaCl) was conducted from March 11, 2005 to March 13, 2005. The reference test was conducted to establish the health of the test organisms. The reference toxicity test included five NaCl concentrations and a dilution water 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_{50} 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 March 11, 2005 to March 13, 2005, and the resulting 48-hour LC50 was estimated by Trimmed Spearman-Karber Method to be 1895 mg NaCl/L (95% confidence intervals of 1592 to 2255 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*. 17th Edition.

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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. for *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).

Parameters	Method	Detection Limits
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	0.020 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).

Parameter	Effluent (A6342C)	Housatonic River (A6341R)
Temperature	19.8°C	19.8°C
pH	7.23	6.51
Alkalinity (as $CaCO_3$)	354 mg/L	60 mg/L
Hardness (as $CaCO_3$)	350 mg/L	200 mg/L
Dissolved Oxygen	9.16 mg/L	9.07 mg/L
Specific Conductivity	1952 µmhos/cm	230 µmhos/cm
Salinity	N/A	N/A
Total Residual Chlorine	ND	ND
Ammonia as N (0-Hour)	ND	ND
Total Phosphorus as P	ND	ND
Chloride	280 mg/L	20 mg/L
Total Suspended Solids	ND	ND
Total Solids	980 mg/L	110 mg/L
Total Organic Carbon	3.1 mg/L	1.5 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	7.12	7.17	7.19	8.97	8.84	8.71	19.8	20.3	20.8
Secondary Ref Control	7.17	7.19	7.23	9.08	8.93	8.70	19.8	20.3	20.8
Dilution Water Control	6.51	6.58	6.63	9.07	8.89	8.80	19.8	20.3	20.8
5% Effluent	6.60	6.67	6.70	9.08	8.92	8.82	19.8	20.3	20.8
15% Effluent	6.78	6.84	6.87	9.10	8.91	8.81	19.8	20.3	20.8
35% Effluent	6.89	6.94	6.93	9.12	8.90	8.82	19.8	20.3	20.8
50% Effluent	7.08	7.12	7.10	9.15	8.92	8.74	19.8	20.3	20.8
75% Effluent	7.15	7.19	7.20	9.16	8.95	8.71	19.8	20.3	20.8
100% Effluent	7.23	7.28	7.30	9.16	8.90	8.75	19.8	20.3	20.8

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 ($Na_2S_2O_3$)
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
$Na_2S_2O_3$ Control = moderately hard synthetic water and sodium thiosulfate (0.1 N)
Dilution Water Control = receiving water collected from the Housatonic River

Appendix I

References

CT&E Environmental Services Inc.
Standard Operating Procedure

Document Title:	**Acute Aquatic Toxicity Testing**
Method Reference:	**CT&E/USEPA**
Document File Name:	**7002-04.DOC**
Revision Number:	**4.0**
Effective Date:	**October 20, 1998**

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Document Control Number: 7002.

Approved by: Ken Holliday (Supervisor) Date: 10/21/98

Approved by: Linda M. Work (QA/QC Officer) Date: 10/20/98

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

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°± 1°C for *Daphnia*, and 20° ± 1°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

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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Standard Operating Procedure

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).

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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Standard Operating Procedure

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

CT&E Environmental Services Inc.
Standard Operating Procedure

Document Title:	**Culture Waters for Aquatic Toxicity Testing**
Method Reference:	**CT&E/USEPA**
Document File Name:	**7005-04.DOC**
Revision Number:	**4.0**
Effective Date:	**October 20, 1998**

Document Control Number: 7005

Approved by: Ken Halliday (Supervisor) Date: 10/21/98

Approved by: Lynda M. Works (QA/QC Officer) Date: 10/20/98

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.

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Standard Operating Procedure

Document Title:	**Culture Waters for Aquatic Toxicity Testing**
Method Reference:	**CT&E/USEPA**
Document File Name:	**7005-04.DOC**
Revision Number:	**4.0**
Effective Date:	**October 20, 1998**

Document Control Number: 7005.

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 $MgSO_4$ Stock Solution

4.2.1 Place 120 g of regent water, anhydrous $MgSO_4$ 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 $NaHCO_3$ Stock Solution

4.3.1 Place 96 g of reagent grade $NaHCO_3$ 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

Document Title:	**Culture Waters for Aquatic Toxicity Testing**
Method Reference:	**CT&E/USEPA**
Document File Name:	**7005-04.DOC**
Revision Number:	**4.0**
Effective Date:	**October 20, 1998**

Document Control Number: 7005

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.

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Standard Operating Procedure

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

Approved by: Ken Halliday Supervisor — Date: 3/23/2001

Approved by: William M Work QA/QC Officer — Date: 3/23/2001

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 ± 1° 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 (*Selanastrum 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.

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

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

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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Page 1 of 2

Document Control Number: 7008

Approved by: Ken Holliday (Supervisor) 3/23/2001 (Date)

Approved by: (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 (±1°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 (±1°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

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.

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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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Page 1 of 3

Document Control Number: 7009

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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.

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 ± 1° 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.

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

TAS-CO-P225-Y2

Chain of Custody #: OBG031005

Dry **Weather Acute Aquatic Toxicity for** March 2005

Project # NPDES PERMIT	Analytical Lab: CT&E Environmental Services Inc.			Sampled By: (Print) Mark Wisnewsky		
Sample #	**Date**	**Time**	**Containers**	**Parameters to be Analyzed**	**Preservative**	**Remarks**
A6342C	3/9 to 3/10/05	1100 AM	1 Gallon plastic	Definitive Test(LC50 and NOAEL), Static acute toxicity, 48 hr w/ Daphnia pulex	Chilled	(See below)
A6342C	3/9 to 3/10/05	1100 AM	1000 ml. plastic	Chloride, TSS,Total Solids, Alkalinity Specific Conductance, CL2	Chilled	
A6342C	3/9 to 3/10/05	1100 AM	500 ml. plastic	Total Phosphorus, TOC, NH3	H2SO4	
A6341R	3/10/05	815 AM	1 Gallon plastic	Housatonic River water dilution water for definitive test	Chilled	
A6341R	3/10/05	815 AM	1000 ml. plastic	Chloride, TSS,Total Solids, Alkalinity Specific Conductance, CL2	Chilled	
A6341R	3/10/05	815 AM	500 ml. plastic	Total Phosphorus, TOC, NH3	H2SO4	

Relinquished By:	**Date/Time**	**Received By:**	**Date/Time**
Mark Wisnewsky	3-10-05		3-10-05 1400
	3-10-05 1430		3/11/05 0930 4.5°

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- 740 AM 004- / 005-64T- 700 AM 005-64G- 700 AM 007- / 09A- / 09B- 800 AM

The time of compositing the final flow-proportioned sample was 1100 A.M.

41

Appendix III

Bench Data

General Electric – 48-hour Acute Biotoxicity Bench Sheet

Client: General Electric

Project: Dry Weather Acute

Lab. No.: TAS-CO-P225-001/002

Sample Date: 03/10/05 Time: 11:00

Date Received: 03/11/05

Source: EFFLUENT COMPOSITE

Date Analyzed: 03/11/05

Source of dilution water:

Analyst(s): KH

Test Species: *Daphnia pulex* Age: Temp. Range: °C

Type of Test: 48-Hour Static Acute

Total Chlorine: n/d

	Beginning	Ending
Date:	03/11/05	03/13/05
Time:	1100	1100

Concentration→	Housatonic River Control	MHSW Control	MHSW $Na_2S_2O_3$ Control	Effluent 5%	Effluent 15%	Effluent 35%	Effluent 50%	Effluent 75%	Effluent 100%
START									
Temperature	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
Hardness	200	110	120						350
D.O.	9.07	8.97	9.08	9.08	9.10	9.12	9.15	9.16	9.16
pH	6.51	7.12	7.17	6.60	6.78	6.89	7.08	7.15	7.23
Alkalinity	60	69	73						354
Sp. Conduct.	230	337	349	285	658	872	1031	1552	1952
24 HOUR									
No. Surviving	20	20	20	20	20	20	20	20	20
Temperature	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
D.O.	8.89	8.84	8.93	8.92	8.91	8.90	8.92	8.95	8.90
pH	6.58	7.17	7.19	6.67	6.84	6.94	7.12	7.19	7.28
Sp. Conduct.	238	351	355	292	667	884	1021	1540	1960
48 HOUR									
No. Surviving	20	20	20	20	20	20	20	20	20
Temperature	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
D.O.	8.80	8.71	8.70	8.82	8.81	8.82	8.74	8.71	8.75
pH	6.63	7.19	7.23	6.70	6.87	6.93	7.10	7.20	7.30
Sp. Conduct.	235	347	350	295	671	891	1016	1531	1949

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 Biotoxicity Bench Sheet

Client: QC

Project: Reference Toxicant Lab. No.:

Sample Date: Time: Date Received:

Source: NaCl Date Analyzed:

Source of dilution water: Moderately Hard Synthetic Water Analyst: KH

Test Species: Daphnia pulex Age: < 24 hours Temp. Range: °C

Type of Test: 48 hour Acute

Total Chlorine: n/d

	Beginning	Ending
Date:	03/11/05	03/13/05
Time:	1300	1300

Concentration	Control		625	1250	2500	5000	10,000
START							
Temperature	19.6		19.6	19.6	19.6	19.6	19.6
Hardness	110						120
D.O.	9.0		9.0	9.0	9.0	9.0	9.0
pH	7.1		7.1	7.2	7.2	7.2	7.2
Alkalinity	70						73
Sp. Conduct.	340		1744	2780	5430	9430	12580
24 HOUR							
Temperature	20.7		20.7	20.7	20.7	20.7	20.7
No. Surviving	20		20	20	14	5	0
48 HOUR							
Temperature	20.8		20.8	20.8	20.8	20.8	20.8
No. Surviving	20		20	17	5	0	0

1894

↓ 1592

+ 2255

Note: All results expressed in mg/L unless otherwise designated. < = less than

Note: Number in parenthesis equals number not adversely effected (EC_{50}). This number is used in calculating EC_{50} 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: 03/11/05 TEST NUMBER: - DURATION: 48 HOURS
CHEMICAL: NaCl SPECIES: Dp

RAW DATA:

CONCENTRATION(MG/L)	625.00	1250.00	2500.00	5000.00	*******
NUMBER EXPOSED:	20	20	20	20	20
MORTALITIES:	0	3	15	20	20

SPEARMAN-KARBER TRIM: 0.00%

SPEARMAN-KARBER ESTIMATES: LC50: 1894.65
95% LOWER CONFIDENCE: 1592.10
95% UPPER CONFIDENCE: 2254.69

Appendix IV

U.S. EPA Region I Toxicity Test Summary

Toxicity Test Summary Sheet

Facility Name: General Electric Co. Test Start Date: March 11, 2005
NPDES Permit Number: MA 000 3891 Pipe Number: 001, 005-64T, 005-64G, 09A, 09B

Test Type	Test Species	Sample Type	Sample Method
☑ Acute	☐ Fathead minnow	☐ Prechlorinated	☐ Grab
☐ Chronic	☐ Ceriodaphnia	☐ Dechlorinated	☑ Composite
☐ Modified*	☑ Daphnia pulex	☐ Chlorine	☐ Flow thru
☐ 24-hour Screening	☐ Mysid Shrimp	☐ Spiked at lab	☐ Other
	☐ Menidia	☑ Chlorinated on-site	
	☐ Sea Urchin	☐ Unchlorinated	
	☐ Champia		
	☐ Selenastrum		
	☐ Other		

*Modified (Chronic reporting acute values)

Dilution Water

X 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): March 09, 2005 to March 10, 2005

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: March 11, 2005 to March 13, 2005

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	N/A	48-hr LC50	>100%
		Upper Value	N/A
		Lower Value	N/A
		Data Analysis Method used:	N/A
A-NOEC	N/A	A-NOEC	100%
C-NOEC	N/A	C-NOEC	N/A
		LOEC	N/A
IC25	N/A	IC25	N/A
IC50	N/A	IC50	N/A

N/A = not applicable