Corporate Environmental Programs
General Electric Company
100 Woodlawn Avenue, Pittsfield, MA 01201

Transmitted via Overnight Courier

July 9, 2004

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

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

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

Dear Mr. Tagliaferro and Ms. Steenstrup:

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

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

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

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

Sincerely,

John F. Novotny /ebb for

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

Enclosures
V:\GE_Pittsfield_General\Reports\Monthly Reports\2004\06-04 CD Monthly\cover-ltr.doc

cc: Robert Cianciarulo, EPA (cover letter only)
Tim Conway, EPA (cover letter only)
James DiLorenzo, EPA
Rose Howell, EPA (CD-ROM of Report)
Holly Inglis, EPA
William Lovely, EPA (Items 7, 8, 9, 10, 11, 12, 16/17, 22, 23, and 25 only)
Susan Svirsky, EPA (Item 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
Dawn Jamros, 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, Shea & Gardner
Jim Rhea, QEA (narrative only)
Teresa Bowers, Gradient
Public Information Repositories (5 copies)
GE Internal Repository (2 copies)

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

JUNE 2004

MONTHLY STATUS REPORT

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

GENERAL ELECTRIC COMPANY

PITTSFIELD, MASSACHUSETTS

Background

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

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

General Activities (GECD900)

GE Plant Area (non-groundwater)

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

Former Oxbow Areas (non-groundwater)

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

Housatonic River

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

Housatonic River Floodplain

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

Other Areas

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

Groundwater Management Areas (GMAs)

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

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

a. Activities Undertaken/Completed

- Hosted site tour for Pittsfield Citizens Coordinating Council (CCC) meeting (June 2, 2004).
- Continued GE-EPA electronic data exchanges for the Housatonic River Watershed and Areas Outside the River.*
- Attended Principals Meeting of GE, EPA, MDEP, Pittsfield Economic Development Authority (PEDA), and City of Pittsfield (June 23, 2004).*
- Received draft revised NPDES permit from EPA for review and discussion.

b. Sampling/Test Results Received

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

c. Work Plans/Reports/Documents Submitted

Submitted revised *Field Sampling Plan/Quality Assurance Project Plan* to EPA (June 15, 2004).*

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

- Attend public, CCC, and PEDA meetings as appropriate.
- Continue NPDES sampling and monitoring activities.
- Attend workgroup meetings to discuss draft revised NPDES permit.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Issues relating to draft revised NPDES permit are under discussion.

f. Proposed/Approved Work Plan Modifications

None

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

a. Activities Undertaken/Completed

- Continued discussions with EPA, MDEP, and PEDA regarding land transfer issues for the 20s and 30s Complexes.*
- Continued discussions with holders of encumbrances at 20s and 30s Complexes regarding subordination agreements for Grants of Environmental Restrictions and Easements (EREs).*
- Continued pre-demolition activities at Buildings 42, 43, and 44.
- Continued monitoring oil in Building 43 elevator shaft; no recoverable quantities were encountered.
- Conducted pre-demolition sampling activities at Building 28B.
- Conducted miscellaneous sampling as identified in Table 1-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted response to MDEP's April 9, 2004 Notice of Responsibility (NOR) letter regarding oil observed in Building 43 elevator shaft (June 4, 2004).
- Submitted manifests for PCB oil drained from equipment in 40s Complex (June 7, 2004).
- Submitted report on results of additional soil sampling and data evaluation for 30s Complex (June 7, 2004).*
- Submitted payment to EPA Region 1 pursuant to Consent Agreement and Order for equipment containing PCBs from Buildings 42 and 43, Docket No. TSCAA01-2002-0049 (June 14, 2004).

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

- Continue discussions with EPA, MDEP, and PEDA regarding land transfer issues for the 20s and 30s Complexes.*
- Continue discussions with encumbrance holders at 20s and 30s Complexes regarding subordination agreements for EREs.*

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

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

- Develop Data Compilation Report for 30s Complex.*
- Continue pre-demolition activities (including asbestos abatement) at Buildings 42, 43, and 44.
- Initiate pre-demolition and demolition activities at Building 28B.
- Submit building material characterization letter for Buildings 42, 43/43-A, and 44.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

Received EPA approval letter for GE report on additional soil sampling results and data evaluation for 30s Complex (June 30, 2004).*

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Former Building 25 Sampling	25-FMR-SOIL-1	6/29/04	Soil	CT&E	PCB	
Former Building 25 Sampling	25-FMR-SOIL-2	6/29/04	Soil	CT&E	PCB	
Former Building 25 Sampling	25-FMR-SOIL-3	6/29/04	Soil	CT&E	PCB	
Former Building 25 Sampling	25-FMR-SOIL-4	6/29/04	Soil	CT&E	PCB	
Gate 15 Guard Shack Building Sampling	GATE15-WALL-1	5/24/04	Brick/Cinderbloc	CT&E	PCB	6/1/04
Gate 15 Guard Shack Building Sampling	GATE15-WALL-C1	5/24/04	Brick/Cinderbloc	CT&E	TCLP (Exclude Pest,	6/1/04
Jackson Wipe Excavator Sampling	345-BL-CLAW-W3-R1	6/8/04	Wipe	CT&E	PCB	6/10/04
Jackson Wipe Excavator Sampling	345-BL-TRACK-W10-	6/8/04	Wipe	CT&E	PCB	6/10/04
Jackson Wipe Excavator Sampling	345-BL-TRACK-W3-R1	6/8/04	Wipe	CT&E	PCB	6/10/04
Jackson Wipe Excavator Sampling	345-BL-TRACK-W6-R1	6/8/04	Wipe	CT&E	PCB	6/10/04
Jackson Wipe Excavator Sampling	345-BL-TRACK-W7-R1	6/8/04	Wipe	CT&E	PCB	6/10/04
Jackson Wipe Excavator Sampling	345-BL-TRACK-W8-R1	6/8/04	Wipe	CT&E	PCB	6/10/04
Jackson Wipe Excavator Sampling	345-BL-TRACK-W9-R1	6/8/04	Wipe	CT&E	PCB	6/10/04
Jackson Wipe Excavator Sampling Building 40B	345-BL-BUCKET-W-1	5/27/04	Wipe	CT&E	PCB	6/3/04
Jackson Wipe Excavator Sampling Building 40B	345-BL-BUCKET-W-2	5/27/04	Wipe	CT&E	PCB	6/3/04
Jackson Wipe Excavator Sampling Building 40B	345-BL-BUCKET-W-3	5/27/04	Wipe	CT&E	PCB	6/3/04
Jackson Wipe Excavator Sampling Building 40B	345-BL-CLAW-W-1	5/27/04	Wipe	CT&E	PCB	6/3/04
Jackson Wipe Excavator Sampling Building 40B	345-BL-CLAW-W-2	5/27/04	Wipe	CT&E	PCB	6/3/04
Jackson Wipe Excavator Sampling Building 40B	345-BL-CLAW-W-3	5/27/04	Wipe	CT&E	PCB	6/3/04
Jackson Wipe Excavator Sampling Building 40B	345-BL-TRACK-W-1	5/27/04	Wipe	CT&E	PCB	6/3/04
Jackson Wipe Excavator Sampling Building 40B	345-BL-TRACK-W-10	5/27/04	Wipe	CT&E	PCB	6/3/04
Jackson Wipe Excavator Sampling Building 40B	345-BL-TRACK-W-2	5/27/04	Wipe	CT&E	PCB	6/3/04
Jackson Wipe Excavator Sampling Building 40B	345-BL-TRACK-W-3	5/27/04	Wipe	CT&E	PCB	6/3/04
Jackson Wipe Excavator Sampling Building 40B	345-BL-TRACK-W-4	5/27/04	Wipe	CT&E	PCB	6/3/04
Jackson Wipe Excavator Sampling Building 40B	345-BL-TRACK-W-5	5/27/04	Wipe	CT&E	PCB	6/3/04
Jackson Wipe Excavator Sampling Building 40B	345-BL-TRACK-W-6	5/27/04	Wipe	CT&E	PCB	6/3/04
Jackson Wipe Excavator Sampling Building 40B	345-BL-TRACK-W-7	5/27/04	Wipe	CT&E	PCB	6/3/04
Jackson Wipe Excavator Sampling Building 40B	345-BL-TRACK-W-8	5/27/04	Wipe	CT&E	PCB	6/3/04
Jackson Wipe Excavator Sampling Building 40B	345-BL-TRACK-W-9	5/27/04	Wipe	CT&E	PCB	6/3/04

TABLE 1-2
PCB DATA RECEIVED DURING JUNE 2004

JACKSON WIPE AND RE-WIPE EXCAVATOR SAMPLING BUILDING 40B DEMO
20s, 30s, 40s COMPLEX
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in µg/100cm^2)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
345-BL-BUCKET-W-1	5/27/2004	ND(1.0)	6.8	ND(1.0)	6.8
345-BL-BUCKET-W-2	5/27/2004	ND(1.0)	7.9	ND(1.0)	7.9
345-BL-BUCKET-W-3	5/27/2004	ND(1.0)	4.4	ND(1.0)	4.4
345-BL-CLAW-W-1	5/27/2004	ND(1.0)	6.2	ND(1.0)	6.2
345-BL-CLAW-W-2	5/27/2004	ND(1.0)	8.3	ND(1.0)	8.3
345-BL-CLAW-W-3	5/27/2004	ND(1.0)	18	ND(1.0)	18
345-BL-CLAW-W3-R1	6/8/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
345-BL-TRACK-W-1	5/27/2004	ND(1.0)	7.3	0.93 J	8.23
345-BL-TRACK-W-2	5/27/2004	ND(1.0)	4.3	0.65 J	4.95
345-BL-TRACK-W-3	5/27/2004	ND(1.0)	9.0	1.2	10.2
345-BL-TRACK-W3-R1	6/8/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
345-BL-TRACK-W-4	5/27/2004	ND(1.0)	5.6	0.69 J	6.29
345-BL-TRACK-W-5	5/27/2004	ND(1.0)	7.4	1.2	8.6
345-BL-TRACK-W-6	5/27/2004	ND(1.0)	10	1.0	11
345-BL-TRACK-W6-R1	6/8/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
345-BL-TRACK-W-7	5/27/2004	ND(1.0)	9.5	1.1	10.6
345-BL-TRACK-W7-R1	6/8/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
345-BL-TRACK-W-8	5/27/2004	ND(1.0)	12	1.2	13.2
345-BL-TRACK-W8-R1	6/8/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
345-BL-TRACK-W-9	5/27/2004	ND(1.0)	9.4	1.3	10.7
345-BL-TRACK-W9-R1	6/8/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
345-BL-TRACK-W-10	5/27/2004	ND(1.0)	10	1.2	11.2
345-BL-TRACK-W10-R1	6/8/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)

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

Data Qualifiers:

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

TABLE 1-3
PCB DATA RECEIVED DURING JUNE 2004

GATE 15 GUARD SHACK BUILDING SAMPLING
20s, 30s, 40s COMPLEX
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
GATE15-WALL-1	5/24/2004	ND(0.067)	0.032 J	ND(0.067)	0.032 J

Notes:

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

Data Qualifiers:

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

TABLE 1-4
TCLP DATA RECEIVED DURING JUNE 2004

GATE 15 GUARD SHACK BUILDING SAMPLING
20s, 30s, 40s COMPLEX
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	GATE15-WALL-C1 5/24/2004
Volatile Organics		
1,1-Dichloroethene	0.7	ND(0.10)
1,2-Dichloroethane	0.5	ND(0.10)
2-Butanone	200	ND(0.20)
Benzene	0.5	ND(0.10)
Carbon Tetrachloride	0.5	ND(0.10)
Chlorobenzene	100	ND(0.10)
Chloroform	6	ND(0.10)
Tetrachloroethene	0.7	ND(0.10)
Trichloroethene	0.5	ND(0.10)
Vinyl Chloride	0.2	ND(0.10)
Semivolatile Organics		
1,4-Dichlorobenzene	7.5	ND(0.050)
2,4,5-Trichlorophenol	400	ND(0.050)
2,4,6-Trichlorophenol	2	ND(0.050)
2,4-Dinitrotoluene	0.13	ND(0.050)
Cresol	200	ND(0.050)
Hexachlorobenzene	0.13	ND(0.050)
Hexachlorobutadiene	0.5	ND(0.050)
Hexachloroethane	3	ND(0.050)
Nitrobenzene	2	ND(0.050)
Pentachlorophenol	100	ND(0.050)
Pyridine	5	ND(0.050)
Inorganics		
Arsenic	5	ND(0.100)
Barium	100	0.360
Cadmium	1	0.00350 B
Chromium	5	0.0150 B
Lead	5	0.0490 B
Mercury	0.2	ND(0.00200)
Selenium	1	0.00500 B
Silver	5	ND(0.0200)

Notes:

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

Data Qualifiers:

Inorganics

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

ITEM 2
PLANT AREA
EAST STREET AREA 2 - SOUTH
(GECD150)
JUNE 2004

a. Activities Undertaken/Completed

- Performed oil sampling at 60s Complex.
- Performed sludge sampling at Building 64T.
- Completed primary field construction activities (track surfacing) at City Recreational Area (CRA) and continued other field construction activities (punch list items) at CRA.*
- Attended dedication of CRA (June 23, 2004).
- Continued discussions regarding ERE and subordination agreements for CRA.*
- Initiated pre-demolition activities at the 60s Complex.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue to conduct routine process sampling at Buildings 64G and 64T.
- Complete remaining field construction activities (punch list items) at CRA.
- Continue discussions regarding ERE and subordination agreements for CRA.*
- Continue pre-demolition activities at the 60s Complex.
- Submit Final Excavation Notification Report for emergency repair of fire main break southwest of Building 64.
- Work on development of interim report on additional data needs at East Street Area 2-South (due by October 26, 2004).*

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
60's Complex Oil Sampling	61-1-1-OIL-1	6/24/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61-1-10-OIL-1	6/30/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61-1-11-OIL-1	6/30/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61-1-12-OIL-1	6/23/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61-1-13-OIL-1	6/23/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61-1-14-OIL-1	6/23/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61-1-15-OIL-1	6/23/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61-1-16-OIL-1	6/30/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61-1-17-OIL-1	6/30/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61-1-19-OIL-1	6/30/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61-1-2-OIL-1	6/24/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61-1-20-OIL-1	6/30/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61-1-5-OIL-1	6/30/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61-1-6-OIL-1	6/30/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61-1-7-OIL-1	6/30/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61-1-8-OIL-1	6/30/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61-1-9-OIL-1	6/30/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61J-1-1-OIL-1	6/30/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61J-1-2-OIL-1	6/30/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61J-1-3-OIL-1	6/30/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61J-1-4-OIL-1	6/30/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61J-1-5-OIL-1	6/30/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61J-1-6-OIL-1	6/24/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61J-1-7-OIL-1	6/23/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61R-1-1-OIL-1	6/23/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61R-1-10-OIL-1	6/24/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61R-1-11-OIL-1	6/23/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61R-1-2-OIL-1	6/30/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61R-1-3-OIL-1	6/30/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61R-1-4-OIL-1	6/23/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61R-1-5-OIL-1	6/30/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61R-1-6-OIL-1	6/23/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61R-1-7-OIL-1	6/23/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61R-1-8-OIL-1	6/23/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61R-1-9-OIL-1	6/23/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61S-1-1-OIL-1	6/24/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61S-1-2-OIL-1	6/24/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	61S-1-3-OIL-1	6/23/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	62-1-1-OIL-1	6/24/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	62-1-2-OIL-1	6/24/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	62-1-3-OIL-1	6/24/04	Oil	CT&E	PCB	

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
60's Complex Oil Sampling	62-1-4-OIL-1	6/24/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	62-1-5-OIL-1	6/24/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	62-1-6-OIL-1	6/24/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	62-1-7-OIL-1	6/24/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	62-1-8-OIL-1	6/24/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	62-1-8-OIL-1	6/24/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	62-1-9-OIL-1	6/24/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	67-1-1-OIL-1	6/24/04	Oil	CT&E	PCB	
60's Complex Oil Sampling	67-1-2-OIL-1	6/24/04	Oil	CT&E	PCB	
Building 64T Sludge Sampling	F4-64T-01	6/5/04	Sludge	CT&E	PCB	6/14/04

TABLE 2-2
PCB DATA RECEIVED DURING JUNE 2004

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

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248, -1254	Aroclor-1260	Total PCBs
F4-64T-01	6/5/2004	ND(120)	630	630

Notes:

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

ITEM 3
PLANT AREA
EAST STREET AREA 2-NORTH
(GECD140)
JUNE 2004

a. Activities Undertaken/Completed

- Completed pre-design investigation soil sampling.

- Tankered and transported 14,500 gallons of water from Building 9 and 200 gallons of water from Building 100 electrical manhole to Building 64G for treatment.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted Pre-Design Investigation Report (June 17, 2004).*

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 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JUNE 2004

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Investigation Sampling	RAA5-J10	6/8/04	0-1	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA5-J10	6/8/04	1-6	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA5-J10	6/8/04	6-15	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA5-J10	6/8/04	6-15	Soil	CT&E	SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA5-J10	6/8/04	14-15	Soil	CT&E	VOC	6/14/04
Pre-Design Soil Investigation Sampling	RAA5-K13	6/8/04	0-1	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA5-K13	6/8/04	1-6	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA5-K13	6/8/04	6-15	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA5-K19	6/8/04	0-1	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA5-K19	6/8/04	1-6	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA5-K19	6/8/04	6-15	Soil	CT&E	PCB	6/11/04

TABLE 3-2
PCB DATA RECEIVED DURING JUNE 2004

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA5-J10	0-1	6/8/2004	ND(18)	ND(18)	180	180
	1-6	6/8/2004	ND(390)	ND(390)	4700	4700
	6-15	6/8/2004	ND(730)	ND(730)	5800	5800
RAA5-K13	0-1	6/8/2004	ND(0.74)	ND(0.74)	10	10
	1-6	6/8/2004	ND(0.037)	0.96	0.36	1.32
	6-15	6/8/2004	ND(0.038)	0.22	0.023 J	0.243
RAA5-K19	0-1	6/8/2004	ND(36)	ND(36)	440	440
	1-6	6/8/2004	ND(9.2)	ND(9.2)	180	180
	6-15	6/8/2004	ND(0.038)	0.31	0.37	0.68

Notes:

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

Data Qualifiers:

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

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

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

Parameter	Sample ID: RAA5-J10 Sample Depth(Feet): 6-15 Date Collected: 06/08/04	Sample ID: RAA5-J10 Sample Depth(Feet): 14-15 Date Collected: 06/08/04
Volatile Organics		
None Detected	NA	--
Semivolatile Organics		
1,2,4,5-Tetrachlorobenzene	310	NA
1,2,4-Trichlorobenzene	430	NA
Hexachlorobenzene	1.6	NA
Hexachlorobutadiene	0.33 J	NA
Pentachlorobenzene	450	NA
Furans		
2,3,7,8-TCDF	0.00042 Y	NA
TCDFs (total)	0.0050 QI	NA
1,2,3,7,8-PeCDF	0.00049 Q	NA
2,3,4,7,8-PeCDF	0.0015 I	NA
PeCDFs (total)	0.011 QI	NA
1,2,3,4,7,8-HxCDF	0.0097 EI	NA
1,2,3,6,7,8-HxCDF	0.00089 I	NA
1,2,3,7,8,9-HxCDF	0.00085	NA
2,3,4,6,7,8-HxCDF	0.00092	NA
HxCDFs (total)	0.021 I	NA
1,2,3,4,6,7,8-HpCDF	0.0078 EI	NA
1,2,3,4,7,8,9-HpCDF	0.0025 E	NA
HpCDFs (total)	0.019 I	NA
OCDF	0.034 EI	NA
Dioxins		
2,3,7,8-TCDD	0.00000049 J	NA
TCDDs (total)	0.000010 Q	NA
1,2,3,7,8-PeCDD	ND(0.0000064)	NA
PeCDDs (total)	ND(0.0000064) Q	NA
1,2,3,4,7,8-HxCDD	ND(0.0000028)	NA
1,2,3,6,7,8-HxCDD	ND(0.0000025)	NA
1,2,3,7,8,9-HxCDD	ND(0.0000027)	NA
HxCDDs (total)	0.000021	NA
1,2,3,4,6,7,8-HpCDD	0.0000086	NA
HpCDDs (total)	0.0000086	NA
OCDD	0.000044	NA
Total TEQs (WHO TEFs)	0.0022	NA
Inorganics		
Arsenic	5.80	NA
Barium	11.0 B	NA
Beryllium	0.180 B	NA
Chromium	6.80	NA
Cobalt	5.90	NA
Copper	19.0	NA
Cyanide	0.0210 B	NA
Lead	9.30	NA
Mercury	0.00750 B	NA
Nickel	11.0	NA
Tin	4.40 B	NA
Vanadium	5.40	NA
Zinc	35.0	NA

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

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

Notes:

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

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.
Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

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

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

a. Activities Undertaken/Completed

Continued discussions regarding ERE and subordination agreements for GE-owned properties at this area.*

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 5
PLANT AREA
HILL 78 & BUILDING 71 CONSOLIDATION AREAS
(GECD210/220)
JUNE 2004

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

a. Activities Undertaken/Completed

- Conducted ambient air monitoring for PCBs and particulate matter (as identified in Table 5-1).

- Continued transfer of leachate from Building 71 On-Plant Consolidation Area (OPCA) to Building 64G for treatment. The total amount transferred in June 2004 was 147,500 gallons (see Table 5-4).

- Transferred soil and debris from Newell Street Area I and soil and sediment from 1½ Mile Reach of the Housatonic River to the OPCAs.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

Continue transfer of building demolition debris and excavated material from 1½ Mile Reach removal activities to the OPCAs.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Ambient Air Particulate Matter Sampling	North of OPCAs	6/3/04	Air	Berkshire Environmental	Particulate Matter	6/8/04
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	6/3/04	Air	Berkshire Environmental	Particulate Matter	6/8/04
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	6/3/04	Air	Berkshire Environmental	Particulate Matter	6/8/04
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	6/3/04	Air	Berkshire Environmental	Particulate Matter	6/8/04
Ambient Air Particulate Matter Sampling	West of OPCAs	6/3/04	Air	Berkshire Environmental	Particulate Matter	6/8/04
Ambient Air Particulate Matter Sampling	Background Location	6/3/04	Air	Berkshire Environmental	Particulate Matter	6/8/04
Ambient Air Particulate Matter Sampling	North of OPCAs	6/7/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	6/7/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	6/7/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	6/7/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
Ambient Air Particulate Matter Sampling	West of OPCAs	6/7/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
Ambient Air Particulate Matter Sampling	Background Location	6/7/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
PCB Ambient Air Sampling	Southwest of OPCAs	6/17 - 6/18/04	Air	Berkshire Environmental	PCB	6/29/04
PCB Ambient Air Sampling	Southwest of OPCAs colocated	6/17 - 6/18/04	Air	Berkshire Environmental	PCB	6/29/04
PCB Ambient Air Sampling	West of OPCAs	6/17 - 6/18/04	Air	Berkshire Environmental	PCB	6/29/04
PCB Ambient Air Sampling	North of OPCAs	6/17 - 6/18/04	Air	Berkshire Environmental	PCB	6/29/04
PCB Ambient Air Sampling	Southeast of OPCAs	6/17 - 6/18/04	Air	Berkshire Environmental	PCB	6/29/04
PCB Ambient Air Sampling	Pittsfield Generating (PGE)	6/17 - 6/18/04	Air	Berkshire Environmental	PCB	6/29/04
PCB Ambient Air Sampling	Background Inside GE Gate 31	6/17 - 6/18/04	Air	Berkshire Environmental	PCB	6/29/04

TABLE 5-2
AIR SAMPLE DATA RECEIVED DURING JUNE 2004

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

Date	Southwest of OPCAs (µg/m^3)	Southwest of OPCAs colocated (µg/m^3)	West of OPCAs (µg/m^3)	North of OPCAs (µg/m^3)	Southeast of OPCAs (µg/m^3)	Pittsfield Generating (PGE) (µg/m^3)	Background Inside GE Gate 31 (µg/m^3)
06/17 - 06/18/04	0.0032	0.0023	0.0026	0.0030	0.0065	0.0152	0.0026
Notification Level	0.05	0.05	0.05	0.05	0.05	0.05	0.05

TABLE 5-3
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING JUNE 2004

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

Date	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
06/01/04[1]	North of OPCAs Pittsfield Generating Co. Southeast of OPCAs Southwest of OPCAs West of OPCAs	NA	NA	NA	NA
06/02/04[1]	North of OPCAs Pittsfield Generating Co. Southeast of OPCAs Southwest of OPCAs West of OPCAs	NA	NA	NA	NA
06/03/04	North of OPCAs Pittsfield Generating Co. Southeast of OPCAs Southwest of OPCAs West of OPCAs	0.004 0.006* 0.018 0.009* 0.005	0.004*	12:00 12:00 12:00 11:00 12:00	WNW
06/04/04[2]	North of OPCAs Pittsfield Generating Co. Southeast of OPCAs Southwest of OPCAs West of OPCAs	NA	NA	NA	NA
06/07/04	North of OPCAs Pittsfield Generating Co. Southeast of OPCAs Southwest of OPCAs West of OPCAs	0.017 0.019* 0.034 0.018* 0.026	0.016*	10:30 10:30 10:30 10:30 10:30	W, WNW
06/08 - 06/11/04[2]	North of OPCAs Pittsfield Generating Co. Southeast of OPCAs Southwest of OPCAs West of OPCAs	NA	NA	NA	NA
06/14 - 06/16/04[2]	North of OPCAs Pittsfield Generating Co. Southeast of OPCAs Southwest of OPCAs West of OPCAs	NA	NA	NA	NA
06/17/04[1]	North of OPCAs Pittsfield Generating Co. Southeast of OPCAs Southwest of OPCAs West of OPCAs	NA	NA	NA	NA
06/18/04[2]	North of OPCAs Pittsfield Generating Co. Southeast of OPCAs Southwest of OPCAs West of OPCAs	NA	NA	NA	NA
06/21/04[2]	North of OPCAs Pittsfield Generating Co. Southeast of OPCAs Southwest of OPCAs West of OPCAs	NA	NA	NA	NA

TABLE 5-3
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING JUNE 2004

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

Date	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
06/22/04[1]	North of OPCAs Pittsfield Generating Co. Southeast of OPCAs Southwest of OPCAs West of OPCAs	NA	NA	NA	NA
06/23 - 06/25/04[2]	North of OPCAs Pittsfield Generating Co. Southeast of OPCAs Southwest of OPCAs West of OPCAs	NA	NA	NA	NA
Notification Level		0.120			

NA - Not Available

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

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

[1] Sampling was not performed due to precipitation/threat of precipitation.

[2] Sampling was not performed due to lack of site activity.

TABLE 5-4
BUILDING 71 CONSOLIDATION AREA LEACHATE TRANSFER SUMMARY
PLANT AREA - HILL 78 & BUILDING 71 CONSOLIDATION AREAS

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

Month / Year	Total Volume of Leachate Transferred (Gallons)
June 2003	65,000
July 2003	53,000
August 2003	122,500
September 2003	94,000
October 2003	84,000
November 2003	86,500
December 2003	102,500
January 2004	35,000
February 2004	30,000
March 2004	98,000
April 2004	107,000
May 2004	164,500
June 2004	147,500

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)
JUNE 2004

a. Activities Undertaken/Completed

Conducted miscellaneous sampling (as identified in Table 6-1).

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Attend technical meeting with EPA and MDEP on July 21, 2004 to discuss the proposed pre-design investigation.*

- Following EPA approval of Pre-Design Investigation Work Plan (submitted February 26, 2004), initiate pre-design soil sampling.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 6-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JUNE 2004

HILL 78 AREA-REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Renau Bucket Decon Re-Wipe Sampling	RENAU-BUCKET-W3-R3	5/28/04	Wipe	CT&E	PCB	6/1/04

TABLE 6-2
PCB DATA RECEIVED DURING JUNE 2004

RENAU BUCKET DECON RE-WIPE SAMPLING
HILL 78 AREA-REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in µg/100cm^2)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248, -1254	Aroclor-1260	Total PCBs
RENAU-BUCKET-W3-R3	5/28/2004	ND(1.0)	0.53 J	0.53 J

Notes:

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

Data Qualifiers:

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

ITEM 7
PLANT AREA
UNKAMET BROOK AREA
(GECD170)
JUNE 2004

a. Activities Undertaken/Completed

- Continued pre-design investigation soil sampling.*
- Conducted other miscellaneous sampling as identified in Table 7-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted proposed excavation plan to support facility upgrade project (June 29, 2004).

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

- Continue pre-design investigation soil sampling.*
- Following EPA approval of additional sampling proposed in the Interim Pre-Design Investigation Report (submitted February 18, 2004), conduct such additional sampling.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
General Dynamics OP-1 Pier Supports Excavation Soil Sampling	OP-1-DUP-1 (OP-1-EF24-27-SOIL-1)	6/15/04	0-1	Soil	CT&E	PCB	6/17/04
General Dynamics OP-1 Pier Supports Excavation Soil Sampling	OP-1-EF24-27-SOIL-1	6/15/04	0-1	Soil	CT&E	PCB	6/17/04
General Dynamics OP-1 Pier Supports Excavation Soil Sampling	OP-1-EF24-27-SOIL-2	6/15/04	0-1	Soil	CT&E	PCB	6/17/04
General Dynamics OP-1 Pier Supports Excavation Soil Sampling	OP-1-EF24-27-SOIL-3	6/15/04	0-1	Soil	CT&E	PCB	6/17/04
General Dynamics OP-1 Pier Supports Excavation Soil Sampling	OP-1-EF24-27-SOIL-C1	6/15/04	0-1	Soil	CT&E	TCLP	
Pre-Design Soil Investigation Sampling	RAA10-DUP-53 (RAA10-N-AA24)	5/11/04	3-6	Soil	CT&E	PCB	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-54 (RAA10-N-CC22)	5/12/04	3-6	Soil	CT&E	PCB	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-55 (RAA10-E-O20)	5/13/04	0-1	Soil	CT&E	PCB	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-56 (RAA10-E-I20)	5/17/04	0-1	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-57 (RAA10-E-I20)	5/17/04	0-1	Soil	CT&E	VOC	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-58 (RAA10-E-H23)	5/18/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-59 (RAA10-E-H18)	5/19/04	1-3	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-60 (RAA10-E-F21)	5/19/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-61 (RAA10-E-B22)	5/20/04	1-3	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-62 (RAA10-E-B22)	5/20/04	1-3	Soil	CT&E	VOC	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-63 (RAA10-E-B24)	5/25/04	6-15	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-64 (RAA10-E-D27)	5/26/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-65 (RAA10-E-L22)	5/27/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-66 (RAA10-E-L22)	5/27/04	8-10	Soil	CT&E	VOC	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-67 (RAA10-E-L28)	5/28/04	3-6	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-74 (RAA10-E-U16)	6/4/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-76 (RAA10-E-BB19)	6/8/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-79 (RAA10-E-V22)	6/14/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-80 (RAA10-E-X18)	6/16/04	6-15	Soil	CT&E	PCB	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-81 (RAA10-E-Z20)	6/21/04	0-1	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-DUP-82 (RAA10-E-Z20)	6/21/04	0-1	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-DUP-83 (RAA10-E-EE24)	6/21/04	0-1	Soil	CT&E	PCB	6/25/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-84 (RAA10-E-GG14)	6/30/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-A21	5/20/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-A22	5/26/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-AA15	6/7/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-AA16	6/7/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-AA17	6/7/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-AA18	6/7/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-AA19	6/7/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-AA20	6/7/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-AA21	6/7/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-AA22	6/7/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-B21	5/20/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-B22	5/20/04	3-6	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-B22	5/20/04	6-15	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-B22	5/20/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-B22	5/20/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-B23	5/26/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-B24	5/25/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-B24	5/25/04	1-3	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-B24	5/25/04	3-6	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-B24	5/25/04	6-15	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-BB16	6/22/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-BB16	6/22/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-BB16	6/22/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics	

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

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Investigation Sampling	RAA10-E-BB16	6/22/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-BB16	6/22/04	4-6	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-BB16	6/22/04	8-10	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-BB17	6/8/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-BB18	6/22/04	1-3	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-BB18	6/22/04	3-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-BB18	6/22/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-BB18	6/22/04	0-1	Soil	CT&E	VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-BB19	6/8/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-BB20	6/21/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-BB20	6/21/04	1-3	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-BB20	6/21/04	3-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-BB20	6/21/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-BB21	6/8/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-BB22	6/21/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-BB22	6/21/04	1-3	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-BB22	6/21/04	3-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-BB22	6/21/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-BB23	6/8/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-C20	5/20/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-C21	5/20/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-C22	5/20/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-C23	5/26/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-C24	5/26/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-C25	5/26/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-C26	5/26/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-CC15	6/9/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-CC16	6/9/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-CC17	6/9/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-CC18	6/9/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-CC19	6/9/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-CC20	6/9/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-CC21	6/9/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-CC22	6/7/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-CC23	6/9/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-D21	5/20/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-D22	5/20/04	1-3	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-D22	5/20/04	3-6	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-D22	5/20/04	6-15	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-D22	5/20/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-D22	5/20/04	6-15	Soil	CT&E	PCDD/PCDF	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-D23	5/17/04	0-1	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-D24	5/17/04	1-3	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-D24	5/17/04	3-6	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-D24	5/17/04	6-15	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-D24	5/17/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-D25	5/26/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-D26	5/26/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-D26	5/26/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-D26	5/26/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-D26	5/26/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/16/04

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

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Investigation Sampling	RAA10-E-D26	5/26/04	4-5	Soil	CT&E	VOC	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-D26	5/26/04	8-10	Soil	CT&E	VOC	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-D27	5/26/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-DD15	6/9/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-DD17	6/9/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-DD19	6/9/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-DD20	6/22/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-DD20	6/22/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-DD20	6/22/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-DD20	6/22/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-DD20	6/22/04	4-6	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-DD20	6/22/04	8-10	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-DD21	6/9/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-DD23	6/9/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-DUP-77 (RAA10-E-CC16)	6/9/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-DUP-78 (RAA10-E-CC21)	6/9/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-DUP68 (RAA10-E-P25)	6/1/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-DUP69 (RAA10-E-R24)	6/2/04	1-3	Soil	CT&E	PCB, SVOC	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-DUP70 (RAA10-E-R24)	6/2/04	4-6	Soil	CT&E	VOC	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-DUP71 (RAA10-E-S20)	6/2/04	0-1	Soil	CT&E	PCB	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-DUP72 (RAA10-E-R24)	6/2/04	3-6	Soil	CT&E	Inorganics	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-DUP73 (RAA10-E-R24)	6/2/04	6-15	Soil	CT&E	PCDD/PCDF	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-DUP75 (RAA10-E-W17)	6/7/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-E19	5/19/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-E20	5/20/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-E21	5/20/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-E22	5/17/04	0-1	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-E23	5/17/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-E24	5/17/04	0-1	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-E25	5/18/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-E26	5/26/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-E27	5/27/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-E28	5/27/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-EE14	6/9/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-EE15	6/10/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-EE16	6/10/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-EE17	6/10/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-EE18	6/10/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-EE19	6/10/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-EE20	6/10/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-EE21	6/21/04	0-1	Soil	CT&E	PCB	6/25/04
Pre-Design Soil Investigation Sampling	RAA10-E-EE22	6/21/04	0-1	Soil	CT&E	PCB	6/25/04
Pre-Design Soil Investigation Sampling	RAA10-E-EE23	6/21/04	0-1	Soil	CT&E	PCB	6/25/04
Pre-Design Soil Investigation Sampling	RAA10-E-EE24	6/21/04	0-1	Soil	CT&E	PCB	6/25/04
Pre-Design Soil Investigation Sampling	RAA10-E-F19	5/19/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-F20	5/20/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-F20	5/20/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-F20	5/20/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-F20	5/20/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-F20	5/20/04	4-6	Soil	CT&E	VOC	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-F20	5/20/04	6-8	Soil	CT&E	VOC	6/14/04

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

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Investigation Sampling	RAA10-E-F21	5/19/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-F25	5/18/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-F26	5/25/04	1-3	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-F26	5/25/04	3-6	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-F26	5/25/04	6-15	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-F26	5/25/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-F27	5/27/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-F28	5/25/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-F28	5/25/04	3-6	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-F28	5/25/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-F28	5/25/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-F28	5/25/04	6-8	Soil	CT&E	VOC	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-FF15	6/21/04	0-1	Soil	CT&E	PCB	6/25/04
Pre-Design Soil Investigation Sampling	RAA10-E-FF17	6/21/04	0-1	Soil	CT&E	PCB	6/25/04
Pre-Design Soil Investigation Sampling	RAA10-E-FF19	6/21/04	0-1	Soil	CT&E	PCB	6/25/04
Pre-Design Soil Investigation Sampling	RAA10-E-FF21	6/21/04	0-1	Soil	CT&E	PCB	6/25/04
Pre-Design Soil Investigation Sampling	RAA10-E-FF23	6/21/04	0-1	Soil	CT&E	PCB	6/25/04
Pre-Design Soil Investigation Sampling	RAA10-E-G19	5/19/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-G20	5/19/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-G21	5/19/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-G24	5/18/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-G25	5/26/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-G26	5/26/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-G27	5/26/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-G28	5/26/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-G29	5/27/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-GG14	6/30/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-GG15	6/30/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-GG16	6/30/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-GG17	6/30/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-GG18	6/30/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-GG19	6/30/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-GG20	6/30/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-GG21	6/30/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-GG22	6/30/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-GG23	6/30/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-GG24	6/30/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-GG25	6/30/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-H18	5/19/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-H18	5/19/04	1-3	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-H18	5/19/04	3-6	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-H18	5/19/04	6-15	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-H19	5/17/04	0-1	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-H21	5/17/04	0-1	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-H23	5/18/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-H24	5/18/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-H24	5/18/04	1-3	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-H24	5/18/04	3-6	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-H24	5/18/04	6-15	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-H25	5/26/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-H26	5/26/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/16/04

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

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Investigation Sampling	RAA10-E-H26	5/26/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-H26	5/26/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-H26	5/26/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-H26	5/26/04	4-6	Soil	CT&E	VOC	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-H26	5/26/04	8-10	Soil	CT&E	VOC	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-H27	5/26/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-H28	5/27/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-H28	5/27/04	1-3	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-H28	5/27/04	3-6	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-H28	5/27/04	6-15	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-H29	5/27/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-HH15	6/30/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-HH17	6/30/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-HH19	6/30/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-HH21	6/30/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-HH23	6/30/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-HH25	6/30/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-I18	5/19/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-I19	5/17/04	0-1	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-I20	5/17/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-I21	5/17/04	0-1	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-I23	5/18/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-I24	5/27/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-I25	5/27/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-I26	5/27/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-I27	5/27/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-I28	5/27/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-I29	5/27/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-I30	5/27/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-J17	5/19/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-J18	5/17/04	0-1	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-J18	5/17/04	1-3	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-J18	5/17/04	3-6	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-J18	5/17/04	6-15	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-J22	5/25/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-J22	5/25/04	1-3	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-J22	5/25/04	3-6	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-J22	5/25/04	6-15	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-J23	6/1/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-J24	5/26/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-J24	5/26/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-J24	5/26/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-J24	5/26/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-J24	5/26/04	10-12	Soil	CT&E	VOC	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-J24	5/26/04	4-6	Soil	CT&E	VOC	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-J25	6/1/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-J26	5/25/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-J26	5/25/04	1-3	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-J26	5/25/04	3-6	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-J26	5/25/04	6-15	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-J27	6/1/04	0-1	Soil	CT&E	PCB	6/16/04

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

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Investigation Sampling	RAA10-E-J28	5/27/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-J28	5/27/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-J28	5/27/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-J28	5/27/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-J28	5/27/04	4-6	Soil	CT&E	VOC	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-J28	5/27/04	6-8	Soil	CT&E	VOC	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-J29	5/27/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-K16	5/19/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-K17	5/19/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-K18	5/17/04	0-1	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-K22	6/1/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-K22	6/9/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-K23	6/1/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-K24	6/1/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-K25	6/1/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-K26	6/1/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-K28	6/1/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-K29	6/1/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-L16	5/18/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-L16	5/18/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-L16	5/18/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-L16	5/18/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-L16	5/18/04	10-12	Soil	CT&E	VOC	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-L16	5/18/04	4-6	Soil	CT&E	VOC	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-L17	5/17/04	0-1	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-L22	5/27/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-L22	5/27/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-L22	5/27/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-L22	5/27/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-L22	5/27/04	4-6	Soil	CT&E	VOC	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-L22	5/27/04	8-10	Soil	CT&E	VOC	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-L23	6/1/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-L24	5/10/04	0-1	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-L24	5/10/04	1-3	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-L24	5/10/04	6-15	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-L24	5/10/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-L24	5/10/04	4-6	Soil	CT&E	VOC	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-L25	6/1/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-L26	5/10/04	0-1	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-L26	5/10/04	1-3	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-L26	5/10/04	3-6	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-L26	5/10/04	6-15	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-L27	6/1/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-L28	5/28/04	3-6	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-L28	5/28/04	6-15	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-L28	5/28/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-M15	5/13/04	0-1	Soil	CT&E	PCB	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-E-M16	5/13/04	0-1	Soil	CT&E	PCB	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-E-M17	5/17/04	0-1	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-M21	6/1/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-M22	6/1/04	0-1	Soil	CT&E	PCB	6/16/04

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

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Investigation Sampling	RAA10-E-M23	6/1/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-M24	6/1/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-M25	6/1/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-M26	6/1/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-M27	6/1/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-M27	6/7/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-M28	6/1/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-N15	5/19/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-N16	5/18/04	3-6	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-N16	5/18/04	6-15	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-N16	5/18/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-N16	5/18/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-N17	5/13/04	0-1	Soil	CT&E	PCB	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-E-N18	5/18/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-N18	5/18/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-N18	5/18/04	6-15	Soil	CT&E	PCB, SVOC, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-N18	5/18/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-N18	5/18/04	10-12	Soil	CT&E	VOC	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-N18	5/18/04	4-6	Soil	CT&E	VOC	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-N19	5/18/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-N20	5/18/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-N20	5/18/04	1-3	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-N20	5/18/04	3-6	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-N20	5/18/04	6-15	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-N21	6/1/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-N22	5/10/04	1-3	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-N22	5/10/04	3-6	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-N22	5/10/04	6-15	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-N22	5/10/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-N23	6/1/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-N24	5/10/04	0-1	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-N24	5/10/04	3-6	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-N24	5/10/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-N24	5/10/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-N24	5/10/04	8-10	Soil	CT&E	VOC	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-N25	6/1/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-N26	5/28/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-N26	5/28/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-N26	5/28/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-N26	5/28/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-N26	5/28/04	4-6	Soil	CT&E	VOC	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-N26	5/28/04	6-8	Soil	CT&E	VOC	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-N27	6/1/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-O15	5/19/04	0-1	Soil	CT&E	VOC, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-O16	5/19/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-O18	5/18/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-O19	5/13/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-E-O20	5/13/04	0-1	Soil	CT&E	PCB	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-E-O21	5/13/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-E-O22	6/1/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-O23	6/1/04	0-1	Soil	CT&E	PCB	6/16/04

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

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Investigation Sampling	RAA10-E-O24	6/1/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-O25	6/1/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-O26	6/1/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-P15	5/19/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-P15	5/19/04	3-6	Soil	CT&E	SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-P15	5/19/04	6-15	Soil	CT&E	SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-P15	5/19/04	4-6	Soil	CT&E	VOC	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-P15	5/19/04	8-10	Soil	CT&E	VOC	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-P15	5/19/04	1-3	Soil	CT&E	VOC, SVOC, Inorganics, PCDD/PCDF	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-P16	6/18/04	1-3	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-P16	6/18/04	3-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-P16	6/18/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-P16	6/18/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA10-E-P17	6/17/04	0-1	Soil	CT&E	PCB	6/30/04
Pre-Design Soil Investigation Sampling	RAA10-E-P18	6/17/04	0-1	Soil	CT&E	PCB	6/30/04
Pre-Design Soil Investigation Sampling	RAA10-E-P18	6/17/04	1-3	Soil	CT&E	PCB	6/30/04
Pre-Design Soil Investigation Sampling	RAA10-E-P18	6/17/04	6-15	Soil	CT&E	PCB	6/30/04
Pre-Design Soil Investigation Sampling	RAA10-E-P18	6/17/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/30/04
Pre-Design Soil Investigation Sampling	RAA10-E-P18	6/17/04	4-6	Soil	CT&E	VOC	6/30/04
Pre-Design Soil Investigation Sampling	RAA10-E-P19	6/17/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/30/04
Pre-Design Soil Investigation Sampling	RAA10-E-P20	6/16/04	1-3	Soil	CT&E	PCB	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-P20	6/16/04	3-6	Soil	CT&E	PCB	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-P20	6/16/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-P20	6/16/04	6-8	Soil	CT&E	VOC	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-P21	5/18/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-P22	5/10/04	1-3	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-P22	5/10/04	3-6	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-P22	5/10/04	6-15	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-P22	5/10/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-P23	6/2/04	0-1	Soil	CT&E	PCB	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-P24	5/10/04	0-1	Soil	CT&E	PCB	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-P24	5/10/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-P24	5/10/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-P24	5/10/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-P24	5/10/04	4-6	Soil	CT&E	VOC	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-P24	5/10/04	6-8	Soil	CT&E	VOC	6/11/04
Pre-Design Soil Investigation Sampling	RAA10-E-P25	6/1/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-P26	5/28/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-P26	5/28/04	1-3	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-P26	5/28/04	3-6	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-P26	5/28/04	6-15	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-Q15	5/19/04	0-1	Soil	CT&E	PCB	6/14/04
Pre-Design Soil Investigation Sampling	RAA10-E-Q16	6/2/04	0-1	Soil	CT&E	PCB	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-Q17	6/2/04	0-1	Soil	CT&E	PCB	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-Q18	6/2/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-Q19	6/2/04	0-1	Soil	CT&E	PCB	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-Q20	6/2/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-Q21	6/2/04	0-1	Soil	CT&E	PCB	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-Q23	6/1/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-Q24	6/1/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-Q25	6/1/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/16/04

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

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Investigation Sampling	RAA10-E-R15	6/17/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/30/04
Pre-Design Soil Investigation Sampling	RAA10-E-R17	6/2/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-R18	6/9/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-R18	6/9/04	1-3	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-R18	6/9/04	3-6	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-R18	6/9/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-R18	6/9/04	6-8	Soil	CT&E	VOC	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-R19	6/2/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-R20	6/16/04	0-1	Soil	CT&E	PCB	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-R20	6/16/04	6-15	Soil	CT&E	PCB	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-R20	6/16/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-R20	6/16/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-R20	6/16/04	4-6	Soil	CT&E	VOC	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-R21	6/2/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-R22	6/11/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-R22	6/11/04	1-3	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-R22	6/11/04	3-6	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-R22	6/11/04	6-15	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-R23	6/2/04	0-1	Soil	CT&E	PCB	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-R24	6/2/04	0-1	Soil	CT&E	PCB	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-R24	6/2/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-R24	6/2/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-R24	6/2/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-R24	6/2/04	4-6	Soil	CT&E	VOC	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-R24	6/2/04	6-8	Soil	CT&E	VOC	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-R25	6/1/04	0-1	Soil	CT&E	PCB	6/16/04
Pre-Design Soil Investigation Sampling	RAA10-E-S15	6/17/04	0-1	Soil	CT&E	PCB	6/30/04
Pre-Design Soil Investigation Sampling	RAA10-E-S16	6/4/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-S17	6/2/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-S18	6/2/04	0-1	Soil	CT&E	VOC, SVOC, Inorganics, PCDD/PCDF	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-S19	6/2/04	0-1	Soil	CT&E	PCB	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-S20	6/2/04	0-1	Soil	CT&E	PCB	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-S21	6/2/04	0-1	Soil	CT&E	PCB	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-S22	6/2/04	0-1	Soil	CT&E	PCB	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-S23	6/2/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/18/04
Pre-Design Soil Investigation Sampling	RAA10-E-S24	6/4/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-T16	6/18/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-T16	6/18/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-T16	6/18/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-T16	6/18/04	3-4	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-T16	6/18/04	6-8	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-T17	6/4/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-T18	6/11/04	1-3	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-T18	6/11/04	3-6	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-T18	6/11/04	6-15	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-T18	6/11/04	0-1	Wipe	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-T19	6/4/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-T20	6/14/04	1-3	Soil	CT&E	PCB	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-T20	6/14/04	3-6	Soil	CT&E	PCB	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-T20	6/14/04	6-15	Soil	CT&E	PCB	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-T20	6/14/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/28/04

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

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Investigation Sampling	RAA10-E-T21	6/4/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-T22	6/9/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-T22	6/9/04	6-15	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-T22	6/9/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-T22	6/9/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-T22	6/9/04	3-4	Soil	CT&E	VOC	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-T23	6/4/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-T24	6/9/04	1-3	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-T24	6/9/04	3-6	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-T24	6/9/04	6-15	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-U15	6/17/04	0-1	Soil	CT&E	PCB	6/30/04
Pre-Design Soil Investigation Sampling	RAA10-E-U16	6/4/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-U17	6/4/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-U18	6/4/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-U20	6/4/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-U21	6/4/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-U22	6/4/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-U23	6/4/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-V15	6/4/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-V16	6/15/04	1-3	Soil	CT&E	PCB	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-V16	6/15/04	3-6	Soil	CT&E	PCB	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-V16	6/15/04	6-15	Soil	CT&E	PCB	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-V16	6/15/04	0-1	Soil	CT&E	VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-V17	6/4/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-V18	6/15/04	0-1	Soil	CT&E	PCB	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-V18	6/15/04	6-15	Soil	CT&E	PCB	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-V18	6/15/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-V18	6/15/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-V18	6/15/04	4-6	Soil	CT&E	VOC	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-V19	6/4/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-V20	6/14/04	0-1	Soil	CT&E	PCB	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-V20	6/14/04	1-3	Soil	CT&E	PCB	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-V20	6/14/04	3-6	Soil	CT&E	PCB	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-V20	6/14/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-V20	6/14/04	8-10	Soil	CT&E	VOC	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-V21	6/4/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-V22	6/14/04	6-15	Soil	CT&E	PCB	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-V22	6/14/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-V22	6/14/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-V22	6/14/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-V22	6/14/04	3-4	Soil	CT&E	VOC	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-W15	6/7/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-W16	6/7/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-W17	6/7/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-W18	6/7/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-W19	6/7/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-W20	6/7/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-W21	6/7/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-W22	6/7/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-X16	6/15/04	0-1	Soil	CT&E	PCB	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-X16	6/15/04	6-15	Soil	CT&E	PCB	6/28/04

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

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Investigation Sampling	RAA10-E-X16	6/15/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-X16	6/15/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-X16	6/15/04	3-4	Soil	CT&E	VOC	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-X17	6/7/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-X18	6/16/04	1-3	Soil	CT&E	PCB	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-X18	6/16/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-X18	6/16/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-X18	6/16/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-X18	6/16/04	4-6	Soil	CT&E	VOC	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-X18	6/16/04	6-8	Soil	CT&E	VOC	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-X20	6/16/04	1-3	Soil	CT&E	PCB	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-X20	6/16/04	3-6	Soil	CT&E	PCB	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-X20	6/16/04	6-15	Soil	CT&E	PCB	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-X20	6/16/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	6/28/04
Pre-Design Soil Investigation Sampling	RAA10-E-Y16	6/7/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-Y17	6/7/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-Y18	6/7/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-Y19	6/7/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-Y20	6/7/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-Y21	6/7/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-Z15	6/7/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-Z16	6/21/04	1-3	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-Z16	6/21/04	3-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-Z16	6/21/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-Z16	6/21/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-Z16	6/21/04	8-10	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-Z17	6/7/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-Z18	6/21/04	1-3	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-Z18	6/21/04	3-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-Z18	6/21/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-Z18	6/21/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-Z19	6/7/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-Z20	6/21/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-Z20	6/21/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-Z20	6/21/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-Z20	6/21/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-Z20	6/21/04	4-6	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-Z20	6/21/04	8-10	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-Z21	6/7/04	0-1	Soil	CT&E	PCB	6/22/04
Pre-Design Soil Investigation Sampling	RAA10-E-Z22	6/21/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-Z22	6/21/04	1-3	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-Z22	6/21/04	3-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-Z22	6/21/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-AA24	5/11/04	0-1	Soil	CT&E	PCB	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-AA24	5/11/04	3-6	Soil	CT&E	PCB	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-AA24	5/11/04	6-15	Soil	CT&E	PCB	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-AA24	5/11/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-BB24	5/11/04	0-1	Soil	CT&E	PCB	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-BB24	5/11/04	1-3	Soil	CT&E	PCB	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-BB24	5/11/04	3-6	Soil	CT&E	PCB	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-BBCC23.5	5/11/04	0-1	Soil	CT&E	PCB	6/3/04

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

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Investigation Sampling	RAA10-N-BBCC23.5	5/11/04	3-6	Soil	CT&E	PCB	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-BBCC23.5	5/11/04	6-15	Soil	CT&E	PCB	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-BBCC23.5	5/11/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, Pest, Herb	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-CC22	5/12/04	3-6	Soil	CT&E	PCB	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-CC22	5/12/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-CC22	5/12/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-CC22	5/12/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-CC22	5/12/04	8-10	Soil	CT&E	VOC	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-DD23.5	5/11/04	0-1	Soil	CT&E	PCB	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-DD23.5	5/11/04	1-3	Soil	CT&E	PCB	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-DD23.5	5/11/04	6-15	Soil	CT&E	PCB	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-DD23.5	5/11/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, Pest, Herb	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-DD23.5	5/11/04	4-6	Soil	CT&E	VOC	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-Y20	5/12/04	1-3	Soil	CT&E	PCB	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-Y20	5/12/04	6-15	Soil	CT&E	PCB	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-Y20	5/12/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-Y20	5/12/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-Y20	5/12/04	3-4	Soil	CT&E	VOC	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-Z20.5	5/12/04	0-1	Soil	CT&E	PCB	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-Z20.5	5/12/04	1-3	Soil	CT&E	PCB	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-Z20.5	5/12/04	3-6	Soil	CT&E	PCB	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-Z20.5	5/12/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, Pest, Herb	6/3/04
Pre-Design Soil Investigation Sampling	RAA10-N-Z20.5	5/12/04	14-15	Soil	CT&E	VOC	6/3/04

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

TABLE 7-2
PCB DATA RECEIVED DURING JUNE 2004

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA10-E-A21	0-1	5/20/2004	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
RAA10-E-A22	0-1	5/26/2004	ND(0.035)	ND(0.035)	0.080	0.080
RAA10-E-AA15	0-1	6/7/2004	ND(0.041)	0.40	0.24	0.64
RAA10-E-AA16	0-1	6/7/2004	ND(0.049)	0.065	0.17	0.235
RAA10-E-AA17	0-1	6/7/2004	ND(0.052)	0.063	0.15	0.213
RAA10-E-AA18	0-1	6/7/2004	ND(0.051)	ND(0.051)	0.064	0.064
RAA10-E-AA19	0-1	6/7/2004	ND(0.052)	ND(0.052)	0.28	0.28
RAA10-E-AA20	0-1	6/7/2004	ND(0.051)	ND(0.051)	0.17	0.17
RAA10-E-AA21	0-1	6/7/2004	ND(0.053)	0.066	0.15	0.216
RAA10-E-AA22	0-1	6/7/2004	ND(0.065)	ND(0.065)	0.051 J	0.051 J
RAA10-E-B21	0-1	5/20/2004	ND(0.035)	0.17	0.22	0.39
RAA10-E-B22	0-1	5/20/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-3	5/20/2004	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]
	3-6	5/20/2004	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	6-15	5/20/2004	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
RAA10-E-B23	0-1	5/26/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-E-B24	0-1	5/25/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	1-3	5/25/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	3-6	5/25/2004	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	6-15	5/25/2004	ND(0.045) [ND(0.046)]	ND(0.045) [ND(0.046)]	ND(0.045) [ND(0.046)]	ND(0.045) [ND(0.046)]
RAA10-E-BB17	0-1	6/8/2004	ND(0.054)	0.15	0.52	0.67
RAA10-E-BB19	0-1	6/8/2004	ND(0.053) [ND(0.053)]	0.18 [ND(0.053)]	0.68 [0.034 J]	0.86 [0.034 J]
RAA10-E-BB21	0-1	6/8/2004	ND(0.050)	ND(0.050)	0.040 J	0.040 J
RAA10-E-BB23	0-1	6/8/2004	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
RAA10-E-C20	0-1	5/20/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA10-E-C21	0-1	5/20/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-E-C22	0-1	5/20/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-E-C23	0-1	5/26/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-E-C24	0-1	5/26/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-E-C25	0-1	5/26/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-E-C26	0-1	5/26/2004	ND(0.035)	0.092	0.51	0.602
RAA10-E-CC15	0-1	6/9/2004	ND(0.047)	ND(0.047)	0.10	0.10
RAA10-E-CC16	0-1	6/9/2004	ND(0.048) [ND(0.056)]	0.052 [0.052 J]	0.14 [0.15]	0.192 [0.202]
RAA10-E-CC17	0-1	6/9/2004	ND(0.050)	0.037 J	0.14	0.177
RAA10-E-CC18	0-1	6/9/2004	ND(0.052)	0.034 J	0.11	0.144
RAA10-E-CC19	0-1	6/9/2004	ND(0.050)	0.032 J	0.12	0.152
RAA10-E-CC20	0-1	6/9/2004	ND(0.054)	0.052 J	0.14	0.192
RAA10-E-CC21	0-1	6/9/2004	ND(0.048) [ND(0.047)]	0.036 J [ND(0.047)]	0.058 [ND(0.047)]	0.094 [ND(0.047)]
RAA10-E-CC22	0-1	6/7/2004	ND(0.058)	0.33	0.082	0.412
RAA10-E-CC23	0-1	6/9/2004	ND(0.052)	0.034 J	0.076	0.11
RAA10-E-D21	0-1	5/20/2004	ND(0.035)	0.017 J	0.012 J	0.029 J
RAA10-E-D22	0-1	5/20/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-3	5/20/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	3-6	5/20/2004	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	6-15	5/20/2004	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA10-E-D23	0-1	5/17/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-E-D24	0-1	5/17/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-3	5/17/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	3-6	5/17/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	6-15	5/17/2004	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
RAA10-E-D25	0-1	5/26/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-E-D26	0-1	5/26/2004	ND(0.036)	0.034 J	0.044	0.078
	1-3	5/26/2004	ND(0.036)	0.050	0.044	0.094
	3-6	5/26/2004	ND(0.043)	0.034 J	0.024 J	0.058 J
	6-15	5/26/2004	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
RAA10-E-D27	0-1	5/26/2004	ND(0.039) [ND(0.038)]	0.60 [0.88]	0.50 [1.0]	1.1 [1.88]
RAA10-E-DD15	0-1	6/9/2004	ND(0.050)	0.038 J	0.14	0.178

TABLE 7-2
PCB DATA RECEIVED DURING JUNE 2004

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA10-E-DD17	0-1	6/9/2004	ND(0.048)	ND(0.048)	0.055	0.055
RAA10-E-DD19	0-1	6/9/2004	ND(0.055)	ND(0.055)	0.12	0.12
RAA10-E-DD21	0-1	6/9/2004	ND(0.055)	ND(0.055)	0.086	0.086
RAA10-E-DD23	0-1	6/9/2004	ND(0.048)	0.034 J	0.043 J	0.077 J
RAA10-E-E19	0-1	5/19/2004	ND(0.036)	0.058	0.094	0.152
RAA10-E-E20	0-1	5/20/2004	ND(0.036)	0.064	0.067	0.131
RAA10-E-E21	0-1	5/20/2004	ND(0.035)	0.22	0.048	0.268
RAA10-E-E22	0-1	5/17/2004	ND(0.036)	ND(0.036)	0.041	0.041
RAA10-E-E23	0-1	5/17/2004	ND(0.037)	ND(0.037)	0.026 J	0.026 J
RAA10-E-E24	0-1	5/17/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-E-E25	0-1	5/18/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-E-E26	0-1	5/26/2004	ND(0.036)	0.17	0.23	0.40
RAA10-E-E27	0-1	5/27/2004	ND(0.042)	ND(0.042)	0.44	0.44
RAA10-E-E28	0-1	5/27/2004	ND(0.043)	ND(0.043)	0.35	0.35
RAA10-E-EE14	0-1	6/9/2004	ND(0.056)	0.60	0.63	1.23
RAA10-E-EE15	0-1	6/10/2004	ND(0.051)	0.052	0.14	0.192
RAA10-E-EE16	0-1	6/10/2004	ND(0.048)	ND(0.048)	0.092	0.092
RAA10-E-EE17	0-1	6/10/2004	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
RAA10-E-EE18	0-1	6/10/2004	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
RAA10-E-EE19	0-1	6/10/2004	ND(0.059)	ND(0.059)	0.11	0.11
RAA10-E-EE20	0-1	6/10/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
RAA10-E-EE21	0-1	6/21/2004	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
RAA10-E-EE22	0-1	6/21/2004	ND(0.045)	ND(0.045)	0.021 J	0.021 J
RAA10-E-EE23	0-1	6/21/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA10-E-EE24	0-1	6/21/2004	ND(0.043) [ND(0.042)]	ND(0.043) [ND(0.042)]	ND(0.043) [ND(0.042)]	ND(0.043) [ND(0.042)]
RAA10-E-F19	0-1	5/19/2004	ND(0.038)	0.26	0.26	0.52
RAA10-E-F20	0-1	5/20/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-3	5/20/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	3-6	5/20/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	5/20/2004	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA10-E-F21	0-1	5/19/2004	ND(0.036) [ND(0.036)]	ND(0.036) [0.026 J]	ND(0.036) [ND(0.036)]	ND(0.036) [0.026 J]
RAA10-E-F25	0-1	5/18/2004	ND(0.036)	ND(0.036)	0.087	0.087
RAA10-E-F26	0-1	5/25/2004	ND(0.037)	ND(0.037)	0.52	0.52
	1-3	5/25/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	3-6	5/25/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	6-15	5/25/2004	ND(0.059)	ND(0.059)	ND(0.059)	ND(0.059)
RAA10-E-F27	0-1	5/27/2004	ND(0.037)	0.14	0.12	0.26
RAA10-E-F28	0-1	5/25/2004	ND(0.040)	0.46	0.70	1.16
	1-3	5/25/2004	ND(0.045)	ND(0.045)	0.57	0.57
	3-6	5/25/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	6-15	5/25/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA10-E-FF15	0-1	6/21/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA10-E-FF17	0-1	6/21/2004	ND(0.046)	ND(0.046)	0.029 J	0.029 J
RAA10-E-FF19	0-1	6/21/2004	ND(0.046)	ND(0.046)	0.035 J	0.035 J
RAA10-E-FF21	0-1	6/21/2004	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
RAA10-E-FF23	0-1	6/21/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA10-E-G19	0-1	5/19/2004	ND(0.035)	ND(0.035)	0.050	0.050
RAA10-E-G20	0-1	5/19/2004	ND(0.036)	0.14	0.092	0.232
RAA10-E-G21	0-1	5/19/2004	ND(0.035)	ND(0.035)	0.088	0.088
RAA10-E-G24	0-1	5/18/2004	ND(0.036)	0.044	0.030 J	0.074
RAA10-E-G25	0-1	5/26/2004	ND(0.035)	ND(0.035)	0.051	0.051
RAA10-E-G26	0-1	5/26/2004	ND(0.036)	0.095	0.070	0.165
RAA10-E-G27	0-1	5/26/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-E-G28	0-1	5/26/2004	ND(0.037)	0.79	0.29	1.08
RAA10-E-G29	0-1	5/27/2004	ND(0.040)	ND(0.040)	0.15	0.15
RAA10-E-H18	0-1	5/19/2004	ND(0.036)	0.12	0.068	0.188
	1-3	5/19/2004	ND(0.037) [ND(0.037)]	0.14 [0.036 J]	0.042 [ND(0.037)]	0.182 [0.036 J]

TABLE 7-2
PCB DATA RECEIVED DURING JUNE 2004

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
	3-6	5/19/2004	ND(0.045)	0.080	ND(0.045)	0.080
	6-15	5/19/2004	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA10-E-H19	0-1	5/17/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-E-H21	0-1	5/17/2004	ND(0.038)	ND(0.038)	0.089	0.089
RAA10-E-H23	0-1	5/18/2004	ND(0.036) [ND(0.036)]	ND(0.036) [0.28]	0.17 [0.50]	0.17 [0.78]
RAA10-E-H24	0-1	5/18/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	1-3	5/18/2004	ND(0.040)	ND(0.040)	0.045	0.045
	3-6	5/18/2004	ND(0.038)	ND(0.038)	0.074	0.074
	6-15	5/18/2004	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
RAA10-E-H25	0-1	5/26/2004	ND(0.036)	ND(0.036)	0.12	0.12
RAA10-E-H26	0-1	5/26/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-3	5/26/2004	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	3-6	5/26/2004	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	6-15	5/26/2004	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
RAA10-E-H27	0-1	5/26/2004	ND(0.038)	ND(0.038)	0.051	0.051
RAA10-E-H28	0-1	5/27/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-3	5/27/2004	ND(0.037)	0.32	0.19	0.51
	3-6	5/27/2004	ND(0.046)	0.16	0.066	0.226
	6-15	5/27/2004	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
RAA10-E-H29	0-1	5/27/2004	ND(0.39)	6.1	ND(0.39)	6.1
RAA10-E-I18	0-1	5/19/2004	ND(0.038)	0.45	0.17	0.62
RAA10-E-I19	0-1	5/17/2004	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
RAA10-E-I20	0-1	5/17/2004	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [0.019 J]	ND(0.036) [0.019 J]
RAA10-E-I21	0-1	5/17/2004	ND(0.036)	1.6	ND(0.036)	1.6
RAA10-E-I23	0-1	5/18/2004	ND(0.038)	0.49	0.81	1.3
RAA10-E-I24	0-1	5/27/2004	ND(0.037)	0.023 J	0.013 J	0.036 J
RAA10-E-I25	0-1	5/27/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA10-E-I26	0-1	5/27/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-E-I27	0-1	5/27/2004	ND(0.037)	ND(0.037)	0.022 J	0.022 J
RAA10-E-I28	0-1	5/27/2004	ND(0.041)	ND(0.041)	0.64	0.64
RAA10-E-I29	0-1	5/27/2004	ND(0.039)	ND(0.039)	0.94	0.94
RAA10-E-I30	0-1	5/27/2004	ND(0.042)	ND(0.042)	0.12	0.12
RAA10-E-J17	0-1	5/19/2004	ND(0.038)	0.32	0.14	0.46
RAA10-E-J18	0-1	5/17/2004	ND(0.035)	ND(0.035)	0.024 J	0.024 J
	1-3	5/17/2004	ND(0.036)	0.025 J	ND(0.036)	0.025 J
	3-6	5/17/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	5/17/2004	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)
RAA10-E-J22	0-1	5/25/2004	ND(0.038)	ND(0.038)	0.23	0.23
	1-3	5/25/2004	ND(0.036)	ND(0.036)	0.038	0.038
	3-6	5/25/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	5/25/2004	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
RAA10-E-J23	0-1	6/1/2004	ND(0.038)	0.13	0.21	0.34
RAA10-E-J24	0-1	5/26/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-3	5/26/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	3-6	5/26/2004	ND(0.040)	0.18	ND(0.040)	0.18
	6-15	5/26/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
RAA10-E-J25	0-1	6/1/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-E-J26	0-1	5/25/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	1-3	5/25/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	3-6	5/25/2004	ND(0.038)	0.20	0.030 J	0.23
	6-15	5/25/2004	ND(0.048)	ND(0.048)	0.050	0.050
RAA10-E-J27	0-1	6/1/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-E-J28	0-1	5/27/2004	ND(0.038)	0.082	0.16	0.242
	1-3	5/27/2004	ND(0.038)	0.031 J	0.067	0.098
	3-6	5/27/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	6-15	5/27/2004	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
RAA10-E-J29	0-1	5/27/2004	ND(0.039)	0.073	0.10	0.173

TABLE 7-2
PCB DATA RECEIVED DURING JUNE 2004

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA10-E-K16	0-1	5/19/2004	ND(0.037)	0.086	0.061	0.147
RAA10-E-K17	0-1	5/19/2004	ND(0.035)	ND(0.035)	0.026 J	0.026 J
RAA10-E-K18	0-1	5/17/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-E-K22	0-1	6/9/2004	ND(0.034)	ND(0.034)	0.052	0.052
RAA10-E-K23	0-1	6/1/2004	ND(0.037)	0.044	ND(0.037)	0.044
RAA10-E-K24	0-1	6/1/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-E-K25	0-1	6/1/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-E-K26	0-1	6/1/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-E-K28	0-1	6/1/2004	ND(0.041)	0.059	0.083	0.142
RAA10-E-K29	0-1	6/1/2004	ND(0.042)	0.15	0.34	0.49
RAA10-E-L16	0-1	5/18/2004	ND(0.036)	ND(0.036)	0.15	0.15
	1-3	5/18/2004	ND(0.037)	0.25	ND(0.037)	0.25
	3-6	5/18/2004	ND(0.040)	1.7	0.34	2.04
	6-15	5/18/2004	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
RAA10-E-L17	0-1	5/17/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-E-L22	0-1	5/27/2004	ND(0.035)	ND(0.035)	0.090	0.090
	1-3	5/27/2004	ND(0.036)	ND(0.036)	0.024 J	0.024 J
	3-6	5/27/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	5/27/2004	ND(0.045) [ND(0.045)]	ND(0.045) [ND(0.045)]	ND(0.045) [ND(0.045)]	ND(0.045) [ND(0.045)]
RAA10-E-L23	0-1	6/1/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-E-L24	0-1	5/10/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	1-3	5/10/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	3-6	5/10/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	5/10/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA10-E-L25	0-1	6/1/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-E-L26	0-1	5/10/2004	ND(0.036)	0.037	ND(0.036)	0.037
	1-3	5/10/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	3-6	5/10/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	5/10/2004	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
RAA10-E-L27	0-1	6/1/2004	ND(0.048)	ND(0.048)	0.069	0.069
RAA10-E-L28	1-3	5/28/2004	ND(0.041)	ND(0.041)	0.24	0.24
	3-6	5/28/2004	ND(0.044) [ND(0.044)]	ND(0.044) [ND(0.044)]	ND(0.044) [ND(0.044)]	ND(0.044) [ND(0.044)]
	6-15	5/28/2004	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)
RAA10-E-M15	0-1	5/13/2004	ND(0.036)	0.16	0.24	0.40
RAA10-E-M16	0-1	5/13/2004	ND(0.036)	0.13	0.18	0.31
RAA10-E-M17	0-1	5/17/2004	ND(0.040)	0.26	0.30	0.56
RAA10-E-M21	0-1	6/1/2004	ND(0.036)	ND(0.036)	0.49	0.49
RAA10-E-M22	0-1	6/1/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-E-M23	0-1	6/1/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-E-M24	0-1	6/1/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-E-M25	0-1	6/1/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-E-M26	0-1	6/1/2004	ND(0.039)	0.35	0.60	0.95
RAA10-E-M27	0-1	6/7/2004	ND(0.047)	ND(0.047)	0.29	0.29
RAA10-E-M28	0-1	6/1/2004	ND(0.052)	ND(0.052)	0.076	0.076
RAA10-E-N15	0-1	5/19/2004	ND(0.19)	2.9	0.84	3.74
RAA10-E-N16	0-1	5/18/2004	ND(0.38)	17	2.7	19.7
	1-3	5/18/2004	ND(0.037)	0.48	0.29	0.77
	3-6	5/18/2004	ND(2.0)	32	ND(2.0)	32
	6-15	5/18/2004	ND(0.044)	0.79	ND(0.044)	0.79
RAA10-E-N17	0-1	5/13/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-E-N18	0-1	5/18/2004	ND(0.036)	0.057	ND(0.036)	0.057
	1-3	5/18/2004	ND(0.037)	0.28	0.048	0.328
	3-6	5/18/2004	ND(0.037)	0.36	0.070	0.43
	6-15	5/18/2004	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
RAA10-E-N19	0-1	5/18/2004	ND(0.037)	ND(0.037)	0.10	0.10
RAA10-E-N20	0-1	5/18/2004	ND(0.037)	ND(0.037)	0.23	0.23
	1-3	5/18/2004	ND(0.037)	ND(0.037)	0.10	0.10

TABLE 7-2
PCB DATA RECEIVED DURING JUNE 2004

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
	3-6	5/18/2004	ND(0.042)	ND(0.042)	0.13	0.13
	6-15	5/18/2004	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
RAA10-E-N21	0-1	6/1/2004	ND(0.035)	ND(0.035)	0.10	0.10
RAA10-E-N22	0-1	5/10/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-3	5/10/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	3-6	5/10/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	6-15	5/10/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
RAA10-E-N23	0-1	6/1/2004	ND(0.036)	ND(0.036)	0.019 J	0.019 J
RAA10-E-N24	0-1	5/10/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	1-3	5/10/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	3-6	5/10/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	5/10/2004	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
RAA10-E-N25	0-1	6/1/2004	ND(0.035)	0.013 J	0.0098 J	0.0228 J
RAA10-E-N26	0-1	5/28/2004	ND(0.039)	0.13	0.24	0.37
	1-3	5/28/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	3-6	5/28/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	5/28/2004	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)
RAA10-E-N27	0-1	6/1/2004	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)
RAA10-E-O16	0-1	5/19/2004	ND(0.42)	10	2.2	12.2
RAA10-E-O18	0-1	5/18/2004	ND(0.050)	0.97	0.52	1.49
RAA10-E-O19	0-1	5/13/2004	ND(0.035)	0.24	0.24	0.48
RAA10-E-O20	0-1	5/13/2004	ND(0.035) [ND(0.035)]	0.027 J [0.045]	0.039 [0.12]	0.066 [0.165]
RAA10-E-O21	0-1	5/13/2004	ND(0.035)	0.050	0.12	0.17
RAA10-E-O22	0-1	6/1/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-E-O23	0-1	6/1/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-E-O24	0-1	6/1/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-E-O25	0-1	6/1/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-E-O26	0-1	6/1/2004	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
RAA10-E-P15	0-1	5/19/2004	ND(4.0)	100	ND(4.0)	100
RAA10-E-P17	0-1	6/17/2004	ND(0.30)	3.6	1.4	5.0
RAA10-E-P18	0-1	6/17/2004	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)
	1-3	6/17/2004	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	3-6	6/17/2004	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	6-15	6/17/2004	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
RAA10-E-P19	0-1	6/17/2004	ND(0.20)	ND(0.20)	3.6	3.6
RAA10-E-P20	1-3	6/16/2004	ND(0.050)	0.39	0.91	1.3
	3-6	6/16/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	6/16/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
RAA10-E-P21	0-1	5/18/2004	ND(0.035)	0.023 J	0.017 J	0.040 J
RAA10-E-P22	0-1	5/10/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-3	5/10/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	3-6	5/10/2004	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	6-15	5/10/2004	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
RAA10-E-P23	0-1	6/2/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-E-P24	0-1	5/10/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	1-3	5/10/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	3-6	5/10/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	5/10/2004	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA10-E-P25	0-1	6/1/2004	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	0.047 [0.058]	0.047 [0.058]
RAA10-E-P26	0-1	5/28/2004	ND(0.052)	ND(0.052)	0.14	0.14
	1-3	5/28/2004	ND(0.058)	ND(0.058)	ND(0.058)	ND(0.058)
	3-6	5/28/2004	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)
	6-15	5/28/2004	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)
RAA10-E-Q15	0-1	5/19/2004	ND(0.81)	17	ND(0.81)	17
RAA10-E-Q16	0-1	6/2/2004	ND(0.065)	0.65	0.26	0.91
RAA10-E-Q17	0-1	6/2/2004	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
RAA10-E-Q18	0-1	6/2/2004	ND(0.052)	ND(0.052)	0.030 J	0.030 J

TABLE 7-2
PCB DATA RECEIVED DURING JUNE 2004

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA10-E-Q19	0-1	6/2/2004	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)
RAA10-E-Q20	0-1	6/2/2004	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
RAA10-E-Q21	0-1	6/2/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA10-E-Q23	0-1	6/1/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-E-Q24	0-1	6/1/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-E-Q25	0-1	6/1/2004	ND(0.048)	ND(0.048)	0.042 J	0.042 J
RAA10-E-R15	0-1	6/17/2004	ND(0.047)	0.19	0.42	0.61
RAA10-E-R17	0-1	6/2/2004	ND(0.049)	ND(0.049)	0.030 J	0.030 J
RAA10-E-R18	0-1	6/9/2004	ND(0.054)	ND(0.054)	0.092	0.092
	1-3	6/9/2004	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	3-6	6/9/2004	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
	6-15	6/9/2004	ND(0.064)	ND(0.064)	ND(0.064)	ND(0.064)
RAA10-E-R19	0-1	6/2/2004	ND(0.054)	ND(0.054)	0.093	0.093
RAA10-E-R20	0-1	6/16/2004	ND(0.047)	ND(0.047)	0.032 J	0.032 J
	1-3	6/16/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	3-6	6/16/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	6/16/2004	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)
RAA10-E-R21	0-1	6/2/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA10-E-R22	0-1	6/11/2004	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
	1-3	6/11/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	3-6	6/11/2004	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	6-15	6/11/2004	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
RAA10-E-R23	0-1	6/2/2004	ND(0.050)	ND(0.050)	0.11	0.11
RAA10-E-R24	0-1	6/2/2004	ND(0.050)	0.81	0.56	1.37
	1-3	6/2/2004	ND(0.045) [ND(0.044)]	ND(0.045) [ND(0.044)]	0.022 J [0.020 J]	0.022 J [0.020 J]
	3-6	6/2/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	6-15	6/2/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
RAA10-E-R25	0-1	6/1/2004	ND(0.054)	0.51	0.19	0.70
RAA10-E-S15	0-1	6/17/2004	ND(0.61)	5.8	2.2	8.0
RAA10-E-S16	0-1	6/4/2004	ND(0.066)	0.23	0.10	0.33
RAA10-E-S17	0-1	6/2/2004	ND(0.053)	ND(0.053)	0.025 J	0.025 J
RAA10-E-S19	0-1	6/2/2004	ND(0.050)	ND(0.050)	0.048 J	0.048 J
RAA10-E-S20	0-1	6/2/2004	ND(0.044) [ND(0.055)]	ND(0.044) [ND(0.055)]	0.030 J [0.078]	0.030 J [0.078]
RAA10-E-S21	0-1	6/2/2004	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)
RAA10-E-S22	0-1	6/2/2004	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
RAA10-E-S23	0-1	6/2/2004	ND(0.050)	ND(0.050)	0.034 J	0.034 J
RAA10-E-S24	0-1	6/4/2004	ND(0.049)	ND(0.049)	0.035 J	0.035 J
RAA10-E-T17	0-1	6/4/2004	ND(0.050)	ND(0.050)	0.035 J	0.035 J
RAA10-E-T18	0-1	6/11/2004	ND(0.051)	ND(0.051)	0.033 J	0.033 J
	1-3	6/11/2004	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	3-6	6/11/2004	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)
	6-15	6/11/2004	ND(0.080)	ND(0.080)	ND(0.080)	ND(0.080)
RAA10-E-T19	0-1	6/4/2004	ND(0.048)	ND(0.048)	0.035 J	0.035 J
RAA10-E-T20	0-1	6/14/2004	ND(0.047)	ND(0.047)	0.048	0.048
	1-3	6/14/2004	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	3-6	6/14/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	6-15	6/14/2004	ND(0.047)	ND(0.047)	0.18	0.18
RAA10-E-T21	0-1	6/4/2004	ND(0.056)	ND(0.056)	0.036 J	0.036 J
RAA10-E-T22	0-1	6/9/2004	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	1-3	6/9/2004	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	3-6	6/9/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	6-15	6/9/2004	ND(0.044)	ND(0.044)	0.027 J	0.027 J
RAA10-E-T23	0-1	6/4/2004	ND(0.046)	ND(0.046)	0.018 J	0.018 J
RAA10-E-T24	1-3	6/9/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	3-6	6/9/2004	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	6-15	6/9/2004	ND(0.043)	ND(0.043)	0.035 J	0.035 J
RAA10-E-U15	0-1	6/17/2004	ND(0.046)	0.86	0.43	1.29

TABLE 7-2
PCB DATA RECEIVED DURING JUNE 2004

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA10-E-U16	0-1	6/4/2004	ND(0.056) [ND(0.057)]	ND(0.056) [ND(0.057)]	0.046 J [0.051 J]	0.046 J [0.051 J]
RAA10-E-U17	0-1	6/4/2004	ND(0.054)	ND(0.054)	0.045 J	0.045 J
RAA10-E-U18	0-1	6/4/2004	ND(0.054)	ND(0.054)	0.029 J	0.029 J
RAA10-E-U20	0-1	6/4/2004	ND(0.055)	ND(0.055)	0.10	0.10
RAA10-E-U21	0-1	6/4/2004	ND(0.047)	ND(0.047)	0.043 J	0.043 J
RAA10-E-U22	0-1	6/4/2004	ND(0.075)	ND(0.075)	0.13	0.13
RAA10-E-U23	0-1	6/4/2004	ND(0.056)	ND(0.056)	0.049 J	0.049 J
RAA10-E-V15	0-1	6/4/2004	ND(0.094)	2.0	0.80	2.8
RAA10-E-V16	1-3	6/15/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	3-6	6/15/2004	ND(0.048)	0.032 J	ND(0.048)	0.032 J
	6-15	6/15/2004	ND(0.057)	ND(0.057)	ND(0.057)	ND(0.057)
RAA10-E-V17	0-1	6/4/2004	ND(0.047)	ND(0.047)	0.046 J	0.046 J
RAA10-E-V18	0-1	6/15/2004	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)
	1-3	6/15/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	3-6	6/15/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	6-15	6/15/2004	ND(0.070)	ND(0.070)	0.035 J	0.035 J
RAA10-E-V19	0-1	6/4/2004	ND(0.047)	ND(0.047)	0.060	0.060
RAA10-E-V20	0-1	6/14/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	1-3	6/14/2004	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	3-6	6/14/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	6/14/2004	ND(0.062)	ND(0.062)	ND(0.062)	ND(0.062)
RAA10-E-V21	0-1	6/4/2004	ND(0.049)	0.19	0.066	0.256
RAA10-E-V22	0-1	6/14/2004	ND(0.049)	ND(0.049)	0.024 J	0.024 J
	1-3	6/14/2004	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]
	3-6	6/14/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	6-15	6/14/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
RAA10-E-W15	0-1	6/7/2004	ND(0.098)	1.8	1.6	3.4
RAA10-E-W16	0-1	6/7/2004	ND(0.057)	ND(0.057)	0.032 J	0.032 J
RAA10-E-W17	0-1	6/7/2004	ND(0.055) [ND(0.046)]	ND(0.055) [ND(0.046)]	0.072 [0.043 J]	0.072 [0.043 J]
RAA10-E-W18	0-1	6/7/2004	ND(0.048)	ND(0.048)	0.092	0.092
RAA10-E-W19	0-1	6/7/2004	ND(0.054)	ND(0.054)	0.086	0.086
RAA10-E-W20	0-1	6/7/2004	ND(0.050)	ND(0.050)	0.049 J	0.049 J
RAA10-E-W21	0-1	6/7/2004	ND(0.055)	ND(0.055)	0.11	0.11
RAA10-E-W22	0-1	6/7/2004	ND(0.056)	ND(0.056)	0.11	0.11
RAA10-E-X16	0-1	6/15/2004	ND(0.049)	ND(0.049)	0.14	0.14
	1-3	6/15/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	3-6	6/15/2004	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)
	6-15	6/15/2004	ND(0.048)	ND(0.048)	0.017 J	0.017 J
RAA10-E-X17	0-1	6/7/2004	ND(0.052)	ND(0.052)	0.078	0.078
RAA10-E-X18	0-1	6/16/2004	ND(0.046)	ND(0.046)	0.041 J	0.041 J
	1-3	6/16/2004	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	3-6	6/16/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	6/16/2004	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]
RAA10-E-X20	0-1	6/16/2004	ND(0.045)	ND(0.045)	0.035 J	0.035 J
	1-3	6/16/2004	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	3-6	6/16/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	6/16/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA10-E-Y16	0-1	6/7/2004	ND(0.053)	ND(0.053)	0.051 J	0.051 J
RAA10-E-Y17	0-1	6/7/2004	ND(0.059)	0.14	0.12	0.26
RAA10-E-Y18	0-1	6/7/2004	ND(0.059)	ND(0.059)	0.099	0.099
RAA10-E-Y19	0-1	6/7/2004	ND(0.052)	ND(0.052)	0.038 J	0.038 J
RAA10-E-Y20	0-1	6/7/2004	ND(0.049)	ND(0.049)	0.068	0.068
RAA10-E-Y21	0-1	6/7/2004	ND(0.054)	ND(0.054)	0.059	0.059
RAA10-E-Z15	0-1	6/7/2004	ND(0.34)	1.2	0.44	1.64
RAA10-E-Z17	0-1	6/7/2004	ND(0.065)	ND(0.065)	ND(0.065)	ND(0.065)
RAA10-E-Z19	0-1	6/7/2004	ND(0.050)	0.081	0.16	0.241
RAA10-E-Z21	0-1	6/7/2004	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)

TABLE 7-2
PCB DATA RECEIVED DURING JUNE 2004

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA10-N-AA24	0-1	5/11/2004	ND(0.040)	1.2	1.0	2.2
	1-3	5/11/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	3-6	5/11/2004	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]
	6-15	5/11/2004	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA10-N-BB24	0-1	5/11/2004	ND(0.057)	1.7	2.3	4.0
	1-3	5/11/2004	ND(0.049)	1.3	1.5	2.8
	3-6	5/11/2004	ND(0.045)	0.55	0.52	1.07
RAA10-N-BBCC23.5	0-1	5/11/2004	ND(0.047)	0.084	0.17	0.254
	1-3	5/11/2004	ND(0.043)	0.068	0.11	0.178
	3-6	5/11/2004	ND(0.060)	0.086	0.075	0.161
	6-15	5/11/2004	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)
RAA10-N-CC22	0-1	5/12/2004	ND(0.040)	1.2	0.64	1.84
	1-3	5/12/2004	ND(39)	100	ND(39)	100
	3-6	5/12/2004	ND(0.039) [ND(0.039)]	1.3 [1.9]	0.56 [0.76]	1.86 [2.66]
	6-15	5/12/2004	ND(0.25)	3.1	1.3	4.4
RAA10-N-DD23.5	0-1	5/11/2004	ND(0.040)	0.13	0.063	0.193
	1-3	5/11/2004	ND(2.0)	91	43	134
	3-6	5/11/2004	ND(0.38)	7.9	3.8	11.7
	6-15	5/11/2004	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)
RAA10-N-Y20	0-1	5/12/2004	ND(1.9)	12	9.4	21.4
	1-3	5/12/2004	ND(4.2)	26	24	50
	3-6	5/12/2004	ND(0.41)	7.0	7.9	14.9
	6-15	5/12/2004	ND(1.9)	45	16	61
RAA10-N-Z20.5	0-1	5/12/2004	ND(18)	ND(18)	37	37
	1-3	5/12/2004	ND(19)	ND(19)	62	62
	3-6	5/12/2004	ND(21)	ND(21)	38	38
	6-15	5/12/2004	ND(0.085)	2.5	1.8	4.3

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

Data Qualifiers:

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

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-A22 0-1 05/26/04	RAA10-E-AA15 0-1 06/07/04	RAA10-E-AA22 0-1 06/07/04	RAA10-E-B22 0-1 05/20/04
Volatile Organics					
Acetone		ND(0.021)	ND(0.025)	ND(0.039)	ND(0.021)
Benzene		ND(0.0052)	ND(0.0062)	ND(0.0097)	ND(0.0053)
Chlorobenzene		ND(0.0052)	ND(0.0062)	ND(0.0097)	ND(0.0053)
Ethylbenzene		ND(0.0052)	ND(0.0062)	ND(0.0097)	ND(0.0053)
Toluene		ND(0.0052)	ND(0.0062)	ND(0.0097)	ND(0.0053)
Trichloroethene		ND(0.0052)	ND(0.0062)	ND(0.0097)	ND(0.0053)
Trichlorofluoromethane		ND(0.0052)	ND(0.0062)	ND(0.0097)	ND(0.0053)
Xylenes (total)		ND(0.0052)	ND(0.0062)	ND(0.0097)	ND(0.0053)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		ND(0.35)	ND(0.54)	ND(1.0)	ND(0.36)
1,2,4-Trichlorobenzene		ND(0.35)	ND(0.54)	ND(1.0)	ND(0.36)
1,2-Dichlorobenzene		ND(0.35)	ND(0.54)	ND(1.0)	ND(0.36)
1,3-Dichlorobenzene		ND(0.35)	ND(0.54)	ND(1.0)	ND(0.36)
1,4-Dichlorobenzene		ND(0.35)	ND(0.54)	ND(1.0)	ND(0.36)
2,4-Dimethylphenol		ND(0.35)	ND(0.54)	ND(1.0)	ND(0.36)
2,4-Dinitrotoluene		ND(0.35)	ND(0.54)	ND(1.0)	5.8
2-Methylnaphthalene		ND(0.35)	ND(0.54)	ND(1.0)	ND(0.36)
2-Methylphenol		ND(0.35)	ND(0.54)	ND(1.0)	ND(0.36)
Acenaphthene		ND(0.35)	ND(0.54)	ND(1.0)	0.59
Acenaphthylene		34	ND(0.54)	ND(1.0)	6.7
Aniline		ND(0.35)	ND(0.54)	ND(1.0)	ND(0.36)
Anthracene		14	ND(0.54)	ND(1.0)	5.4
Benzidine		ND(0.70)	ND(1.1)	ND(2.1)	ND(0.72)
Benzo(a)anthracene		26	ND(0.54)	ND(1.0)	9.9
Benzo(a)pyrene		18	ND(0.54)	ND(1.0)	4.7
Benzo(b)fluoranthene		13	ND(0.54)	ND(1.0)	3.7
Benzo(g,h,i)perylene		11	ND(0.54)	ND(1.0)	2.9
Benzo(k)fluoranthene		14	ND(0.54)	ND(1.0)	3.7
bis(2-Ethylhexyl)phthalate		ND(0.35)	ND(0.41)	ND(0.64)	ND(0.35)
Butylbenzylphthalate		ND(0.35)	ND(0.54)	ND(1.0)	ND(0.36)
Chrysene		27	ND(0.54)	ND(1.0)	9.9
Dibenzo(a,h)anthracene		2.7	ND(0.54)	ND(1.0)	0.94
Dibenzofuran		ND(0.35)	ND(0.54)	ND(1.0)	0.14 J
Diethylphthalate		ND(0.35)	ND(0.54)	ND(1.0)	ND(0.36)
Fluoranthene		52	ND(0.54)	ND(1.0)	24
Fluorene		ND(0.35)	ND(0.54)	ND(1.0)	ND(0.36)
Indeno(1,2,3-cd)pyrene		5.4	ND(0.54)	ND(1.0)	2.4
Naphthalene		0.48	ND(0.54)	ND(1.0)	ND(0.36)
Phenanthrene		9.7	ND(0.54)	ND(1.0)	7.6
Phenol		ND(0.35)	ND(0.54)	ND(1.0)	ND(0.36)
Pyrene		44	ND(0.54)	ND(1.0)	21
Organochlorine Pesticides					
Technical Chlordane		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 JUNE 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-A22 0-1 05/26/04	RAA10-E-AA15 0-1 06/07/04	RAA10-E-AA22 0-1 06/07/04	RAA10-E-B22 0-1 05/20/04
Furans					
2,3,7,8-TCDF		ND(0.000022)	NA	NA	0.0000014 J
TCDFs (total)		ND(0.000022)	NA	NA	0.0000057 J
1,2,3,7,8-PeCDF		ND(0.000054)	NA	NA	ND(0.0000026)
2,3,4,7,8-PeCDF		ND(0.000054)	NA	NA	ND(0.0000026)
PeCDFs (total)		ND(0.000054)	NA	NA	ND(0.0000026) Q
1,2,3,4,7,8-HxCDF		ND(0.000054)	NA	NA	ND(0.0000026)
1,2,3,6,7,8-HxCDF		ND(0.000054)	NA	NA	ND(0.0000026)
1,2,3,7,8,9-HxCDF		ND(0.000054)	NA	NA	ND(0.0000026)
2,3,4,6,7,8-HxCDF		ND(0.000054)	NA	NA	ND(0.0000026)
HxCDFs (total)		ND(0.000054)	NA	NA	ND(0.0000026)
1,2,3,4,6,7,8-HpCDF		ND(0.000054)	NA	NA	ND(0.0000026)
1,2,3,4,7,8,9-HpCDF		ND(0.000054)	NA	NA	ND(0.0000026)
HpCDFs (total)		ND(0.000054)	NA	NA	ND(0.0000026)
OCDF		ND(0.00011)	NA	NA	ND(0.0000051)
Dioxins					
2,3,7,8-TCDD		ND(0.000022)	NA	NA	ND(0.0000010)
TCDDs (total)		ND(0.000060)	NA	NA	ND(0.0000024)
1,2,3,7,8-PeCDD		ND(0.000054)	NA	NA	ND(0.0000026)
PeCDDs (total)		ND(0.000088)	NA	NA	ND(0.0000035)
1,2,3,4,7,8-HxCDD		ND(0.000054)	NA	NA	ND(0.0000026)
1,2,3,6,7,8-HxCDD		ND(0.000054)	NA	NA	ND(0.0000026)
1,2,3,7,8,9-HxCDD		ND(0.000054)	NA	NA	ND(0.0000026)
HxCDDs (total)		ND(0.000054)	NA	NA	ND(0.0000045)
1,2,3,4,6,7,8-HpCDD		ND(0.000054)	NA	NA	ND(0.0000026)
HpCDDs (total)		ND(0.000054)	NA	NA	ND(0.0000026)
OCDD		ND(0.00011)	NA	NA	0.0000089 J
Total TEQs (WHO TEFs)		0.000074	NA	NA	0.0000036
Inorganics					
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		3.40	5.10	4.80	2.90
Barium		83.0	28.0	68.0	11.0 B
Beryllium		0.0890 B	0.320 B	0.500 B	0.140 B
Cadmium		0.300 B	0.400 B	0.820	0.400 B
Chromium		4.00	7.20	42.0	3.90
Cobalt		5.20	6.90	11.0	4.60 B
Copper		10.0	15.0	22.0	9.00
Cyanide		0.0240 B	0.150	0.170 B	ND(0.430)
Lead		11.0	19.0	20.0	4.60
Mercury		ND(0.100)	0.0640 B	0.0920 B	ND(0.110)
Nickel		9.20	12.0	17.0	6.80
Selenium		ND(1.00)	ND(1.00)	1.00 B	ND(1.00)
Silver		ND(1.00)	0.130 B	ND(1.50)	ND(1.00)
Sulfide		6.70	ND(6.20)	22.0	ND(5.30)
Thallium		ND(1.00)	ND(1.20)	ND(1.90)	ND(1.10)
Tin		3.30 B	5.20 B	7.60 B	3.30 B
Vanadium		6.70	10.0	13.0	3.40 B
Zinc		25.0	52.0	88.0	23.0

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-B22 1-3 05/20/04	RAA10-E-BB21 0-1 06/08/04	RAA10-E-C24 0-1 05/26/04
Volatile Organics				
Acetone		ND(0.021) [ND(0.021)]	ND(0.030)	ND(0.022)
Benzene		ND(0.0053) [ND(0.0053)]	ND(0.0075)	ND(0.0054)
Chlorobenzene		ND(0.0053) [ND(0.0053)]	ND(0.0075)	ND(0.0054)
Ethylbenzene		ND(0.0053) [ND(0.0053)]	ND(0.0075)	ND(0.0054)
Toluene		ND(0.0053) [ND(0.0053)]	ND(0.0075)	ND(0.0054)
Trichloroethene		ND(0.0053) [ND(0.0053)]	ND(0.0075)	ND(0.0054)
Trichlorofluoromethane		ND(0.0053) [ND(0.0053)]	ND(0.0075)	ND(0.0054)
Xylenes (total)		ND(0.0053) [ND(0.0053)]	ND(0.0075)	ND(0.0054)
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene		ND(0.36) [ND(0.36)]	ND(0.49)	ND(0.43)
1,2,4-Trichlorobenzene		ND(0.36) [ND(0.36)]	ND(0.49)	ND(0.43)
1,2-Dichlorobenzene		ND(0.36) [ND(0.36)]	ND(0.49)	ND(0.43)
1,3-Dichlorobenzene		ND(0.36) [ND(0.36)]	ND(0.49)	ND(0.43)
1,4-Dichlorobenzene		ND(0.36) [ND(0.36)]	ND(0.49)	ND(0.43)
2,4-Dimethylphenol		ND(0.36) [ND(0.36)]	ND(0.49)	ND(0.43)
2,4-Dinitrotoluene		ND(0.36) [ND(0.36)]	ND(0.49)	ND(0.43)
2-Methylnaphthalene		ND(0.36) [ND(0.36)]	ND(0.49)	ND(0.43)
2-Methylphenol		ND(0.36) [ND(0.36)]	ND(0.49)	ND(0.43)
Acenaphthene		0.10 J [ND(0.36)]	ND(0.49)	ND(0.43)
Acenaphthylene		0.61 [0.42]	ND(0.49)	6.2
Aniline		ND(0.36) [ND(0.36)]	ND(0.49)	ND(0.43)
Anthracene		0.087 J [0.078 J]	ND(0.49)	2.6
Benzidine		ND(0.71) [ND(0.72)]	ND(1.0)	ND(0.86)
Benzo(a)anthracene		0.18 J [0.22 J]	ND(0.49)	5.5
Benzo(a)pyrene		0.098 J [0.11 J]	ND(0.49)	4.0
Benzo(b)fluoranthene		ND(0.36) [0.091 J]	ND(0.45)	2.8
Benzo(g,h,i)perylene		0.080 J [0.080 J]	ND(0.49)	2.7
Benzo(k)fluoranthene		ND(0.36) [0.10 J]	ND(0.49)	3.3
bis(2-Ethylhexyl)phthalate		ND(0.35) [ND(0.35)]	ND(0.49)	ND(0.36)
Butylbenzylphthalate		ND(0.36) [ND(0.36)]	ND(0.49)	ND(0.43)
Chrysene		0.18 J [0.22 J]	ND(0.49)	5.5
Dibenzo(a,h)anthracene		ND(0.36) [ND(0.36)]	ND(0.49)	1.0
Dibenzofuran		ND(0.36) [ND(0.36)]	ND(0.49)	0.30 J
Diethylphthalate		ND(0.36) [ND(0.36)]	ND(0.49)	ND(0.43)
Fluoranthene		0.44 [0.55]	ND(0.49)	8.6
Fluorene		0.12 J [ND(0.36)]	ND(0.49)	ND(0.43)
Indeno(1,2,3-cd)pyrene		ND(0.36) [ND(0.36)]	ND(0.49)	2.4
Naphthalene		ND(0.36) [ND(0.36)]	ND(0.49)	0.13 J
Phenanthrene		0.10 J [0.15 J]	ND(0.49)	2.5
Phenol		ND(0.36) [ND(0.36)]	ND(0.49)	ND(0.43)
Pyrene		0.33 J [0.44]	ND(0.49)	9.4
Organochlorine Pesticides				
Technical Chlordane		NA	NA	NA
Organophosphate Pesticides				
None Detected		NA	NA	NA
Herbicides				
None Detected		NA	NA	NA

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

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

Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA10-E-B22 1-3 05/20/04	RAA10-E-BB21 0-1 06/08/04	RAA10-E-C24 0-1 05/26/04
Furans			
2,3,7,8-TCDF	0.00000063 J [0.0000012 J]	NA	ND(0.0000016) X
TCDFs (total)	0.0000044 Q [0.0000079]	NA	0.0000036 JQ
1,2,3,7,8-PeCDF	0.00000021 J [0.00000063 J]	NA	ND(0.0000025)
2,3,4,7,8-PeCDF	0.00000031 J [0.00000074 J]	NA	ND(0.0000025)
PeCDFs (total)	0.0000026 Q [0.0000044 JQ]	NA	ND(0.0000025) Q
1,2,3,4,7,8-HxCDF	0.00000022 J [0.00000068 J]	NA	ND(0.0000025)
1,2,3,6,7,8-HxCDF	ND(0.00000021) [0.00000060 J]	NA	ND(0.0000025)
1,2,3,7,8,9-HxCDF	ND(0.00000021) [ND(0.00000052)]	NA	ND(0.0000025)
2,3,4,6,7,8-HxCDF	ND(0.00000021) [0.00000058 J]	NA	ND(0.0000025)
HxCDFs (total)	0.0000028 [0.0000047 J]	NA	0.0000072 J
1,2,3,4,6,7,8-HpCDF	0.0000035 [0.0000039 J]	NA	0.0000046 J
1,2,3,4,7,8,9-HpCDF	ND(0.00000021) [ND(0.00000052)]	NA	ND(0.0000025)
HpCDFs (total)	0.0000064 [0.0000068]	NA	0.0000082 J
OCDF	0.0000024 J [0.0000029 J]	NA	ND(0.0000051)
Dioxins			
2,3,7,8-TCDD	ND(0.000000084) [ND(0.00000021)]	NA	ND(0.0000010)
TCDDs (total)	ND(0.00000024) [ND(0.00000021)]	NA	ND(0.0000031) Q
1,2,3,7,8-PeCDD	ND(0.00000021) [ND(0.00000052)]	NA	ND(0.0000025)
PeCDDs (total)	ND(0.00000040) Q [ND(0.00000091) Q]	NA	ND(0.0000039)
1,2,3,4,7,8-HxCDD	ND(0.00000021) [ND(0.00000052)]	NA	ND(0.0000025)
1,2,3,6,7,8-HxCDD	0.00000024 J [0.00000070 J]	NA	ND(0.0000025)
1,2,3,7,8,9-HxCDD	ND(0.00000021) [0.00000061 J]	NA	ND(0.0000025)
HxCDDs (total)	0.00000046 J [ND(0.00000098)]	NA	ND(0.0000025)
1,2,3,4,6,7,8-HpCDD	0.0000019 J [0.0000027 J]	NA	0.0000034 J
HpCDDs (total)	0.0000032 [0.0000044 J]	NA	0.0000034 J
OCDD	0.000013 [0.000015]	NA	0.000022 J
Total TEQs (WHO TEFs)	0.00000053 [0.0000013]	NA	0.0000035
Inorganics			
Antimony	1.00 B [ND(6.00)]	ND(6.00)	ND(6.00)
Arsenic	3.00 [3.80]	1.80	3.30
Barium	16.0 B [18.0 B]	78.0	16.0 B
Beryllium	0.140 B [0.140 B]	0.570	0.150 B
Cadmium	0.410 B [0.770]	0.320 B	0.300 B
Chromium	4.20 [5.00]	20.0	4.90
Cobalt	4.40 B [5.40]	8.30	5.80
Copper	9.10 [19.0]	11.0	9.90
Cyanide	ND(0.210) [0.0180 B]	0.0590 B	0.0210 B
Lead	6.40 [5.90]	8.50	5.80
Mercury	ND(0.110) [ND(0.110)]	0.0340 B	ND(0.110)
Nickel	7.00 [8.80]	16.0	9.00
Selenium	ND(1.00) [ND(1.00)]	ND(1.10)	ND(1.00)
Silver	ND(1.00) [ND(1.00)]	ND(1.10)	ND(1.00)
Sulfide	6.80 [ND(5.30)]	19.0	5.20 B
Thallium	ND(1.10) [ND(1.10)]	ND(1.50)	ND(1.10)
Tin	3.20 B [3.50 B]	5.50 B	3.10 B
Vanadium	3.30 B [5.20]	14.0	5.40
Zinc	24.0 [41.0]	79.0	27.0

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-CC15 0-1 06/09/04	RAA10-E-CC20 0-1 06/09/04	RAA10-E-CC22 0-1 06/07/04	RAA10-E-D22 0-1 05/20/04	RAA10-E-D22 6-15 05/20/04
Volatile Organics						
Acetone		ND(0.028)	ND(0.032)	ND(0.035)	ND(0.021)	NA
Benzene		ND(0.0070)	ND(0.0080)	ND(0.0087)	ND(0.0054)	NA
Chlorobenzene		ND(0.0070)	ND(0.0080)	ND(0.0087)	ND(0.0054)	NA
Ethylbenzene		ND(0.0070)	ND(0.0080)	ND(0.0087)	ND(0.0054)	NA
Toluene		ND(0.0070)	ND(0.0080)	ND(0.0087)	ND(0.0054)	NA
Trichloroethene		ND(0.0070)	ND(0.0080)	ND(0.0087)	ND(0.0054)	NA
Trichlorofluoromethane		ND(0.0070)	ND(0.0080)	ND(0.0087)	ND(0.0054)	NA
Xylenes (total)		ND(0.0070)	ND(0.0080)	ND(0.0087)	ND(0.0054)	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.52)	ND(0.80)	ND(0.75)	ND(0.36)	NA
1,2,4-Trichlorobenzene		ND(0.52)	ND(0.80)	ND(0.75)	ND(0.36)	NA
1,2-Dichlorobenzene		ND(0.52)	ND(0.80)	ND(0.75)	ND(0.36)	NA
1,3-Dichlorobenzene		ND(0.52)	ND(0.80)	ND(0.75)	ND(0.36)	NA
1,4-Dichlorobenzene		ND(0.52)	ND(0.80)	ND(0.75)	ND(0.36)	NA
2,4-Dimethylphenol		ND(0.52)	ND(0.80)	ND(0.75)	ND(0.36)	NA
2,4-Dinitrotoluene		ND(0.52)	ND(0.80)	ND(0.75)	ND(0.36)	NA
2-Methylnaphthalene		ND(0.52)	ND(0.80)	ND(0.75)	1.2	NA
2-Methylphenol		ND(0.52)	ND(0.80)	ND(0.75)	ND(0.36)	NA
Acenaphthene		ND(0.52)	ND(0.80)	ND(0.75)	ND(0.36)	NA
Acenaphthylene		ND(0.52)	ND(0.80)	ND(0.75)	16	NA
Aniline		ND(0.52)	ND(0.80)	ND(0.75)	ND(0.36)	NA
Anthracene		ND(0.52)	ND(0.80)	ND(0.75)	9.5	NA
Benzidine		ND(1.0)	ND(1.6)	ND(1.5)	ND(0.72)	NA
Benzo(a)anthracene		ND(0.52)	ND(0.80)	ND(0.75)	15	NA
Benzo(a)pyrene		ND(0.52)	ND(0.80)	ND(0.75)	11	NA
Benzo(b)fluoranthene		ND(0.52)	ND(0.80)	ND(0.75)	6.5	NA
Benzo(g,h,i)perylene		ND(0.52)	ND(0.80)	ND(0.75)	5.6	NA
Benzo(k)fluoranthene		ND(0.52)	ND(0.80)	ND(0.75)	9.7	NA
bis(2-Ethylhexyl)phthalate		1.1	ND(0.53)	ND(0.57)	ND(0.35)	NA
Butylbenzylphthalate		ND(0.52)	ND(0.80)	ND(0.75)	ND(0.36)	NA
Chrysene		ND(0.52)	ND(0.80)	ND(0.75)	16	NA
Dibenzo(a,h)anthracene		ND(0.52)	ND(0.80)	ND(0.75)	2.1	NA
Dibenzofuran		ND(0.52)	ND(0.80)	ND(0.75)	1.2	NA
Diethylphthalate		ND(0.52)	ND(0.80)	ND(0.75)	ND(0.36)	NA
Fluoranthene		ND(0.52)	ND(0.80)	ND(0.75)	33	NA
Fluorene		ND(0.52)	ND(0.80)	ND(0.75)	6.4	NA
Indeno(1,2,3-cd)pyrene		ND(0.52)	ND(0.80)	ND(0.75)	4.5	NA
Naphthalene		ND(0.52)	ND(0.80)	ND(0.75)	0.50	NA
Phenanthrene		ND(0.52)	ND(0.80)	ND(0.75)	27	NA
Phenol		ND(0.52)	ND(0.80)	ND(0.75)	ND(0.36)	NA
Pyrene		ND(0.52)	ND(0.80)	ND(0.75)	31	NA
Organochlorine Pesticides						
Technical Chlordane		NA	NA	ND(0.14)	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 JUNE 2004

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

Parameter / Sample ID / Sample Depth(Feet) / Date Collected:	RAA10-E-CC15 0-1 06/09/04	RAA10-E-CC20 0-1 06/09/04	RAA10-E-CC22 0-1 06/07/04	RAA10-E-D22 0-1 05/20/04	RAA10-E-D22 6-15 05/20/04
Furans					
2,3,7,8-TCDF	NA	NA	0.0000080 Y	ND(0.000021)	0.00000026 J
TCDFs (total)	NA	NA	0.00040 I	ND(0.000021)	0.00000026 J
1,2,3,7,8-PeCDF	NA	NA	0.0000031 J	ND(0.000052)	ND(0.00000059)
2,3,4,7,8-PeCDF	NA	NA	0.00010	ND(0.000052)	ND(0.00000059)
PeCDFs (total)	NA	NA	0.00081	ND(0.000052)	ND(0.00000059)
1,2,3,4,7,8-HxCDF	NA	NA	0.0000060 J	ND(0.000052)	ND(0.00000059)
1,2,3,6,7,8-HxCDF	NA	NA	0.000014	ND(0.000052)	ND(0.00000059)
1,2,3,7,8,9-HxCDF	NA	NA	0.0000036 JQ	ND(0.000052)	ND(0.00000059)
2,3,4,6,7,8-HxCDF	NA	NA	0.000034	ND(0.000052)	ND(0.00000059)
HxCDFs (total)	NA	NA	0.00047 Q	ND(0.000052)	ND(0.00000059)
1,2,3,4,6,7,8-HpCDF	NA	NA	0.000081	ND(0.000052)	ND(0.00000059)
1,2,3,4,7,8,9-HpCDF	NA	NA	0.0000019 J	ND(0.000052)	ND(0.00000059)
HpCDFs (total)	NA	NA	0.00014	ND(0.000052)	ND(0.00000059)
OCDF	NA	NA	0.000036	ND(0.00010)	ND(0.0000012)
Dioxins					
2,3,7,8-TCDD	NA	NA	0.00000053 J	ND(0.000021)	ND(0.00000024)
TCDDs (total)	NA	NA	0.0000079	ND(0.000057)	ND(0.00000070)
1,2,3,7,8-PeCDD	NA	NA	0.0000031 J	ND(0.000052)	ND(0.00000059)
PeCDDs (total)	NA	NA	0.000038	ND(0.000069)	ND(0.00000080)
1,2,3,4,7,8-HxCDD	NA	NA	ND(0.0000017) X	ND(0.000052)	ND(0.00000059)
1,2,3,6,7,8-HxCDD	NA	NA	0.0000072 J	ND(0.000052)	ND(0.00000059)
1,2,3,7,8,9-HxCDD	NA	NA	0.0000042 J	ND(0.000052)	ND(0.00000059)
HxCDDs (total)	NA	NA	0.000071	ND(0.000097)	ND(0.0000011)
1,2,3,4,6,7,8-HpCDD	NA	NA	0.000031	ND(0.000052)	ND(0.00000059)
HpCDDs (total)	NA	NA	0.000059	ND(0.000052)	ND(0.00000059)
OCDD	NA	NA	0.00021	0.00014 J	0.0000013 J
Total TEQs (WHO TEFs)	NA	NA	0.000063	0.000071	0.00000082
Inorganics					
Antimony	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	NA
Arsenic	5.40	5.40	2.40	3.00	NA
Barium	79.0	81.0	79.0	20.0	NA
Beryllium	0.660	0.740	0.490 B	0.150 B	NA
Cadmium	0.750	0.850	0.670	0.410 B	NA
Chromium	15.0	38.0	110	4.70	NA
Cobalt	9.00	10.0	9.40	3.90 B	NA
Copper	16.0	20.0	22.0	14.0	NA
Cyanide	0.160	0.190	0.120 B	ND(0.210)	NA
Lead	22.0	24.0	16.0	13.0	NA
Mercury	0.160	0.0740 B	0.140 B	0.0520 B	NA
Nickel	15.0	18.0	16.0	9.10	NA
Selenium	2.00	1.30	ND(1.30)	ND(1.00)	NA
Silver	0.180 B	1.50	ND(1.30)	ND(1.00)	NA
Sulfide	6.80 B	15.0	ND(8.70)	ND(5.40)	NA
Thallium	ND(1.40)	ND(1.60)	ND(1.70)	ND(1.10)	NA
Tin	5.50 B	6.00 B	6.40 B	3.10 B	NA
Vanadium	18.0	18.0	14.0	3.50 B	NA
Zinc	72.0	86.0	92.0	28.0	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA10-E-D24 0-1 05/17/04	RAA10-E-D26 0-1 05/26/04	RAA10-E-D26 1-3 05/26/04	RAA10-E-D26 3-6 05/26/04	RAA10-E-D26 4-5 05/26/04
Volatile Organics					
Acetone	ND(0.021)	ND(0.022)	ND(0.022)	NA	ND(0.024)
Benzene	ND(0.0054)	ND(0.0055)	ND(0.0054)	NA	ND(0.0059)
Chlorobenzene	ND(0.0054)	ND(0.0055)	ND(0.0054)	NA	ND(0.0059)
Ethylbenzene	ND(0.0054)	ND(0.0055)	ND(0.0054)	NA	ND(0.0059)
Toluene	ND(0.0054)	ND(0.0055)	ND(0.0054)	NA	ND(0.0059)
Trichloroethene	ND(0.0054)	ND(0.0055)	ND(0.0054)	NA	ND(0.0059)
Trichlorofluoromethane	ND(0.0054)	ND(0.0055)	ND(0.0054)	NA	ND(0.0059)
Xylenes (total)	ND(0.0054)	ND(0.0055)	ND(0.0054)	NA	ND(0.0059)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.36)	ND(0.36)	ND(0.40)	ND(0.52)	NA
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.36)	ND(0.40)	ND(0.52)	NA
1,2-Dichlorobenzene	ND(0.36)	ND(0.36)	ND(0.40)	ND(0.52)	NA
1,3-Dichlorobenzene	ND(0.36)	ND(0.36)	ND(0.40)	ND(0.52)	NA
1,4-Dichlorobenzene	ND(0.36)	ND(0.36)	ND(0.40)	ND(0.52)	NA
2,4-Dimethylphenol	ND(0.36)	ND(0.36)	ND(0.40)	ND(0.52)	NA
2,4-Dinitrotoluene	ND(0.36)	ND(0.36)	ND(0.40)	ND(0.52)	NA
2-Methylnaphthalene	ND(0.36)	ND(0.36)	ND(0.40)	ND(0.52)	NA
2-Methylphenol	ND(0.36)	ND(0.36)	ND(0.40)	ND(0.52)	NA
Acenaphthene	ND(0.36)	ND(0.36)	ND(0.40)	ND(0.52)	NA
Acenaphthylene	0.50	0.87	0.30 J	0.68	NA
Aniline	ND(0.36)	ND(0.36)	ND(0.40)	ND(0.52)	NA
Anthracene	0.51	ND(0.36)	0.11 J	0.28 J	NA
Benzidine	ND(0.72)	ND(0.73)	ND(0.80)	ND(1.0)	NA
Benzo(a)anthracene	0.72	0.67	0.22 J	0.53	NA
Benzo(a)pyrene	0.36	0.49	0.21 J	0.36 J	NA
Benzo(b)fluoranthene	0.23 J	0.34 J	0.16 J	0.25 J	NA
Benzo(g,h,i)perylene	0.22 J	0.35 J	0.25 J	0.24 J	NA
Benzo(k)fluoranthene	0.32 J	0.51	0.22 J	0.39 J	NA
bis(2-Ethylhexyl)phthalate	ND(0.35)	ND(0.36)	ND(0.36)	ND(0.43)	NA
Butylbenzylphthalate	ND(0.36)	ND(0.36)	ND(0.40)	ND(0.52)	NA
Chrysene	0.76	0.84	0.33 J	0.62	NA
Dibenzo(a,h)anthracene	ND(0.36)	0.078 J	ND(0.40)	ND(0.52)	NA
Dibenzofuran	ND(0.36)	ND(0.36)	ND(0.40)	ND(0.52)	NA
Diethylphthalate	ND(0.36)	ND(0.36)	0.14 J	ND(0.52)	NA
Fluoranthene	1.7	1.8	0.71	1.5	NA
Fluorene	0.15 J	ND(0.36)	ND(0.40)	ND(0.52)	NA
Indeno(1,2,3-cd)pyrene	0.15 J	0.24 J	0.12 J	0.16 J	NA
Naphthalene	ND(0.36)	ND(0.36)	ND(0.40)	ND(0.52)	NA
Phenanthrene	0.83	0.70	0.26 J	0.67	NA
Phenol	ND(0.36)	ND(0.36)	ND(0.40)	ND(0.52)	NA
Pyrene	1.9	1.3	0.45	1.0	NA
Organochlorine Pesticides					
Technical Chlordane	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 JUNE 2004

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-D24 0-1 05/17/04	RAA10-E-D26 0-1 05/26/04	RAA10-E-D26 1-3 05/26/04	RAA10-E-D26 3-6 05/26/04	RAA10-E-D26 4-5 05/26/04
Furans					
2,3,7,8-TCDF	ND(0.00000034) X	0.0000014 J	0.00000094 J	0.0000057 Y	NA
TCDFs (total)	0.0000024 Q	0.000079	0.000062 I	0.000060	NA
1,2,3,7,8-PeCDF	ND(0.00000021) Q	0.00000058 J	ND(0.00000052)	0.0000021 J	NA
2,3,4,7,8-PeCDF	0.00000026 JQ	0.000017	0.000014	0.0000079	NA
PeCDFs (total)	0.00000093 JQ	0.00019 QI	0.00015 QI	0.000078 Q	NA
1,2,3,4,7,8-HxCDF	ND(0.00000021)	0.0000012 J	0.00000092 J	0.0000032 J	NA
1,2,3,6,7,8-HxCDF	ND(0.00000021)	0.0000030 J	0.0000025 J	0.0000043 J	NA
1,2,3,7,8,9-HxCDF	ND(0.00000021) Q	0.0000010 J	0.00000067 J	0.0000015 J	NA
2,3,4,6,7,8-HxCDF	ND(0.00000021)	0.0000071	0.0000059	0.0000038 J	NA
HxCDFs (total)	0.00000093 JQ	0.000096	0.000076	0.00010	NA
1,2,3,4,6,7,8-HpCDF	0.00000024 J	0.0000042 J	0.0000032 J	0.00012	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000021)	ND(0.00000054)	ND(0.00000052)	0.0000017 J	NA
HpCDFs (total)	0.00000024 J	0.0000094	0.0000074	0.00021	NA
OCDF	ND(0.00000042)	0.0000027 J	0.0000024 J	0.000055	NA
Dioxins					
2,3,7,8-TCDD	ND(0.000000084)	ND(0.00000022)	ND(0.00000021)	0.00000042 J	NA
TCDDs (total)	ND(0.00000019) Q	ND(0.00000059)	ND(0.00000064)	ND(0.00000080)	NA
1,2,3,7,8-PeCDD	ND(0.00000021)	ND(0.00000054)	ND(0.00000052)	ND(0.00000074)	NA
PeCDDs (total)	ND(0.00000038) Q	0.0000024 JQ	0.0000018 JQ	0.0000016 J	NA
1,2,3,4,7,8-HxCDD	ND(0.00000021)	ND(0.00000054)	ND(0.00000052)	ND(0.00000074)	NA
1,2,3,6,7,8-HxCDD	ND(0.00000021)	0.0000014 J	0.0000014 J	0.0000022 J	NA
1,2,3,7,8,9-HxCDD	ND(0.00000021)	0.00000091 J	0.00000086 J	0.00000097 J	NA
HxCDDs (total)	ND(0.00000041)	0.000013	0.000011	0.000019	NA
1,2,3,4,6,7,8-HpCDD	0.00000044 J	0.0000044 J	0.0000040 J	0.000034	NA
HpCDDs (total)	0.00000072 J	0.0000089	0.0000084	0.000072	NA
OCDD	0.0000021 J	0.000019	0.000015	0.00041	NA
Total TEQs (WHO TEFs)	0.00000038	0.000011	0.0000088	0.0000087	NA
Inorganics					
Antimony	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	NA
Arsenic	3.50	2.80	2.60	3.20	NA
Barium	17.0 B	87.0	17.0 B	41.0	NA
Beryllium	0.200 B	0.200 B	0.130 B	0.320 B	NA
Cadmium	0.460 B	0.310 B	0.260 B	0.460 B	NA
Chromium	4.80	5.10	8.40	12.0	NA
Cobalt	5.60	6.20	5.40	7.10	NA
Copper	9.00	9.30	10.0	15.0	NA
Cyanide	0.0250 B	0.0210 B	0.0170 B	0.0830 B	NA
Lead	5.30	7.00	7.00	15.0	NA
Mercury	ND(0.110)	ND(0.110)	ND(0.110)	0.0750 B	NA
Nickel	8.60	9.60	10.0	13.0	NA
Selenium	ND(1.00)	ND(1.00)	ND(1.00)	0.900 B	NA
Silver	ND(1.00)	0.280 B	ND(1.00)	ND(1.00)	NA
Sulfide	ND(5.40)	ND(5.50)	7.00	29.0	NA
Thallium	ND(1.10)	ND(1.10)	ND(1.10)	ND(1.30)	NA
Tin	3.50 B	3.80 B	3.10 B	4.60 B	NA
Vanadium	4.20 B	5.40	6.30	9.30	NA
Zinc	32.0	36.0	30.0	52.0	NA

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-D26 6-15 05/26/04	RAA10-E-D26 8-10 05/26/04	RAA10-E-E19 0-1 05/19/04	RAA10-E-E23 0-1 05/17/04
Volatile Organics					
Acetone		NA	ND(0.024)	ND(0.022)	ND(0.022)
Benzene		NA	ND(0.0060)	ND(0.0054)	ND(0.0056)
Chlorobenzene		NA	ND(0.0060)	ND(0.0054)	ND(0.0056)
Ethylbenzene		NA	ND(0.0060)	ND(0.0054)	ND(0.0056)
Toluene		NA	ND(0.0060)	ND(0.0054)	ND(0.0056)
Trichloroethene		NA	ND(0.0060)	ND(0.0054)	ND(0.0056)
Trichlorofluoromethane		NA	ND(0.0060)	ND(0.0054)	ND(0.0056)
Xylenes (total)		NA	ND(0.0060)	ND(0.0054)	ND(0.0056)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		ND(0.57)	NA	ND(0.36)	ND(0.37)
1,2,4-Trichlorobenzene		ND(0.57)	NA	ND(0.36)	ND(0.37)
1,2-Dichlorobenzene		ND(0.57)	NA	ND(0.36)	ND(0.37)
1,3-Dichlorobenzene		ND(0.57)	NA	ND(0.36)	ND(0.37)
1,4-Dichlorobenzene		ND(0.57)	NA	ND(0.36)	ND(0.37)
2,4-Dimethylphenol		ND(0.57)	NA	ND(0.36)	ND(0.37)
2,4-Dinitrotoluene		ND(0.57)	NA	ND(0.36)	ND(0.37)
2-Methylnaphthalene		ND(0.57)	NA	ND(0.36)	ND(0.37)
2-Methylphenol		ND(0.57)	NA	ND(0.36)	ND(0.37)
Acenaphthene		ND(0.57)	NA	ND(0.36)	ND(0.37)
Acenaphthylene		ND(0.57)	NA	0.075 J	0.23 J
Aniline		ND(0.57)	NA	ND(0.36)	ND(0.37)
Anthracene		ND(0.57)	NA	0.10 J	0.13 J
Benzidine		ND(1.1)	NA	ND(0.73)	0.34 J
Benzo(a)anthracene		ND(0.57)	NA	0.34 J	0.25 J
Benzo(a)pyrene		0.17 J	NA	0.23 J	0.20 J
Benzo(b)fluoranthene		ND(0.57)	NA	0.16 J	0.13 J
Benzo(g,h,i)perylene		ND(0.57)	NA	0.16 J	0.15 J
Benzo(k)fluoranthene		ND(0.57)	NA	0.21 J	0.16 J
bis(2-Ethylhexyl)phthalate		ND(0.47)	NA	ND(0.36)	ND(0.37)
Butylbenzylphthalate		ND(0.57)	NA	ND(0.36)	ND(0.37)
Chrysene		ND(0.57)	NA	0.39	0.30 J
Dibenzo(a,h)anthracene		ND(0.57)	NA	ND(0.36)	ND(0.37)
Dibenzofuran		ND(0.57)	NA	ND(0.36)	ND(0.37)
Diethylphthalate		ND(0.57)	NA	ND(0.36)	ND(0.37)
Fluoranthene		ND(0.57)	NA	0.87	0.36 J
Fluorene		ND(0.57)	NA	ND(0.36)	ND(0.37)
Indeno(1,2,3-cd)pyrene		ND(0.57)	NA	0.15 J	0.094 J
Naphthalene		ND(0.57)	NA	ND(0.36)	ND(0.37)
Phenanthrene		ND(0.57)	NA	0.40	0.14 J
Phenol		ND(0.57)	NA	ND(0.36)	ND(0.37)
Pyrene		ND(0.57)	NA	0.70	0.46
Organochlorine Pesticides					
Technical Chlordane		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 JUNE 2004

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

Parameter / Sample ID / Sample Depth(Feet) / Date Collected:	RAA10-E-D26 6-15 05/26/04	RAA10-E-D26 8-10 05/26/04	RAA10-E-E19 0-1 05/19/04	RAA10-E-E23 0-1 05/17/04
Furans				
2,3,7,8-TCDF	ND(0.00000033) X	NA	0.0000056 Y	0.00000083 Y
TCDFs (total)	ND(0.00000027)	NA	0.000018 Q	0.000010 Q
1,2,3,7,8-PeCDF	ND(0.00000068)	NA	0.0000010 J	0.00000054 J
2,3,4,7,8-PeCDF	ND(0.00000068)	NA	0.0000036	0.0000022 J
PeCDFs (total)	ND(0.00000068)	NA	0.000054 Q	0.000019 Q
1,2,3,4,7,8-HxCDF	ND(0.00000068)	NA	0.0000026	0.00000080 J
1,2,3,6,7,8-HxCDF	ND(0.00000068)	NA	0.0000024 J	0.00000060 J
1,2,3,7,8,9-HxCDF	ND(0.00000068)	NA	0.00000063 JQ	ND(0.00000027) Q
2,3,4,6,7,8-HxCDF	ND(0.00000068)	NA	0.0000047	0.0000013 J
HxCDFs (total)	ND(0.00000068)	NA	0.000070 Q	0.000019 Q
1,2,3,4,6,7,8-HpCDF	ND(0.00000068)	NA	0.000011	0.000011
1,2,3,4,7,8,9-HpCDF	ND(0.00000068)	NA	0.0000012 J	ND(0.00000027)
HpCDFs (total)	ND(0.00000068)	NA	0.000027	0.000019 Q
OCDF	ND(0.0000014)	NA	0.000014	0.0000054 J
Dioxins				
2,3,7,8-TCDD	ND(0.00000027)	NA	ND(0.00000015) X	ND(0.00000011)
TCDDs (total)	ND(0.00000073)	NA	0.00000048 JQ	ND(0.00000031) Q
1,2,3,7,8-PeCDD	ND(0.00000068)	NA	0.00000054 J	0.00000029 J
PeCDDs (total)	ND(0.00000098)	NA	0.0000047 Q	0.0000019 JQ
1,2,3,4,7,8-HxCDD	ND(0.00000068)	NA	0.00000085 J	ND(0.00000027)
1,2,3,6,7,8-HxCDD	ND(0.00000068)	NA	0.0000017 J	0.00000068 J
1,2,3,7,8,9-HxCDD	ND(0.00000068)	NA	0.0000015 J	0.00000040 J
HxCDDs (total)	ND(0.0000011)	NA	0.000018	0.0000056
1,2,3,4,6,7,8-HpCDD	ND(0.00000068)	NA	0.000021	0.0000051
HpCDDs (total)	ND(0.00000068)	NA	0.000039	0.0000095
OCDD	0.0000014 J	NA	0.00015	0.000041
Total TEQs (WHO TEFs)	0.00000093	NA	0.0000048	0.0000021
Inorganics				
Antimony	ND(6.00)	NA	ND(6.00)	3.90 B
Arsenic	1.70	NA	2.40	6.40
Barium	25.0	NA	30.0	32.0
Beryllium	0.180 B	NA	0.120 B	0.290 B
Cadmium	0.270 B	NA	0.500 B	1.40
Chromium	6.80	NA	11.0	10.0
Cobalt	5.40	NA	4.40 B	11.0
Copper	8.20	NA	21.0	62.0
Cyanide	0.0280 B	NA	0.170	0.0330 B
Lead	3.20	NA	26.0	19.0
Mercury	ND(0.140)	NA	0.00820 B	0.0160 B
Nickel	9.40	NA	7.50	20.0
Selenium	ND(1.10)	NA	ND(1.00)	ND(1.00)
Silver	ND(1.10)	NA	ND(1.00)	ND(1.00)
Sulfide	160	NA	180	ND(5.60)
Thallium	ND(1.40)	NA	ND(1.10)	ND(1.10)
Tin	4.50 B	NA	3.20 B	13.0
Vanadium	7.50	NA	4.10 B	7.00
Zinc	37.0	NA	45.0	48.0

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-E27 0-1 05/27/04	RAA10-E-EE19 0-1 06/10/04	RAA10-E-F20 1-3 05/20/04	RAA10-E-F20 3-6 05/20/04	RAA10-E-F20 4-6 05/20/04
Volatile Organics						
Acetone		ND(0.025)	ND(0.035)	ND(0.022)	NA	ND(0.022)
Benzene		ND(0.0062)	ND(0.0089)	ND(0.0054)	NA	ND(0.0056)
Chlorobenzene		ND(0.0062)	ND(0.0089)	ND(0.0054)	NA	ND(0.0056)
Ethylbenzene		ND(0.0062)	ND(0.0089)	ND(0.0054)	NA	ND(0.0056)
Toluene		ND(0.0062)	ND(0.0089)	ND(0.0054)	NA	ND(0.0056)
Trichloroethene		ND(0.0062)	ND(0.0089)	ND(0.0054)	NA	ND(0.0056)
Trichlorofluoromethane		ND(0.0062)	ND(0.0089)	ND(0.0054)	NA	ND(0.0056)
Xylenes (total)		ND(0.0062)	ND(0.0089)	ND(0.0054)	NA	ND(0.0056)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.42)	ND(0.89)	ND(0.36)	ND(0.38)	NA
1,2,4-Trichlorobenzene		ND(0.42)	ND(0.89)	ND(0.36)	ND(0.38)	NA
1,2-Dichlorobenzene		ND(0.42)	ND(0.89)	ND(0.36)	ND(0.38)	NA
1,3-Dichlorobenzene		ND(0.42)	ND(0.89)	ND(0.36)	ND(0.38)	NA
1,4-Dichlorobenzene		ND(0.42)	ND(0.89)	ND(0.36)	ND(0.38)	NA
2,4-Dimethylphenol		ND(0.42)	ND(0.89)	ND(0.36)	ND(0.38)	NA
2,4-Dinitrotoluene		ND(0.42)	ND(0.89)	ND(0.36)	ND(0.38)	NA
2-Methylnaphthalene		ND(0.42)	ND(0.89)	ND(0.36)	ND(0.38)	NA
2-Methylphenol		ND(0.42)	ND(0.89)	ND(0.36)	ND(0.38)	NA
Acenaphthene		ND(0.42)	ND(0.89)	ND(0.36)	ND(0.38)	NA
Acenaphthylene		ND(0.42)	ND(0.89)	ND(0.36)	ND(0.38)	NA
Aniline		ND(0.42)	ND(0.89)	ND(0.36)	ND(0.38)	NA
Anthracene		0.11 J	ND(0.89)	ND(0.36)	ND(0.38)	NA
Benzidine		ND(0.84)	ND(1.8)	ND(0.73)	ND(0.77)	NA
Benzo(a)anthracene		0.19 J	ND(0.89)	ND(0.36)	ND(0.38)	NA
Benzo(a)pyrene		0.15 J	ND(0.89)	ND(0.36)	ND(0.38)	NA
Benzo(b)fluoranthene		0.12 J	ND(0.89)	ND(0.36)	ND(0.38)	NA
Benzo(g,h,i)perylene		ND(0.42)	ND(0.89)	ND(0.36)	ND(0.38)	NA
Benzo(k)fluoranthene		0.12 J	ND(0.89)	ND(0.36)	ND(0.38)	NA
bis(2-Ethylhexyl)phthalate		ND(0.41)	ND(0.58)	ND(0.36)	ND(0.38)	NA
Butylbenzylphthalate		ND(0.42)	ND(0.89)	ND(0.36)	ND(0.38)	NA
Chrysene		0.21 J	ND(0.89)	ND(0.36)	ND(0.38)	NA
Dibenzo(a,h)anthracene		ND(0.42)	ND(0.89)	ND(0.36)	ND(0.38)	NA
Dibenzofuran		ND(0.42)	ND(0.89)	ND(0.36)	ND(0.38)	NA
Diethylphthalate		ND(0.42)	ND(0.89)	ND(0.36)	ND(0.38)	NA
Fluoranthene		0.54	ND(0.89)	ND(0.36)	ND(0.38)	NA
Fluorene		ND(0.42)	ND(0.89)	ND(0.36)	ND(0.38)	NA
Indeno(1,2,3-cd)pyrene		ND(0.42)	ND(0.89)	ND(0.36)	ND(0.38)	NA
Naphthalene		ND(0.42)	ND(0.89)	ND(0.36)	ND(0.38)	NA
Phenanthrene		0.28 J	ND(0.89)	ND(0.36)	ND(0.38)	NA
Phenol		ND(0.42)	ND(0.89)	ND(0.36)	ND(0.38)	NA
Pyrene		0.34 J	ND(0.89)	ND(0.36)	ND(0.38)	NA
Organochlorine Pesticides						
Technical Chlordane		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 JUNE 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-E27 0-1 05/27/04	RAA10-E-EE19 0-1 06/10/04	RAA10-E-F20 1-3 05/20/04	RAA10-E-F20 3-6 05/20/04	RAA10-E-F20 4-6 05/20/04
Furans						
2,3,7,8-TCDF		0.0000041 Y	NA	0.00000049 J	0.00000028 J	NA
TCDFs (total)		0.00016 I	NA	0.0000032	0.0000022	NA
1,2,3,7,8-PeCDF		0.0000023 J	NA	ND(0.00000022)	ND(0.00000024)	NA
2,3,4,7,8-PeCDF		0.000050	NA	0.00000041 J	ND(0.00000024)	NA
PeCDFs (total)		0.00051 QI	NA	0.0000036	0.00000090 J	NA
1,2,3,4,7,8-HxCDF		ND(0.0000062) X	NA	0.00000024 J	ND(0.00000024)	NA
1,2,3,6,7,8-HxCDF		0.0000099	NA	ND(0.00000022)	ND(0.00000024)	NA
1,2,3,7,8,9-HxCDF		0.0000030 JQ	NA	ND(0.00000022)	ND(0.00000024)	NA
2,3,4,6,7,8-HxCDF		0.000026	NA	ND(0.00000022)	ND(0.00000024)	NA
HxCDFs (total)		0.00035 Q	NA	0.0000020 J	0.00000044 J	NA
1,2,3,4,6,7,8-HpCDF		0.000046	NA	0.00000051 J	0.00000032 J	NA
1,2,3,4,7,8,9-HpCDF		0.0000028 J	NA	ND(0.00000022)	ND(0.00000024)	NA
HpCDFs (total)		0.000097	NA	0.00000083 J	0.00000032 J	NA
OCDF		0.000039	NA	0.00000050 J	ND(0.00000048)	NA
Dioxins						
2,3,7,8-TCDD		ND(0.00000040) X	NA	ND(0.000000088)	ND(0.000000097)	NA
TCDDs (total)		0.0000022 J	NA	ND(0.00000023)	ND(0.00000021)	NA
1,2,3,7,8-PeCDD		0.0000028 J	NA	ND(0.00000022)	ND(0.00000024)	NA
PeCDDs (total)		0.000033 Q	NA	ND(0.00000038)	ND(0.00000034)	NA
1,2,3,4,7,8-HxCDD		0.0000027 J	NA	ND(0.00000022)	ND(0.00000024)	NA
1,2,3,6,7,8-HxCDD		0.0000080	NA	ND(0.00000022)	ND(0.00000024)	NA
1,2,3,7,8,9-HxCDD		0.0000051 J	NA	ND(0.00000022)	ND(0.00000024)	NA
HxCDDs (total)		0.000066	NA	ND(0.00000022)	ND(0.00000042)	NA
1,2,3,4,6,7,8-HpCDD		0.000052	NA	0.00000036 J	ND(0.00000024)	NA
HpCDDs (total)		0.00016	NA	0.00000062 J	ND(0.00000024)	NA
OCDD		0.00055	NA	0.0000016 J	0.00000099 J	NA
Total TEQs (WHO TEFs)		0.000035	NA	0.00000051	0.00000035	NA
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	NA
Arsenic		3.50	7.20	2.40	3.50	NA
Barium		47.0	100	16.0 B	16.0 B	NA
Beryllium		0.370 B	0.850	0.160 B	0.150 B	NA
Cadmium		0.590	1.20	0.410 B	0.420 B	NA
Chromium		18.0	23.0	4.10	5.60	NA
Cobalt		8.30	12.0	4.10 B	4.90 B	NA
Copper		17.0	24.0	9.80	9.90	NA
Cyanide		0.130	0.130 B	ND(0.220)	ND(0.110)	NA
Lead		24.0	43.0	5.90	4.10	NA
Mercury		0.0930 B	0.150 B	ND(0.110)	ND(0.110)	NA
Nickel		14.0	20.0	7.50	8.30	NA
Selenium		ND(1.00)	1.40	ND(1.00)	ND(1.00)	NA
Silver		ND(1.00)	1.90	ND(1.00)	ND(1.00)	NA
Sulfide		ND(6.20)	ND(8.90)	ND(5.40)	ND(5.70)	NA
Thallium		ND(1.20)	ND(1.80)	ND(1.10)	ND(1.10)	NA
Tin		4.40 B	8.50 B	3.20 B	3.20 B	NA
Vanadium		12.0	31.0	4.40 B	3.50 B	NA
Zinc		68.0	110	23.0	33.0	NA

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

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

Parameter / Sample ID / Sample Depth(Feet) / Date Collected:	RAA10-E-F20 6-8 05/20/04	RAA10-E-F20 6-15 05/20/04	RAA10-E-F26 0-1 05/25/04	RAA10-E-F28 1-3 05/25/04	RAA10-E-F28 6-8 05/25/04
Volatile Organics					
Acetone	ND(0.025)	NA	ND(0.022)	ND(0.027)	ND(0.026)
Benzene	ND(0.0062)	NA	ND(0.0056)	ND(0.0068)	ND(0.0064)
Chlorobenzene	ND(0.0062)	NA	ND(0.0056)	ND(0.0068)	ND(0.0064)
Ethylbenzene	ND(0.0062)	NA	ND(0.0056)	ND(0.0068)	ND(0.0064)
Toluene	ND(0.0062)	NA	ND(0.0056)	ND(0.0068)	ND(0.0064)
Trichloroethene	ND(0.0062)	NA	ND(0.0056)	ND(0.0068)	ND(0.0064)
Trichlorofluoromethane	ND(0.0062)	NA	ND(0.0056)	ND(0.0068)	ND(0.0064)
Xylenes (total)	ND(0.0062)	NA	ND(0.0056)	ND(0.0068)	ND(0.0064)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	ND(0.41)	ND(0.37)	ND(0.45)	NA
1,2,4-Trichlorobenzene	NA	ND(0.41)	ND(0.37)	ND(0.45)	NA
1,2-Dichlorobenzene	NA	ND(0.41)	ND(0.37)	ND(0.45)	NA
1,3-Dichlorobenzene	NA	ND(0.41)	ND(0.37)	ND(0.45)	NA
1,4-Dichlorobenzene	NA	ND(0.41)	ND(0.37)	ND(0.45)	NA
2,4-Dimethylphenol	NA	ND(0.41)	ND(0.37)	ND(0.45)	NA
2,4-Dinitrotoluene	NA	ND(0.41)	ND(0.37)	ND(0.45)	NA
2-Methylnaphthalene	NA	ND(0.41)	ND(0.37)	ND(0.45)	NA
2-Methylphenol	NA	ND(0.41)	ND(0.37)	ND(0.45)	NA
Acenaphthene	NA	ND(0.41)	ND(0.37)	0.58	NA
Acenaphthylene	NA	ND(0.41)	ND(0.37)	ND(0.45)	NA
Aniline	NA	ND(0.41)	ND(0.37)	ND(0.45)	NA
Anthracene	NA	ND(0.41)	ND(0.37)	0.86	NA
Benzidine	NA	ND(0.83)	ND(0.75)	ND(0.91)	NA
Benzo(a)anthracene	NA	ND(0.41)	ND(0.37)	1.2	NA
Benzo(a)pyrene	NA	ND(0.41)	ND(0.37)	0.64	NA
Benzo(b)fluoranthene	NA	ND(0.41)	ND(0.37)	0.54	NA
Benzo(g,h,i)perylene	NA	ND(0.41)	ND(0.37)	0.34 J	NA
Benzo(k)fluoranthene	NA	ND(0.41)	ND(0.37)	0.62	NA
bis(2-Ethylhexyl)phthalate	NA	ND(0.41)	ND(0.37)	ND(0.45)	NA
Butylbenzylphthalate	NA	ND(0.41)	ND(0.37)	ND(0.45)	NA
Chrysene	NA	ND(0.41)	ND(0.37)	1.2	NA
Dibenzo(a,h)anthracene	NA	ND(0.41)	ND(0.37)	0.15 J	NA
Dibenzofuran	NA	ND(0.41)	ND(0.37)	0.20 J	NA
Diethylphthalate	NA	ND(0.41)	ND(0.37)	ND(0.45)	NA
Fluoranthene	NA	ND(0.41)	ND(0.37)	4.3	NA
Fluorene	NA	ND(0.41)	ND(0.37)	0.41 J	NA
Indeno(1,2,3-cd)pyrene	NA	ND(0.41)	ND(0.37)	0.31 J	NA
Naphthalene	NA	ND(0.41)	ND(0.37)	0.20 J	NA
Phenanthrene	NA	ND(0.41)	ND(0.37)	2.7	NA
Phenol	NA	ND(0.41)	ND(0.37)	ND(0.45)	NA
Pyrene	NA	ND(0.41)	ND(0.37)	2.4	NA
Organochlorine Pesticides					
Technical Chlordane	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 JUNE 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-F20 6-8 05/20/04	RAA10-E-F20 6-15 05/20/04	RAA10-E-F26 0-1 05/25/04	RAA10-E-F28 1-3 05/25/04	RAA10-E-F28 6-8 05/25/04
Furans						
2,3,7,8-TCDF		NA	0.00000013 J	0.0000032 Y	0.000014 Y	NA
TCDFs (total)		NA	0.00000013 J	0.00026 I	0.0012 I	NA
1,2,3,7,8-PeCDF		NA	ND(0.00000022)	0.0000095	0.0000076	NA
2,3,4,7,8-PeCDF		NA	ND(0.00000022)	0.00013	0.00026	NA
PeCDFs (total)		NA	ND(0.00000022)	0.00083 Q	0.0024 I	NA
1,2,3,4,7,8-HxCDF		NA	ND(0.00000022)	0.000099	ND(0.000036) X	NA
1,2,3,6,7,8-HxCDF		NA	ND(0.00000022)	0.000037	0.000043	NA
1,2,3,7,8,9-HxCDF		NA	ND(0.00000022)	0.000062	0.000025	NA
2,3,4,6,7,8-HxCDF		NA	ND(0.00000022)	0.000068	0.00010	NA
HxCDFs (total)		NA	ND(0.00000022)	0.00078 I	0.0014	NA
1,2,3,4,6,7,8-HpCDF		NA	ND(0.00000022)	0.000061	0.000086	NA
1,2,3,4,7,8,9-HpCDF		NA	ND(0.00000022)	0.000023	0.000010	NA
HpCDFs (total)		NA	ND(0.00000022)	0.00016	0.00019	NA
OCDF		NA	ND(0.00000044)	0.000014	0.000031	NA
Dioxins						
2,3,7,8-TCDD		NA	ND(0.000000088)	0.0000035	ND(0.0000069)	NA
TCDDs (total)		NA	ND(0.00000026)	0.00021	0.000029	NA
1,2,3,7,8-PeCDD		NA	ND(0.00000022)	0.000073	ND(0.000031) X	NA
PeCDDs (total)		NA	ND(0.00000036)	0.0013	0.00049 Q	NA
1,2,3,4,7,8-HxCDD		NA	ND(0.00000022)	0.000044	0.000024	NA
1,2,3,6,7,8-HxCDD		NA	ND(0.00000022)	0.00022	0.00013	NA
1,2,3,7,8,9-HxCDD		NA	ND(0.00000022)	0.00010	0.000061	NA
HxCDDs (total)		NA	ND(0.00000041)	0.0024	0.0012	NA
1,2,3,4,6,7,8-HpCDD		NA	ND(0.00000022)	0.00040	0.00020	NA
HpCDDs (total)		NA	ND(0.00000022)	0.00094	0.00047	NA
OCDD		NA	0.00000067 J	0.00020	0.00018	NA
Total TEQs (WHO TEFs)		NA	0.00000031	0.00021	0.00019	NA
Inorganics						
Antimony		NA	ND(6.00)	ND(6.00)	ND(6.00)	NA
Arsenic		NA	1.80	5.60	4.50	NA
Barium		NA	15.0 B	24.0	84.0	NA
Beryllium		NA	0.210 B	0.620	0.600	NA
Cadmium		NA	0.290 B	0.330 B	0.770	NA
Chromium		NA	6.20	5.50	15.0	NA
Cobalt		NA	5.30	5.60	11.0	NA
Copper		NA	9.70	12.0	18.0	NA
Cyanide		NA	ND(0.120)	0.310	ND(0.140)	NA
Lead		NA	3.80	7.80	20.0	NA
Mercury		NA	ND(0.120)	0.0280 B	0.140	NA
Nickel		NA	9.00	9.90	20.0	NA
Selenium		NA	ND(1.00)	0.610 B	1.50	NA
Silver		NA	ND(1.00)	ND(1.00)	ND(1.00)	NA
Sulfide		NA	ND(6.20)	8.90	11.0	NA
Thallium		NA	ND(1.20)	ND(1.10)	ND(1.40)	NA
Tin		NA	3.80 B	3.40 B	4.90 B	NA
Vanadium		NA	6.40	7.70	16.0	NA
Zinc		NA	33.0	21.0	82.0	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA10-E-F28 6-15 05/25/04	RAA10-E-G21 0-1 05/19/04	RAA10-E-G24 0-1 05/18/04	RAA10-E-G28 0-1 05/26/04	RAA10-E-H26 0-1 05/26/04
Volatile Organics					
Acetone	NA	ND(0.021)	ND(0.021)	ND(0.022)	ND(0.021)
Benzene	NA	ND(0.0053)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Chlorobenzene	NA	ND(0.0053)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Ethylbenzene	NA	ND(0.0053)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Toluene	NA	ND(0.0053)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Trichloroethene	NA	ND(0.0053)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Trichlorofluoromethane	NA	ND(0.0053)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Xylenes (total)	NA	ND(0.0053)	ND(0.0053)	ND(0.0056)	ND(0.0053)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.44)	ND(0.35)	ND(0.36)	ND(0.37)	ND(0.36)
1,2,4-Trichlorobenzene	ND(0.44)	ND(0.35)	ND(0.36)	ND(0.37)	ND(0.36)
1,2-Dichlorobenzene	ND(0.44)	ND(0.35)	ND(0.36)	ND(0.37)	ND(0.36)
1,3-Dichlorobenzene	ND(0.44)	ND(0.35)	ND(0.36)	ND(0.37)	ND(0.36)
1,4-Dichlorobenzene	ND(0.44)	ND(0.35)	ND(0.36)	ND(0.37)	ND(0.36)
2,4-Dimethylphenol	ND(0.44)	ND(0.35)	ND(0.36)	ND(0.37)	ND(0.36)
2,4-Dinitrotoluene	ND(0.44)	ND(0.35)	ND(0.36)	ND(0.37)	ND(0.36)
2-Methylnaphthalene	ND(0.44)	0.18 J	ND(0.36)	ND(0.37)	0.10 J
2-Methylphenol	ND(0.44)	ND(0.35)	ND(0.36)	ND(0.37)	ND(0.36)
Acenaphthene	ND(0.44)	ND(0.35)	ND(0.36)	ND(0.37)	ND(0.36)
Acenaphthylene	ND(0.44)	1.8	ND(0.36)	0.22 J	5.2
Aniline	ND(0.44)	ND(0.35)	ND(0.36)	ND(0.37)	ND(0.36)
Anthracene	ND(0.44)	1.3	ND(0.36)	ND(0.37)	3.1
Benzidine	ND(0.88)	ND(0.71)	ND(0.72)	ND(0.75)	ND(0.71)
Benzo(a)anthracene	ND(0.44)	2.9	ND(0.36)	ND(0.37)	3.2
Benzo(a)pyrene	ND(0.44)	1.7	ND(0.36)	ND(0.37)	2.0
Benzo(b)fluoranthene	ND(0.44)	1.4	ND(0.36)	ND(0.37)	1.3
Benzo(g,h,i)perylene	ND(0.44)	0.99	ND(0.36)	ND(0.37)	1.1
Benzo(k)fluoranthene	ND(0.44)	1.4	ND(0.36)	ND(0.37)	1.9
bis(2-Ethylhexyl)phthalate	ND(0.43)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.35)
Butylbenzylphthalate	ND(0.44)	ND(0.35)	ND(0.36)	ND(0.37)	ND(0.36)
Chrysene	ND(0.44)	3.2	ND(0.36)	ND(0.37)	3.3
Dibenzo(a,h)anthracene	ND(0.44)	0.29 J	ND(0.36)	ND(0.37)	0.43
Dibenzofuran	ND(0.44)	0.14 J	ND(0.36)	ND(0.37)	0.76
Diethylphthalate	ND(0.44)	ND(0.35)	ND(0.36)	ND(0.37)	ND(0.36)
Fluoranthene	ND(0.44)	5.4	ND(0.36)	ND(0.37)	14
Fluorene	ND(0.44)	0.59	ND(0.36)	ND(0.37)	3.0
Indeno(1,2,3-cd)pyrene	ND(0.44)	0.80	ND(0.36)	ND(0.37)	0.84
Naphthalene	ND(0.44)	0.092 J	ND(0.36)	ND(0.37)	0.11 J
Phenanthrene	ND(0.44)	4.1	ND(0.36)	ND(0.37)	16
Phenol	ND(0.44)	ND(0.35)	ND(0.36)	ND(0.37)	ND(0.36)
Pyrene	ND(0.44)	6.1	ND(0.36)	ND(0.37)	6.8
Organochlorine Pesticides					
Technical Chlordane	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 JUNE 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-F28 6-15 05/25/04	RAA10-E-G21 0-1 05/19/04	RAA10-E-G24 0-1 05/18/04	RAA10-E-G28 0-1 05/26/04	RAA10-E-H26 0-1 05/26/04
Furans						
2,3,7,8-TCDF		0.00000051 J	0.00000065 JQ	0.00000070 J	0.0000064 Y	0.00000058 J
TCDFs (total)		0.000036 I	0.000019 Q	0.0000040	0.00084 I	0.000017 Q
1,2,3,7,8-PeCDF		0.0000028 J	0.00000053 JQ	0.00000033 J	0.000010	ND(0.00000054) Q
2,3,4,7,8-PeCDF		0.000016	0.0000035 Q	0.00000078 J	0.00039	0.0000055 Q
PeCDFs (total)		0.00012 I	0.000019 Q	0.0000073	0.0024 EQ	0.000015 Q
1,2,3,4,7,8-HxCDF		0.000042	0.0000030	0.00000059 J	0.000078	0.00000077 J
1,2,3,6,7,8-HxCDF		0.000013	0.0000020 J	0.00000043 J	0.000052	0.0000012 J
1,2,3,7,8,9-HxCDF		0.000023	0.00000036 JQ	ND(0.00000022)	0.000054	ND(0.00000054)
2,3,4,6,7,8-HxCDF		0.000017	0.0000028	0.00000074 J	0.00015	0.0000029 J
HxCDFs (total)		0.00022 I	0.000038 Q	0.000010	0.0017 I	0.000035
1,2,3,4,6,7,8-HpCDF		0.000026	0.0000070	0.0000023	0.000071	0.0000020 J
1,2,3,4,7,8,9-HpCDF		0.0000091	0.00000098 J	0.00000022 J	0.000021	ND(0.00000054)
HpCDFs (total)		0.000065	0.000012	0.0000064	0.00021	0.0000050 J
OCDF		0.0000048 J	0.0000063	0.0000022 J	0.000020	0.0000014 J
Dioxins						
2,3,7,8-TCDD		0.0000013 J	ND(0.00000014)	ND(0.000000087)	0.0000033	ND(0.00000030)
TCDDs (total)		0.000074	0.00000090 JQ	ND(0.00000024)	0.00017	ND(0.00000056) Q
1,2,3,7,8-PeCDD		0.000049	0.00000036 JQ	ND(0.00000022)	0.000059	0.00000061 J
PeCDDs (total)		0.00077	0.0000028 Q	ND(0.00000041) Q	0.00087 Q	0.0000034 JQ
1,2,3,4,7,8-HxCDD		0.000036	0.00000026 J	ND(0.00000022)	0.000038	ND(0.00000054)
1,2,3,6,7,8-HxCDD		0.00021	0.00000083 JQ	0.00000028 J	0.00018	0.0000012 J
1,2,3,7,8,9-HxCDD		0.00011	0.00000052 J	ND(0.00000022)	0.000087	0.00000094 J
HxCDDs (total)		0.0020	0.0000083 Q	0.0000012 J	0.0018	0.000010
1,2,3,4,6,7,8-HpCDD		0.00032	0.0000045	0.0000033	0.00036	0.0000050 J
HpCDDs (total)		0.00083	0.0000091	0.0000059	0.00094	0.000011
OCDD		0.00011	0.000030	0.000051	0.00030	0.000021
Total TEQs (WHO TEFs)		0.00011	0.0000034	0.00000093	0.00033	0.0000044
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		2.20	3.20	3.90	4.20	3.70
Barium		31.0	25.0	27.0	21.0	30.0
Beryllium		0.250 B	0.150 B	0.190 B	0.160 B	0.150 B
Cadmium		0.340 B	0.470 B	0.670	0.480 B	0.290 B
Chromium		8.50	5.20	4.80	8.20	5.20
Cobalt		7.80	5.90	5.70	5.50	6.10
Copper		9.20	15.0	13.0	14.0	11.0
Cyanide		0.0210 B	0.0210 B	0.0200 B	0.140	ND(0.110)
Lead		4.40	10.0	7.50	12.0	7.50
Mercury		ND(0.130)	ND(0.110)	0.00860 B	0.120	ND(0.110)
Nickel		12.0	9.40	10.0	9.90	10.0
Selenium		1.20	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Silver		ND(1.00)	0.120 B	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		38.0	6.80	ND(5.30)	9.00	26.0
Thallium		ND(1.30)	ND(1.10)	ND(1.10)	ND(1.10)	ND(1.10)
Tin		4.30 B	3.70 B	4.00 B	4.10 B	3.40 B
Vanadium		9.00	4.70 B	4.50 B	8.90	8.20
Zinc		44.0	29.0	36.0	36.0	32.0

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA10-E-H26 1-3 05/26/04	RAA10-E-H26 3-6 05/26/04	RAA10-E-H26 4-6 05/26/04	RAA10-E-H26 6-15 05/26/04	RAA10-E-H26 8-10 05/26/04
Volatile Organics					
Acetone	ND(0.025)	NA	ND(0.028)	NA	ND(0.025)
Benzene	ND(0.0063)	NA	ND(0.0071)	NA	ND(0.0062)
Chlorobenzene	ND(0.0063)	NA	ND(0.0071)	NA	ND(0.0062)
Ethylbenzene	ND(0.0063)	NA	ND(0.0071)	NA	ND(0.0062)
Toluene	ND(0.0063)	NA	ND(0.0071)	NA	ND(0.0062)
Trichloroethene	ND(0.0063)	NA	ND(0.0071)	NA	ND(0.0062)
Trichlorofluoromethane	ND(0.0063)	NA	ND(0.0071)	NA	ND(0.0062)
Xylenes (total)	ND(0.0063)	NA	ND(0.0071)	NA	ND(0.0062)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.71)	ND(0.93)	NA	ND(1.2)	NA
1,2,4-Trichlorobenzene	ND(0.71)	ND(0.93)	NA	ND(1.2)	NA
1,2-Dichlorobenzene	ND(0.71)	ND(0.93)	NA	ND(1.2)	NA
1,3-Dichlorobenzene	ND(0.71)	ND(0.93)	NA	ND(1.2)	NA
1,4-Dichlorobenzene	ND(0.71)	ND(0.93)	NA	ND(1.2)	NA
2,4-Dimethylphenol	ND(0.71)	ND(0.93)	NA	ND(1.2)	NA
2,4-Dinitrotoluene	ND(0.71)	ND(0.93)	NA	ND(1.2)	NA
2-Methylnaphthalene	0.50 J	ND(0.93)	NA	ND(1.2)	NA
2-Methylphenol	ND(0.71)	ND(0.93)	NA	ND(1.2)	NA
Acenaphthene	0.60 J	ND(0.93)	NA	ND(1.2)	NA
Acenaphthylene	2.4	ND(0.93)	NA	0.29 J	NA
Aniline	ND(0.71)	ND(0.93)	NA	ND(1.2)	NA
Anthracene	1.7	ND(0.93)	NA	ND(1.2)	NA
Benzidine	ND(1.4)	ND(1.9)	NA	ND(2.5)	NA
Benzo(a)anthracene	1.6	ND(0.93)	NA	ND(1.2)	NA
Benzo(a)pyrene	0.96	ND(0.93)	NA	ND(1.2)	NA
Benzo(b)fluoranthene	0.60 J	ND(0.93)	NA	ND(1.2)	NA
Benzo(g,h,i)perylene	0.54 J	ND(0.93)	NA	ND(1.2)	NA
Benzo(k)fluoranthene	0.70 J	ND(0.93)	NA	ND(1.2)	NA
bis(2-Ethylhexyl)phthalate	ND(0.42)	ND(0.47)	NA	ND(0.62)	NA
Butylbenzylphthalate	ND(0.71)	ND(0.93)	NA	ND(1.2)	NA
Chrysene	1.6	ND(0.93)	NA	ND(1.2)	NA
Dibenzo(a,h)anthracene	0.22 J	ND(0.93)	NA	ND(1.2)	NA
Dibenzofuran	0.36 J	ND(0.93)	NA	ND(1.2)	NA
Diethylphthalate	ND(0.71)	ND(0.93)	NA	ND(1.2)	NA
Fluoranthene	5.1	ND(0.93)	NA	ND(1.2)	NA
Fluorene	1.7	ND(0.93)	NA	ND(1.2)	NA
Indeno(1,2,3-cd)pyrene	0.41 J	ND(0.93)	NA	ND(1.2)	NA
Naphthalene	ND(0.71)	ND(0.93)	NA	ND(1.2)	NA
Phenanthrene	6.2	ND(0.93)	NA	ND(1.2)	NA
Phenol	ND(0.71)	ND(0.93)	NA	ND(1.2)	NA
Pyrene	3.5	ND(0.93)	NA	ND(1.2)	NA
Organochlorine Pesticides					
Technical Chlordane	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 JUNE 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-H26 1-3 05/26/04	RAA10-E-H26 3-6 05/26/04	RAA10-E-H26 4-6 05/26/04	RAA10-E-H26 6-15 05/26/04	RAA10-E-H26 8-10 05/26/04
Furans						
2,3,7,8-TCDF		0.0000021 J	0.00000043 J	NA	ND(0.00000025)	NA
TCDFs (total)		0.000017 Q	0.00000043 J	NA	ND(0.00000025)	NA
1,2,3,7,8-PeCDF		0.00000069 J	ND(0.00000069)	NA	ND(0.00000063)	NA
2,3,4,7,8-PeCDF		0.0000020 J	ND(0.00000069)	NA	ND(0.00000063)	NA
PeCDFs (total)		0.000011 Q	ND(0.00000069)	NA	ND(0.00000063)	NA
1,2,3,4,7,8-HxCDF		0.00000065 J	ND(0.00000069)	NA	ND(0.00000063)	NA
1,2,3,6,7,8-HxCDF		0.0000013 J	ND(0.00000069)	NA	ND(0.00000063)	NA
1,2,3,7,8,9-HxCDF		ND(0.00000062)	ND(0.00000069)	NA	ND(0.00000063)	NA
2,3,4,6,7,8-HxCDF		0.0000010 J	ND(0.00000069)	NA	ND(0.00000063)	NA
HxCDFs (total)		0.000013	ND(0.00000069)	NA	ND(0.00000063)	NA
1,2,3,4,6,7,8-HpCDF		0.0000051 J	ND(0.00000069)	NA	ND(0.00000063)	NA
1,2,3,4,7,8,9-HpCDF		ND(0.00000062)	ND(0.00000069)	NA	ND(0.00000063)	NA
HpCDFs (total)		0.0000089	ND(0.00000069)	NA	ND(0.00000063)	NA
OCDF		0.0000026 J	ND(0.0000014)	NA	ND(0.0000013)	NA
Dioxins						
2,3,7,8-TCDD		ND(0.00000025)	ND(0.00000028)	NA	ND(0.00000025)	NA
TCDDs (total)		ND(0.00000065)	ND(0.00000080)	NA	ND(0.00000074)	NA
1,2,3,7,8-PeCDD		ND(0.00000062)	ND(0.00000069)	NA	ND(0.00000063)	NA
PeCDDs (total)		ND(0.0000011)	ND(0.0000010)	NA	ND(0.00000092)	NA
1,2,3,4,7,8-HxCDD		ND(0.00000062)	ND(0.00000069)	NA	ND(0.00000063)	NA
1,2,3,6,7,8-HxCDD		0.00000064 J	ND(0.00000069)	NA	ND(0.00000063)	NA
1,2,3,7,8,9-HxCDD		ND(0.00000062)	ND(0.00000069)	NA	ND(0.00000063)	NA
HxCDDs (total)		0.0000016 J	ND(0.0000012)	NA	ND(0.0000011)	NA
1,2,3,4,6,7,8-HpCDD		0.0000028 J	ND(0.00000069)	NA	ND(0.00000063)	NA
HpCDDs (total)		0.0000053 J	ND(0.00000069)	NA	ND(0.00000063)	NA
OCDD		0.000018	0.0000032 J	NA	0.0000024 J	NA
Total TEQs (WHO TEFs)		0.0000022	0.00000097	NA	0.00000086	NA
Inorganics						
Antimony		ND(6.00)	ND(6.00)	NA	ND(6.00)	NA
Arsenic		3.40	5.00	NA	3.70	NA
Barium		74.0	88.0	NA	62.0	NA
Beryllium		0.480 B	0.720	NA	0.420 B	NA
Cadmium		0.490 B	0.770	NA	0.520	NA
Chromium		10.0	16.0	NA	12.0	NA
Cobalt		9.00	14.0	NA	10.0	NA
Copper		13.0	19.0	NA	13.0	NA
Cyanide		0.0520 B	0.0270 B	NA	0.0350 B	NA
Lead		10.0	9.20	NA	5.90	NA
Mercury		0.0700 B	0.0320 B	NA	0.0160 B	NA
Nickel		14.0	23.0	NA	16.0	NA
Selenium		1.00 B	1.00 B	NA	ND(1.10)	NA
Silver		ND(1.00)	0.140 B	NA	ND(1.10)	NA
Sulfide		60.0	31.0	NA	18.0	NA
Thallium		ND(1.20)	ND(1.40)	NA	ND(1.40)	NA
Tin		4.20 B	4.70 B	NA	5.10 B	NA
Vanadium		13.0	18.0	NA	14.0	NA
Zinc		54.0	73.0	NA	56.0	NA

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-I18 0-1 05/19/04	RAA10-E-I20 0-1 05/17/04	RAA10-E-I25 0-1 05/27/04
Volatile Organics				
Acetone		ND(0.023)	ND(0.021) [ND(0.021)]	ND(0.022)
Benzene		ND(0.0057)	ND(0.0053) [ND(0.0052)]	ND(0.0056)
Chlorobenzene		ND(0.0057)	ND(0.0053) [ND(0.0052)]	ND(0.0056)
Ethylbenzene		ND(0.0057)	ND(0.0053) [ND(0.0052)]	ND(0.0056)
Toluene		ND(0.0057)	ND(0.0053) [ND(0.0052)]	ND(0.0056)
Trichloroethene		ND(0.0057)	ND(0.0053) [ND(0.0052)]	ND(0.0056)
Trichlorofluoromethane		ND(0.0057)	ND(0.0053) [ND(0.0052)]	ND(0.0056)
Xylenes (total)		ND(0.0057)	ND(0.0053) [ND(0.0052)]	ND(0.0056)
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene		ND(0.38)	ND(0.36) [ND(0.36)]	ND(0.37)
1,2,4-Trichlorobenzene		ND(0.38)	ND(0.36) [ND(0.36)]	ND(0.37)
1,2-Dichlorobenzene		ND(0.38)	ND(0.36) [ND(0.36)]	ND(0.37)
1,3-Dichlorobenzene		ND(0.38)	ND(0.36) [ND(0.36)]	ND(0.37)
1,4-Dichlorobenzene		ND(0.38)	ND(0.36) [ND(0.36)]	ND(0.37)
2,4-Dimethylphenol		ND(0.38)	ND(0.36) [ND(0.36)]	ND(0.37)
2,4-Dinitrotoluene		ND(0.38)	ND(0.36) [ND(0.36)]	ND(0.37)
2-Methylnaphthalene		ND(0.38)	ND(0.36) [ND(0.36)]	ND(0.37)
2-Methylphenol		ND(0.38)	ND(0.36) [ND(0.36)]	ND(0.37)
Acenaphthene		ND(0.38)	ND(0.36) [ND(0.36)]	ND(0.37)
Acenaphthylene		0.22 J	ND(0.36) [ND(0.36)]	ND(0.37)
Aniline		ND(0.38)	ND(0.36) [ND(0.36)]	ND(0.37)
Anthracene		0.15 J	0.087 J [ND(0.36)]	ND(0.37)
Benzidine		ND(0.76)	ND(0.72) [ND(0.72)]	ND(0.74)
Benzo(a)anthracene		0.37 J	0.16 J [0.11 J]	ND(0.37)
Benzo(a)pyrene		0.28 J	0.10 J [0.084 J]	ND(0.37)
Benzo(b)fluoranthene		0.28 J	ND(0.36) [ND(0.36)]	ND(0.37)
Benzo(g,h,i)perylene		0.21 J	ND(0.36) [ND(0.36)]	ND(0.37)
Benzo(k)fluoranthene		0.26 J	ND(0.36) [ND(0.36)]	ND(0.37)
bis(2-Ethylhexyl)phthalate		ND(0.37)	ND(0.35) [ND(0.35)]	ND(0.37)
Butylbenzylphthalate		ND(0.38)	ND(0.36) [ND(0.36)]	ND(0.37)
Chrysene		0.47	0.21 J [0.14 J]	ND(0.37)
Dibenzo(a,h)anthracene		ND(0.38)	ND(0.36) [ND(0.36)]	ND(0.37)
Dibenzofuran		ND(0.38)	ND(0.36) [ND(0.36)]	ND(0.37)
Diethylphthalate		ND(0.38)	ND(0.36) [ND(0.36)]	ND(0.37)
Fluoranthene		0.84	0.41 [0.28 J]	ND(0.37)
Fluorene		ND(0.38)	ND(0.36) [ND(0.36)]	ND(0.37)
Indeno(1,2,3-cd)pyrene		0.17 J	ND(0.36) [ND(0.36)]	ND(0.37)
Naphthalene		ND(0.38)	ND(0.36) [ND(0.36)]	ND(0.37)
Phenanthrene		0.29 J	0.29 J [0.18 J]	ND(0.37)
Phenol		ND(0.38)	ND(0.36) [ND(0.36)]	ND(0.37)
Pyrene		0.74	0.35 J [0.26 J]	0.088 J
Organochlorine Pesticides				
Technical Chlordane		NA	NA	NA
Organophosphate Pesticides				
None Detected		NA	NA	NA
Herbicides				
None Detected		NA	NA	NA

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-I18 0-1 05/19/04	RAA10-E-I20 0-1 05/17/04	RAA10-E-I25 0-1 05/27/04
Furans				
2,3,7,8-TCDF		0.0000046 Y	0.00000070 J [0.00000051 J]	0.00000098 J
TCDFs (total)		0.000034 Q	0.000012 Q [0.0000074]	0.000028
1,2,3,7,8-PeCDF		0.0000013 J	0.00000072 J [0.00000032 J]	ND(0.00000049)
2,3,4,7,8-PeCDF		0.0000038	0.0000026 JQ [0.0000025]	0.0000092
PeCDFs (total)		0.000025 Q	0.000025 Q [0.000021 Q]	0.000086
1,2,3,4,7,8-HxCDF		0.0000023 J	0.00000072 J [0.00000063 J]	0.00000096 J
1,2,3,6,7,8-HxCDF		0.0000018 J	0.00000060 J [0.00000058 J]	ND(0.0000016) X
1,2,3,7,8,9-HxCDF		0.00000052 J	ND(0.00000026) Q [0.00000027 JQ]	0.00000066 J
2,3,4,6,7,8-HxCDF		0.0000029	0.0000012 J [0.0000013 J]	0.0000042 J
HxCDFs (total)		0.000040	0.000018 Q [0.000016 Q]	0.000053
1,2,3,4,6,7,8-HpCDF		0.0000053	0.0000052 [0.0000024]	0.0000056
1,2,3,4,7,8,9-HpCDF		0.00000074 J	0.00000028 J [0.00000026 J]	ND(0.00000049)
HpCDFs (total)		0.000011	0.000011 [0.0000053]	0.000013
OCDF		0.0000038 J	0.0000082 [0.0000023 J]	0.0000060 J
Dioxins				
2,3,7,8-TCDD		ND(0.000000092)	ND(0.00000010) [ND(0.000000086)]	ND(0.00000019)
TCDDs (total)		0.00000061 JQ	0.0000010 J [0.00000011 J]	0.0000015 J
1,2,3,7,8-PeCDD		ND(0.00000023)	ND(0.00000026) [0.00000025 J]	0.00000073 J
PeCDDs (total)		0.0000015 JQ	0.0000015 JQ [0.0000012 JQ]	0.0000040 J
1,2,3,4,7,8-HxCDD		ND(0.00000023)	ND(0.00000026) [0.00000022 J]	ND(0.00000049)
1,2,3,6,7,8-HxCDD		0.00000054 J	0.00000070 J [0.00000066 J]	0.0000018 J
1,2,3,7,8,9-HxCDD		0.00000035 J	0.00000044 J [0.00000041 J]	0.0000012 J
HxCDDs (total)		0.0000043	0.0000058 [0.0000058]	0.000020
1,2,3,4,6,7,8-HpCDD		0.0000026	0.0000055 [0.0000030]	0.000011
HpCDDs (total)		0.0000051	0.0000099 [0.0000056]	0.000046
OCDD		0.000020	0.000060 [0.000026]	0.000080
Total TEQs (WHO TEFs)		0.0000035	0.0000021 [0.0000021]	0.0000067
Inorganics				
Antimony		ND(6.00)	ND(6.00) [ND(6.00)]	1.10 B
Arsenic		4.10	4.90 [3.40]	2.90
Barium		48.0	23.0 [18.0 B]	14.0 B
Beryllium		0.250 B	0.220 B [0.190 B]	0.140 B
Cadmium		0.600	0.710 [0.520]	0.370 B
Chromium		6.10	6.40 [4.90]	4.50
Cobalt		5.70	5.90 [5.00]	5.20
Copper		19.0	12.0 [9.50]	9.40
Cyanide		0.0560 B	ND(0.110) [ND(0.110)]	ND(0.220)
Lead		28.0	8.20 [6.60]	6.80
Mercury		0.0390 B	0.0300 B [0.0250 B]	ND(0.110)
Nickel		11.0	12.0 [8.40]	8.80
Selenium		ND(1.00)	ND(1.00) [ND(1.00)]	ND(1.00)
Silver		0.140 B	ND(1.00) [ND(1.00)]	ND(1.00)
Sulfide		7.20	ND(5.30) [ND(5.30)]	8.90
Thallium		ND(1.10)	ND(1.10) [ND(1.10)]	ND(1.10)
Tin		4.40 B	3.60 B [3.40 B]	4.00 B
Vanadium		5.30	9.50 [7.40]	12.0
Zinc		69.0	41.0 [30.0]	31.0

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA10-E-I27 0-1 05/27/04	RAA10-E-I29 0-1 05/27/04	RAA10-E-J24 1-3 05/26/04	RAA10-E-J24 3-6 05/26/04	RAA10-E-J24 4-6 05/26/04
Volatile Organics					
Acetone	ND(0.022)	ND(0.023)	ND(0.022)	NA	0.015 J
Benzene	ND(0.0055)	ND(0.0058)	ND(0.0054)	NA	ND(0.0068)
Chlorobenzene	ND(0.0055)	ND(0.0058)	ND(0.0054)	NA	ND(0.0068)
Ethylbenzene	ND(0.0055)	ND(0.0058)	ND(0.0054)	NA	ND(0.0068)
Toluene	ND(0.0055)	ND(0.0058)	ND(0.0054)	NA	ND(0.0068)
Trichloroethene	ND(0.0055)	ND(0.0058)	ND(0.0054)	NA	ND(0.0068)
Trichlorofluoromethane	ND(0.0055)	ND(0.0058)	ND(0.0054)	NA	ND(0.0068)
Xylenes (total)	ND(0.0055)	ND(0.0058)	ND(0.0054)	NA	ND(0.0068)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.37)	ND(0.39)	ND(0.47)	ND(0.40)	NA
1,2,4-Trichlorobenzene	ND(0.37)	ND(0.39)	ND(0.47)	ND(0.40)	NA
1,2-Dichlorobenzene	ND(0.37)	ND(0.39)	ND(0.47)	ND(0.40)	NA
1,3-Dichlorobenzene	ND(0.37)	ND(0.39)	ND(0.47)	ND(0.40)	NA
1,4-Dichlorobenzene	ND(0.37)	ND(0.39)	ND(0.47)	ND(0.40)	NA
2,4-Dimethylphenol	ND(0.37)	ND(0.39)	ND(0.47)	ND(0.40)	NA
2,4-Dinitrotoluene	ND(0.37)	ND(0.39)	ND(0.47)	ND(0.40)	NA
2-Methylnaphthalene	ND(0.37)	0.10 J	ND(0.47)	ND(0.40)	NA
2-Methylphenol	ND(0.37)	ND(0.39)	ND(0.47)	ND(0.40)	NA
Acenaphthene	ND(0.37)	0.25 J	ND(0.47)	ND(0.40)	NA
Acenaphthylene	ND(0.37)	0.99	0.20 J	0.67	NA
Aniline	ND(0.37)	1.2	ND(0.47)	ND(0.40)	NA
Anthracene	ND(0.37)	0.85	0.12 J	0.58	NA
Benzidine	ND(0.74)	ND(0.78)	ND(0.94)	ND(0.79)	NA
Benzo(a)anthracene	ND(0.37)	1.5	0.19 J	0.76	NA
Benzo(a)pyrene	ND(0.37)	1.1	0.12 J	0.49	NA
Benzo(b)fluoranthene	ND(0.37)	0.75	0.11 J	0.42	NA
Benzo(g,h,i)perylene	ND(0.37)	0.72	ND(0.47)	0.27 J	NA
Benzo(k)fluoranthene	ND(0.37)	0.78	ND(0.47)	0.42	NA
bis(2-Ethylhexyl)phthalate	ND(0.36)	0.18 J	ND(0.36)	ND(0.39)	NA
Butylbenzylphthalate	ND(0.37)	0.12 J	ND(0.47)	ND(0.40)	NA
Chrysene	ND(0.37)	1.6	0.19 J	0.85	NA
Dibenzo(a,h)anthracene	ND(0.37)	0.22 J	ND(0.47)	0.096 J	NA
Dibenzofuran	ND(0.37)	0.12 J	ND(0.47)	0.13 J	NA
Diethylphthalate	ND(0.37)	ND(0.39)	ND(0.47)	ND(0.40)	NA
Fluoranthene	ND(0.37)	3.4	0.42 J	2.3	NA
Fluorene	ND(0.37)	0.35 J	ND(0.47)	0.52	NA
Indeno(1,2,3-cd)pyrene	ND(0.37)	0.56	ND(0.47)	0.21 J	NA
Naphthalene	ND(0.37)	0.12 J	ND(0.47)	0.74	NA
Phenanthrene	ND(0.37)	2.3	0.38 J	2.4	NA
Phenol	ND(0.37)	ND(0.39)	ND(0.47)	ND(0.40)	NA
Pyrene	ND(0.37)	3.0	0.38 J	1.9	NA
Organochlorine Pesticides					
Technical Chlordane	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 JUNE 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-I27 0-1 05/27/04	RAA10-E-I29 0-1 05/27/04	RAA10-E-J24 1-3 05/26/04	RAA10-E-J24 3-6 05/26/04	RAA10-E-J24 4-6 05/26/04
Furans						
2,3,7,8-TCDF		0.00000054 J	0.0000036 Y	0.00000073 J	0.0000018 JI	NA
TCDFs (total)		0.0000078	0.00011 QI	0.0000058	0.000018 QI	NA
1,2,3,7,8-PeCDF		ND(0.00000042)	0.0000027 JI	ND(0.00000049)	0.00000078 J	NA
2,3,4,7,8-PeCDF		0.0000014 J	0.000036	0.00000080 J	0.0000023 J	NA
PeCDFs (total)		0.000015	0.00020 QI	0.0000056	0.0000071 Q	NA
1,2,3,4,7,8-HxCDF		ND(0.00000042)	0.000010	ND(0.00000049)	0.0000012 J	NA
1,2,3,6,7,8-HxCDF		0.00000045 J	0.0000098	ND(0.00000049)	0.0000011 J	NA
1,2,3,7,8,9-HxCDF		ND(0.00000042)	0.0000034 JQ	ND(0.00000049)	ND(0.00000060)	NA
2,3,4,6,7,8-HxCDF		0.00000062 J	0.000028	ND(0.00000049)	0.0000018 J	NA
HxCDFs (total)		0.0000080	0.00039 Q	0.0000046 J	0.000025	NA
1,2,3,4,6,7,8-HpCDF		0.00000097 J	0.000032	0.0000031 J	0.000014	NA
1,2,3,4,7,8,9-HpCDF		ND(0.00000042)	0.0000035 J	ND(0.00000049)	0.00000065 J	NA
HpCDFs (total)		0.0000019 J	0.000085	0.0000052	0.000026	NA
OCDF		ND(0.00000085)	0.000036	0.0000018 J	0.0000069 J	NA
Dioxins						
2,3,7,8-TCDD		0.00000018 J	0.00000042 J	ND(0.00000026) X	ND(0.00000025)	NA
TCDDs (total)		ND(0.00000051)	0.0000015 J	ND(0.00000057)	ND(0.00000065) Q	NA
1,2,3,7,8-PeCDD		ND(0.00000042)	0.0000032 J	ND(0.00000049)	ND(0.00000060)	NA
PeCDDs (total)		0.0000012 J	0.000033 Q	0.00000080 J	ND(0.00000060) Q	NA
1,2,3,4,7,8-HxCDD		ND(0.00000042)	0.0000031 J	ND(0.00000049)	ND(0.00000060)	NA
1,2,3,6,7,8-HxCDD		0.00000061 J	0.0000093	ND(0.00000052) X	0.00000097 J	NA
1,2,3,7,8,9-HxCDD		ND(0.00000050) X	0.0000058	ND(0.00000049)	0.00000069 JQ	NA
HxCDDs (total)		0.0000046	0.000075	0.0000028 J	0.0000039 JQ	NA
1,2,3,4,6,7,8-HpCDD		0.0000018 J	0.000071	0.0000034 J	0.0000072	NA
HpCDDs (total)		0.0000040 J	0.00016	0.0000061	0.000014	NA
OCDD		0.0000073 J	0.00059	0.000021	0.000071	NA
Total TEQs (WHO TEFs)		0.0000014	0.000030	0.0000011	0.0000027	NA
Inorganics						
Antimony		ND(6.00)	1.20 B	ND(6.00)	ND(6.00)	NA
Arsenic		4.90	3.70	2.90	2.60	NA
Barium		51.0	23.0	18.0 B	40.0	NA
Beryllium		0.210 B	0.220 B	0.120 B	0.320 B	NA
Cadmium		0.380 B	0.630	0.210 B	0.320 B	NA
Chromium		6.00	12.0	4.00	8.90	NA
Cobalt		7.40	5.30	6.60	6.50	NA
Copper		12.0	25.0	10.0	13.0	NA
Cyanide		ND(0.110)	0.100 B	0.0210 B	0.0330 B	NA
Lead		8.40	160	7.30	10.0	NA
Mercury		ND(0.110)	0.0290 B	0.0130 B	0.0250 B	NA
Nickel		10.0	10.0	8.90	12.0	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		7.00	7.40	33.0	19.0	NA
Thallium		ND(1.10)	ND(1.20)	ND(1.10)	ND(1.20)	NA
Tin		3.40 B	4.60 B	3.60 B	3.80 B	NA
Vanadium		5.30	9.10	4.30 B	9.50	NA
Zinc		41.0	83.0	23.0	48.0	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA10-E-J24 6-15 05/26/04	RAA10-E-J24 10-12 05/26/04	RAA10-E-J28 1-3 05/27/04	RAA10-E-J28 3-6 05/27/04	RAA10-E-J28 4-6 05/27/04
Volatile Organics					
Acetone	NA	ND(0.025)	ND(0.023)	NA	ND(0.027)
Benzene	NA	ND(0.0062)	ND(0.0057)	NA	ND(0.0068)
Chlorobenzene	NA	ND(0.0062)	ND(0.0057)	NA	ND(0.0068)
Ethylbenzene	NA	ND(0.0062)	ND(0.0057)	NA	ND(0.0068)
Toluene	NA	ND(0.0062)	ND(0.0057)	NA	ND(0.0068)
Trichloroethene	NA	ND(0.0062)	ND(0.0057)	NA	ND(0.0068)
Trichlorofluoromethane	NA	ND(0.0062)	ND(0.0057)	NA	ND(0.0068)
Xylenes (total)	NA	ND(0.0062)	ND(0.0057)	NA	ND(0.0068)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
1,2,4-Trichlorobenzene	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
1,2-Dichlorobenzene	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
1,3-Dichlorobenzene	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
1,4-Dichlorobenzene	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
2,4-Dimethylphenol	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
2,4-Dinitrotoluene	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
2-Methylnaphthalene	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
2-Methylphenol	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
Acenaphthene	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
Acenaphthylene	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
Aniline	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
Anthracene	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
Benzidine	ND(1.2)	NA	ND(0.76)	ND(0.90)	NA
Benzo(a)anthracene	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
Benzo(a)pyrene	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
Benzo(b)fluoranthene	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
Benzo(g,h,i)perylene	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
Benzo(k)fluoranthene	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
bis(2-Ethylhexyl)phthalate	ND(0.45)	NA	ND(0.37)	ND(0.44)	NA
Butylbenzylphthalate	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
Chrysene	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
Dibenzo(a,h)anthracene	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
Dibenzofuran	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
Diethylphthalate	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
Fluoranthene	ND(0.59)	NA	0.13 J	ND(0.45)	NA
Fluorene	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
Indeno(1,2,3-cd)pyrene	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
Naphthalene	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
Phenanthrene	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
Phenol	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
Pyrene	ND(0.59)	NA	ND(0.38)	ND(0.45)	NA
Organochlorine Pesticides					
Technical Chlordane	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 JUNE 2004

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-J24 6-15 05/26/04	RAA10-E-J24 10-12 05/26/04	RAA10-E-J28 1-3 05/27/04	RAA10-E-J28 3-6 05/27/04	RAA10-E-J28 4-6 05/27/04
Furans					
2,3,7,8-TCDF	ND(0.00000023) X	NA	0.0000018 J	0.0000018 J	NA
TCDFs (total)	ND(0.00000022)	NA	0.000020	0.000012	NA
1,2,3,7,8-PeCDF	ND(0.00000056)	NA	0.0000016 J	ND(0.00000065)	NA
2,3,4,7,8-PeCDF	ND(0.00000056)	NA	0.0000050 J	0.0000012 J	NA
PeCDFs (total)	ND(0.00000056)	NA	0.000064	0.0000086	NA
1,2,3,4,7,8-HxCDF	ND(0.00000056)	NA	0.0000053 J	0.00000092 J	NA
1,2,3,6,7,8-HxCDF	ND(0.00000056)	NA	0.0000037 J	ND(0.00000065)	NA
1,2,3,7,8,9-HxCDF	ND(0.00000056)	NA	0.00000087 J	ND(0.00000065)	NA
2,3,4,6,7,8-HxCDF	ND(0.00000056)	NA	0.0000035 J	ND(0.00000068) X	NA
HxCDFs (total)	ND(0.00000056)	NA	0.000060	0.000019	NA
1,2,3,4,6,7,8-HpCDF	ND(0.00000056)	NA	0.000020	0.000030	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000056)	NA	0.0000016 J	ND(0.00000065)	NA
HpCDFs (total)	ND(0.00000056)	NA	0.000036	0.000053	NA
OCDF	ND(0.0000011)	NA	0.000014	0.000016	NA
Dioxins					
2,3,7,8-TCDD	ND(0.00000022)	NA	ND(0.00000029) X	ND(0.00000026)	NA
TCDDs (total)	ND(0.00000066)	NA	ND(0.00000055)	ND(0.00000062)	NA
1,2,3,7,8-PeCDD	ND(0.00000056)	NA	0.00000065 J	ND(0.00000065)	NA
PeCDDs (total)	ND(0.00000081)	NA	0.0000022 J	0.00000069 JQ	NA
1,2,3,4,7,8-HxCDD	ND(0.00000056)	NA	ND(0.00000072) X	ND(0.00000065)	NA
1,2,3,6,7,8-HxCDD	ND(0.00000056)	NA	0.0000020 J	0.00000080 J	NA
1,2,3,7,8,9-HxCDD	ND(0.00000056)	NA	0.0000012 J	ND(0.00000065)	NA
HxCDDs (total)	ND(0.00000056)	NA	0.000014	0.0000026 J	NA
1,2,3,4,6,7,8-HpCDD	ND(0.00000056)	NA	0.000029	0.0000094	NA
HpCDDs (total)	ND(0.00000056)	NA	0.000056	0.000016	NA
OCDD	0.0000014 J	NA	0.00025	0.000087	NA
Total TEQs (WHO TEFs)	0.00000076	NA	0.0000058	0.0000020	NA
Inorganics					
Antimony	ND(6.00)	NA	1.40 B	1.50 B	NA
Arsenic	1.40	NA	4.70	4.70	NA
Barium	40.0	NA	15.0 B	84.0	NA
Beryllium	0.370 B	NA	0.160 B	0.550	NA
Cadmium	0.320 B	NA	0.320 B	0.710	NA
Chromium	9.90	NA	5.60	15.0	NA
Cobalt	9.00	NA	5.10	11.0	NA
Copper	12.0	NA	9.80	17.0	NA
Cyanide	ND(0.140)	NA	0.0380 B	0.110 B	NA
Lead	5.20	NA	9.50	12.0	NA
Mercury	ND(0.140)	NA	ND(0.110)	0.0570 B	NA
Nickel	15.0	NA	8.80	19.0	NA
Selenium	0.980 B	NA	ND(1.00)	ND(1.00)	NA
Silver	ND(1.00)	NA	ND(1.00)	0.170 B	NA
Sulfide	11.0	NA	5.40 B	11.0	NA
Thallium	ND(1.40)	NA	ND(1.10)	ND(1.40)	NA
Tin	4.20 B	NA	3.80 B	5.10 B	NA
Vanadium	11.0	NA	4.40 B	16.0	NA
Zinc	49.0	NA	39.0	70.0	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA10-E-J28 6-8 05/27/04	RAA10-E-J28 6-15 05/27/04	RAA10-E-K16 0-1 05/19/04	RAA10-E-K22 0-1 06/09/04	RAA10-E-K24 0-1 06/01/04
Volatile Organics					
Acetone	ND(0.026)	NA	ND(0.022)	ND(0.021)	ND(0.021)
Benzene	ND(0.0066)	NA	ND(0.0055)	ND(0.0052)	ND(0.0052)
Chlorobenzene	ND(0.0066)	NA	ND(0.0055)	ND(0.0052)	ND(0.0052)
Ethylbenzene	ND(0.0066)	NA	ND(0.0055)	ND(0.0052)	ND(0.0052)
Toluene	ND(0.0066)	NA	ND(0.0055)	ND(0.0052)	ND(0.0052)
Trichloroethene	ND(0.0066)	NA	ND(0.0055)	ND(0.0052)	ND(0.0052)
Trichlorofluoromethane	ND(0.0066)	NA	ND(0.0055)	ND(0.0052)	0.015
Xylenes (total)	ND(0.0066)	NA	ND(0.0055)	ND(0.0052)	ND(0.0052)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	ND(0.50)	ND(0.37)	ND(0.34)	ND(0.35)
1,2,4-Trichlorobenzene	NA	ND(0.50)	ND(0.37)	ND(0.34)	ND(0.35)
1,2-Dichlorobenzene	NA	ND(0.50)	ND(0.37)	ND(0.34)	ND(0.35)
1,3-Dichlorobenzene	NA	ND(0.50)	ND(0.37)	ND(0.34)	ND(0.35)
1,4-Dichlorobenzene	NA	ND(0.50)	ND(0.37)	ND(0.34)	ND(0.35)
2,4-Dimethylphenol	NA	ND(0.50)	ND(0.37)	ND(0.34)	ND(0.35)
2,4-Dinitrotoluene	NA	ND(0.50)	ND(0.37)	ND(0.34)	ND(0.35)
2-Methylnaphthalene	NA	ND(0.50)	ND(0.37)	ND(0.34)	ND(0.35)
2-Methylphenol	NA	ND(0.50)	ND(0.37)	ND(0.34)	ND(0.35)
Acenaphthene	NA	ND(0.50)	ND(0.37)	ND(0.34)	ND(0.35)
Acenaphthylene	NA	ND(0.50)	ND(0.37)	ND(0.34)	ND(0.35)
Aniline	NA	ND(0.50)	ND(0.37)	ND(0.34)	ND(0.35)
Anthracene	NA	ND(0.50)	ND(0.37)	ND(0.34)	ND(0.35)
Benzidine	NA	ND(1.0)	ND(0.74)	ND(0.69)	ND(0.70)
Benzo(a)anthracene	NA	ND(0.50)	ND(0.37)	0.18 J	ND(0.35)
Benzo(a)pyrene	NA	ND(0.50)	ND(0.37)	0.11 J	ND(0.35)
Benzo(b)fluoranthene	NA	ND(0.50)	ND(0.37)	0.088 J	ND(0.35)
Benzo(g,h,i)perylene	NA	ND(0.50)	ND(0.37)	ND(0.34)	ND(0.35)
Benzo(k)fluoranthene	NA	ND(0.50)	ND(0.37)	0.13 J	ND(0.35)
bis(2-Ethylhexyl)phthalate	NA	ND(0.49)	ND(0.36)	ND(0.34)	ND(0.34)
Butylbenzylphthalate	NA	ND(0.50)	ND(0.37)	ND(0.34)	ND(0.35)
Chrysene	NA	ND(0.50)	ND(0.37)	0.21 J	ND(0.35)
Dibenzo(a,h)anthracene	NA	ND(0.50)	ND(0.37)	ND(0.34)	ND(0.35)
Dibenzofuran	NA	ND(0.50)	ND(0.37)	ND(0.34)	ND(0.35)
Diethylphthalate	NA	ND(0.50)	ND(0.37)	ND(0.34)	ND(0.35)
Fluoranthene	NA	ND(0.50)	ND(0.37)	0.44	ND(0.35)
Fluorene	NA	ND(0.50)	ND(0.37)	ND(0.34)	ND(0.35)
Indeno(1,2,3-cd)pyrene	NA	ND(0.50)	ND(0.37)	ND(0.34)	ND(0.35)
Naphthalene	NA	ND(0.50)	ND(0.37)	ND(0.34)	ND(0.35)
Phenanthrene	NA	ND(0.50)	ND(0.37)	0.47	ND(0.35)
Phenol	NA	ND(0.50)	ND(0.37)	ND(0.34)	ND(0.35)
Pyrene	NA	ND(0.50)	ND(0.37)	0.41	ND(0.35)
Organochlorine Pesticides					
Technical Chlordane	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 JUNE 2004

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

Parameter / Sample ID / Sample Depth(Feet) / Date Collected:	RAA10-E-J28 6-8 05/27/04	RAA10-E-J28 6-15 05/27/04	RAA10-E-K16 0-1 05/19/04	RAA10-E-K22 0-1 06/09/04	RAA10-E-K24 0-1 06/01/04
Furans					
2,3,7,8-TCDF	NA	0.00000032 J	0.00000056 J	0.00000035 J	0.00000060 J
TCDFs (total)	NA	ND(0.00000032)	0.0000060	0.0000016 J	0.000046
1,2,3,7,8-PeCDF	NA	ND(0.00000080)	0.00000038 J	ND(0.00000047)	ND(0.00000052)
2,3,4,7,8-PeCDF	NA	ND(0.00000080)	0.0000017 J	ND(0.00000047)	0.000017
PeCDFs (total)	NA	ND(0.00000080)	0.0000091	0.0000035 J	0.00016 I
1,2,3,4,7,8-HxCDF	NA	ND(0.00000080)	0.00000088 J	ND(0.00000047)	ND(0.0000016) X
1,2,3,6,7,8-HxCDF	NA	ND(0.00000080)	0.00000065 J	ND(0.00000047)	0.0000028 J
1,2,3,7,8,9-HxCDF	NA	ND(0.00000080)	ND(0.00000024) X	ND(0.00000047)	0.0000011 J
2,3,4,6,7,8-HxCDF	NA	ND(0.00000080)	0.00000092 J	ND(0.00000047)	0.0000082
HxCDFs (total)	NA	ND(0.00000080)	0.000012	0.0000011 J	0.00010
1,2,3,4,6,7,8-HpCDF	NA	ND(0.00000080)	0.0000018 J	0.00000073 J	0.0000033 J
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000080)	0.00000040 J	ND(0.00000047)	0.00000057 J
HpCDFs (total)	NA	ND(0.00000080)	0.0000039	0.00000073 J	0.0000093
OCDF	NA	ND(0.0000016)	0.0000023 J	0.0000017 J	0.0000024 J
Dioxins					
2,3,7,8-TCDD	NA	ND(0.00000032)	ND(0.000000083)	ND(0.00000019)	ND(0.00000021)
TCDDs (total)	NA	ND(0.00000092)	0.00000034 J	ND(0.00000062)	ND(0.00000055)
1,2,3,7,8-PeCDD	NA	ND(0.00000080)	ND(0.00000021)	ND(0.00000047)	0.0000019 J
PeCDDs (total)	NA	ND(0.0000011)	0.00000064 J	ND(0.00000072)	0.000013
1,2,3,4,7,8-HxCDD	NA	ND(0.00000080)	ND(0.00000021)	ND(0.00000047)	0.00000086 J
1,2,3,6,7,8-HxCDD	NA	ND(0.00000080)	0.00000033 J	ND(0.00000047)	0.0000038 J
1,2,3,7,8,9-HxCDD	NA	ND(0.00000080)	0.00000026 J	0.00000054 J	0.0000027 J
HxCDDs (total)	NA	ND(0.0000014)	0.0000027	0.0000011 J	0.000042
1,2,3,4,6,7,8-HpCDD	NA	ND(0.00000080)	0.0000025	0.0000023 J	0.0000077
HpCDDs (total)	NA	ND(0.00000080)	0.0000048	0.0000045 J	0.000021
OCDD	NA	0.0000049 J	0.000014	0.000014	0.000021
Total TEQs (WHO TEFs)	NA	0.0000011	0.0000014	0.00000072	0.000013
Inorganics					
Antimony	NA	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	NA	2.60	3.00	2.90	3.10
Barium	NA	70.0	22.0	15.0 B	10.0 B
Beryllium	NA	0.430 B	0.200 B	0.200 B	0.120 B
Cadmium	NA	0.580	0.430 B	0.270 B	0.370 B
Chromium	NA	14.0	4.40	3.30	2.90
Cobalt	NA	10.0	5.70	4.20 B	4.00 B
Copper	NA	15.0	8.10	8.20	8.30
Cyanide	NA	ND(0.300)	0.0380 B	ND(0.210)	ND(0.210)
Lead	NA	7.80	7.30	4.20	4.70
Mercury	NA	0.0220 B	0.00820 B	ND(0.100)	ND(0.100)
Nickel	NA	17.0	8.20	7.20	7.10
Selenium	NA	ND(1.10)	ND(1.00)	0.940 B	ND(1.00)
Silver	NA	ND(1.10)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	NA	22.0	7.10	6.60	ND(5.20)
Thallium	NA	ND(1.50)	ND(1.10)	ND(1.00)	ND(1.00)
Tin	NA	5.10 B	3.80 B	3.70 B	3.80 B
Vanadium	NA	14.0	4.50 B	3.70 B	4.20 B
Zinc	NA	66.0	27.0	24.0	21.0

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-K26 0-1 06/01/04	RAA10-E-L16 1-3 05/18/04	RAA10-E-L16 3-6 05/18/04	RAA10-E-L16 4-6 05/18/04
Volatile Organics					
Acetone		ND(0.021)	ND(0.022)	NA	ND(0.026)
Benzene		ND(0.0053)	ND(0.0056)	NA	ND(0.0065)
Chlorobenzene		ND(0.0053)	ND(0.0056)	NA	ND(0.0065)
Ethylbenzene		ND(0.0053)	ND(0.0056)	NA	ND(0.0065)
Toluene		ND(0.0053)	ND(0.0056)	NA	ND(0.0065)
Trichloroethene		ND(0.0053)	ND(0.0056)	NA	ND(0.0065)
Trichlorofluoromethane		ND(0.0053)	ND(0.0056)	NA	ND(0.0065)
Xylenes (total)		ND(0.0053)	ND(0.0056)	NA	ND(0.0065)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		ND(0.35)	ND(0.37)	ND(0.40)	NA
1,2,4-Trichlorobenzene		ND(0.35)	ND(0.37)	ND(0.40)	NA
1,2-Dichlorobenzene		ND(0.35)	ND(0.37)	ND(0.40)	NA
1,3-Dichlorobenzene		ND(0.35)	ND(0.37)	ND(0.40)	NA
1,4-Dichlorobenzene		ND(0.35)	ND(0.37)	ND(0.40)	NA
2,4-Dimethylphenol		ND(0.35)	ND(0.37)	ND(0.40)	NA
2,4-Dinitrotoluene		ND(0.35)	ND(0.37)	ND(0.40)	NA
2-Methylnaphthalene		ND(0.35)	ND(0.37)	ND(0.40)	NA
2-Methylphenol		ND(0.35)	ND(0.37)	ND(0.40)	NA
Acenaphthene		ND(0.35)	ND(0.37)	ND(0.40)	NA
Acenaphthylene		ND(0.35)	ND(0.37)	1.8	NA
Aniline		ND(0.35)	ND(0.37)	ND(0.40)	NA
Anthracene		ND(0.35)	ND(0.37)	4.5	NA
Benzidine		ND(0.71)	ND(0.75)	ND(0.80)	NA
Benzo(a)anthracene		ND(0.35)	ND(0.37)	4.4	NA
Benzo(a)pyrene		ND(0.35)	ND(0.37)	3.1	NA
Benzo(b)fluoranthene		ND(0.35)	ND(0.37)	2.8	NA
Benzo(g,h,i)perylene		ND(0.35)	ND(0.37)	1.8	NA
Benzo(k)fluoranthene		ND(0.35)	ND(0.37)	3.4	NA
bis(2-Ethylhexyl)phthalate		ND(0.35)	ND(0.37)	ND(0.39)	NA
Butylbenzylphthalate		ND(0.35)	ND(0.37)	ND(0.40)	NA
Chrysene		ND(0.35)	ND(0.37)	5.2	NA
Dibenzo(a,h)anthracene		ND(0.35)	ND(0.37)	0.65	NA
Dibenzofuran		ND(0.35)	ND(0.37)	ND(0.40)	NA
Diethylphthalate		ND(0.35)	ND(0.37)	ND(0.40)	NA
Fluoranthene		ND(0.35)	ND(0.37)	13	NA
Fluorene		ND(0.35)	ND(0.37)	ND(0.40)	NA
Indeno(1,2,3-cd)pyrene		ND(0.35)	ND(0.37)	1.6	NA
Naphthalene		ND(0.35)	ND(0.37)	0.11 J	NA
Phenanthrene		ND(0.35)	ND(0.37)	4.2	NA
Phenol		ND(0.35)	ND(0.37)	ND(0.40)	NA
Pyrene		ND(0.35)	ND(0.37)	11	NA
Organochlorine Pesticides					
Technical Chlordane		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 JUNE 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-K26 0-1 06/01/04	RAA10-E-L16 1-3 05/18/04	RAA10-E-L16 3-6 05/18/04	RAA10-E-L16 4-6 05/18/04
Furans					
2,3,7,8-TCDF		0.0000010 J	0.0000014 Y	0.0000088 Y	NA
TCDFs (total)		0.000048 I	0.000012	0.00011	NA
1,2,3,7,8-PeCDF		0.00000053 J	0.00000077 J	0.0000035 J	NA
2,3,4,7,8-PeCDF		0.000011	0.0000018 J	0.000013 J	NA
PeCDFs (total)		0.00012 I	0.000018	0.000066 Q	NA
1,2,3,4,7,8-HxCDF		0.00000092 J	ND(0.0000020) X	0.0000071 J	NA
1,2,3,6,7,8-HxCDF		0.0000022 J	0.00000080 J	0.0000054 J	NA
1,2,3,7,8,9-HxCDF		0.00000056 J	0.00000083 JQ	ND(0.0000023) Q	NA
2,3,4,6,7,8-HxCDF		0.0000052	0.0000015 J	0.0000097 J	NA
HxCDFs (total)		0.000068	0.000022 Q	0.00013 Q	NA
1,2,3,4,6,7,8-HpCDF		0.0000026 J	0.0000035	0.000018	NA
1,2,3,4,7,8,9-HpCDF		ND(0.00000049)	0.00000067 J	0.0000025 J	NA
HpCDFs (total)		0.0000057	0.0000078	0.000041	NA
OCDF		0.0000015 J	0.0000019 J	0.000012 J	NA
Dioxins					
2,3,7,8-TCDD		ND(0.00000020)	ND(0.00000010) X	ND(0.00000064)	NA
TCDDs (total)		ND(0.00000060)	0.00000040 J	ND(0.0000016)	NA
1,2,3,7,8-PeCDD		0.00000067 J	0.00000043 J	ND(0.0000016)	NA
PeCDDs (total)		0.0000037 J	0.0000045 Q	0.0000026 JQ	NA
1,2,3,4,7,8-HxCDD		ND(0.00000049)	0.00000026 J	ND(0.0000016)	NA
1,2,3,6,7,8-HxCDD		0.0000012 J	0.00000046 J	ND(0.0000016)	NA
1,2,3,7,8,9-HxCDD		0.00000083 J	0.00000039 J	ND(0.0000016)	NA
HxCDDs (total)		0.000012	0.0000045	0.0000045 J	NA
1,2,3,4,6,7,8-HpCDD		0.0000045 J	0.0000022	0.0000073 J	NA
HpCDDs (total)		0.000010	0.0000041	0.000014 J	NA
OCDD		0.000024	0.000011	0.000049	NA
Total TEQs (WHO TEFs)		0.0000076	0.0000021	0.000012	NA
Inorganics					
Antimony		ND(6.00)	ND(6.00)	0.930 B	NA
Arsenic		2.90	7.30	4.70	NA
Barium		13.0 B	28.0	38.0	NA
Beryllium		0.140 B	0.350 B	0.370 B	NA
Cadmium		0.360 B	0.960	0.940	NA
Chromium		3.90	8.60	9.80	NA
Cobalt		6.90	10.0	7.10	NA
Copper		9.30	11.0	29.0	NA
Cyanide		0.0420 B	0.0460 B	0.0500 B	NA
Lead		4.90	11.0	36.0	NA
Mercury		ND(0.110)	0.0260 B	0.0440 B	NA
Nickel		8.20	14.0	14.0	NA
Selenium		0.610 B	ND(1.00)	ND(1.00)	NA
Silver		ND(1.00)	ND(1.00)	ND(1.00)	NA
Sulfide		ND(5.30)	ND(5.60)	34.0	NA
Thallium		ND(1.10)	ND(1.10)	ND(1.20)	NA
Tin		3.80 B	4.60 B	8.20 B	NA
Vanadium		4.20 B	8.00	9.60	NA
Zinc		28.0	55.0	66.0	NA

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-L16 6-15 05/18/04	RAA10-E-L16 10-12 05/18/04	RAA10-E-L22 0-1 05/27/04	RAA10-E-L22 1-3 05/27/04
Volatile Organics					
Acetone		NA	0.020 J	ND(0.021)	ND(0.022)
Benzene		NA	0.056	ND(0.0053)	ND(0.0054)
Chlorobenzene		NA	ND(0.0079)	ND(0.0053)	ND(0.0054)
Ethylbenzene		NA	ND(0.0079)	ND(0.0053)	ND(0.0054)
Toluene		NA	ND(0.0079)	ND(0.0053)	ND(0.0054)
Trichloroethene		NA	ND(0.0079)	ND(0.0053)	ND(0.0054)
Trichlorofluoromethane		NA	ND(0.0079)	ND(0.0053)	ND(0.0054)
Xylenes (total)		NA	ND(0.0079)	ND(0.0053)	ND(0.0054)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		ND(0.46)	NA	ND(0.35)	ND(0.36)
1,2,4-Trichlorobenzene		ND(0.46)	NA	ND(0.35)	ND(0.36)
1,2-Dichlorobenzene		ND(0.46)	NA	ND(0.35)	ND(0.36)
1,3-Dichlorobenzene		ND(0.46)	NA	ND(0.35)	ND(0.36)
1,4-Dichlorobenzene		ND(0.46)	NA	ND(0.35)	ND(0.36)
2,4-Dimethylphenol		ND(0.46)	NA	ND(0.35)	ND(0.36)
2,4-Dinitrotoluene		ND(0.46)	NA	ND(0.35)	ND(0.36)
2-Methylnaphthalene		ND(0.46)	NA	ND(0.35)	ND(0.36)
2-Methylphenol		ND(0.46)	NA	ND(0.35)	ND(0.36)
Acenaphthene		ND(0.46)	NA	ND(0.35)	ND(0.36)
Acenaphthylene		0.20 J	NA	ND(0.35)	ND(0.36)
Aniline		ND(0.46)	NA	ND(0.35)	ND(0.36)
Anthracene		0.17 J	NA	0.15 J	ND(0.36)
Benzidine		ND(0.93)	NA	ND(0.71)	ND(0.72)
Benzo(a)anthracene		0.30 J	NA	0.31 J	ND(0.36)
Benzo(a)pyrene		0.19 J	NA	0.20 J	ND(0.36)
Benzo(b)fluoranthene		0.16 J	NA	0.16 J	ND(0.36)
Benzo(g,h,i)perylene		0.12 J	NA	0.13 J	ND(0.36)
Benzo(k)fluoranthene		0.24 J	NA	0.24 J	ND(0.36)
bis(2-Ethylhexyl)phthalate		ND(0.46)	NA	ND(0.35)	ND(0.36)
Butylbenzylphthalate		ND(0.46)	NA	ND(0.35)	ND(0.36)
Chrysene		0.35 J	NA	0.32 J	ND(0.36)
Dibenzo(a,h)anthracene		ND(0.46)	NA	ND(0.35)	ND(0.36)
Dibenzofuran		ND(0.46)	NA	ND(0.35)	ND(0.36)
Diethylphthalate		ND(0.46)	NA	ND(0.35)	ND(0.36)
Fluoranthene		0.80	NA	1.1	ND(0.36)
Fluorene		ND(0.46)	NA	ND(0.35)	ND(0.36)
Indeno(1,2,3-cd)pyrene		0.10 J	NA	0.11 J	ND(0.36)
Naphthalene		ND(0.46)	NA	ND(0.35)	ND(0.36)
Phenanthrene		0.46	NA	0.48	ND(0.36)
Phenol		ND(0.46)	NA	ND(0.35)	ND(0.36)
Pyrene		0.73	NA	0.54	ND(0.36)
Organochlorine Pesticides					
Technical Chlordane		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 JUNE 2004

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-L16 6-15 05/18/04	RAA10-E-L16 10-12 05/18/04	RAA10-E-L22 0-1 05/27/04	RAA10-E-L22 1-3 05/27/04
Furans				
2,3,7,8-TCDF	0.0000010 J	NA	0.00000060 J	ND(0.00000035) X
TCDFs (total)	0.0000078 I	NA	0.0000081	0.0000023
1,2,3,7,8-PeCDF	ND(0.00000032)	NA	ND(0.00000051)	ND(0.00000052)
2,3,4,7,8-PeCDF	ND(0.00000032)	NA	0.0000022 J	0.00000076 J
PeCDFs (total)	0.0000082	NA	0.000018	0.0000050 J
1,2,3,4,7,8-HxCDF	0.00000048 J	NA	0.0000012 J	ND(0.00000052)
1,2,3,6,7,8-HxCDF	0.00000035 J	NA	0.00000081 J	ND(0.00000052)
1,2,3,7,8,9-HxCDF	ND(0.00000032) Q	NA	ND(0.00000051) Q	ND(0.00000052)
2,3,4,6,7,8-HxCDF	0.00000068 J	NA	0.0000012 J	ND(0.00000052)
HxCDFs (total)	0.000010 Q	NA	0.000016	0.0000035 J
1,2,3,4,6,7,8-HpCDF	0.0000011 J	NA	0.0000041 J	0.0000010 J
1,2,3,4,7,8,9-HpCDF	ND(0.00000032)	NA	0.00000063 J	ND(0.00000052)
HpCDFs (total)	0.0000025 J	NA	0.000012	0.0000026 J
OCDF	0.0000011 J	NA	0.0000072 J	0.0000014 J
Dioxins				
2,3,7,8-TCDD	ND(0.00000013)	NA	ND(0.00000020)	ND(0.00000021)
TCDDs (total)	0.00000019 J	NA	ND(0.00000058)	ND(0.00000055)
1,2,3,7,8-PeCDD	ND(0.00000032)	NA	ND(0.00000051)	ND(0.00000052)
PeCDDs (total)	ND(0.00000059) Q	NA	0.00000087 JQ	ND(0.00000091)
1,2,3,4,7,8-HxCDD	ND(0.00000032)	NA	ND(0.00000051)	ND(0.00000052)
1,2,3,6,7,8-HxCDD	ND(0.00000032)	NA	0.00000094 J	ND(0.00000052)
1,2,3,7,8,9-HxCDD	ND(0.00000032)	NA	0.00000060 J	ND(0.00000052)
HxCDDs (total)	0.00000034 J	NA	0.0000073	ND(0.00000052)
1,2,3,4,6,7,8-HpCDD	0.00000075 J	NA	0.000011	0.0000018 J
HpCDDs (total)	0.0000015 J	NA	0.000023	0.0000032 J
OCDD	0.0000054 J	NA	0.00017	0.000018
Total TEQs (WHO TEFs)	0.00000065	NA	0.0000022	0.00000099
Inorganics				
Antimony	ND(6.00)	NA	1.00 B	0.810 B
Arsenic	2.30	NA	2.20	4.60
Barium	95.0	NA	9.30 B	18.0 B
Beryllium	0.640	NA	0.120 B	0.200 B
Cadmium	0.830	NA	0.230 B	0.440 B
Chromium	19.0	NA	2.90	5.60
Cobalt	9.60	NA	2.90 B	5.90
Copper	12.0	NA	6.20	10.0
Cyanide	0.0430 B	NA	0.0180 B	0.0250 B
Lead	10.0	NA	5.40	8.20
Mercury	0.0190 B	NA	ND(0.100)	0.00910 B
Nickel	20.0	NA	5.60	10.0
Selenium	ND(1.00)	NA	ND(1.00)	ND(1.00)
Silver	ND(1.00)	NA	ND(1.00)	ND(1.00)
Sulfide	24.0	NA	6.80	5.20 B
Thallium	ND(1.40)	NA	ND(1.00)	ND(1.10)
Tin	4.80 B	NA	3.30 B	3.80 B
Vanadium	17.0	NA	4.10 B	5.20
Zinc	78.0	NA	25.0	40.0

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-L22 3-6 05/27/04	RAA10-E-L22 4-6 05/27/04	RAA10-E-L22 6-15 05/27/04
Volatile Organics				
Acetone		NA	ND(0.021)	NA
Benzene		NA	ND(0.0054)	NA
Chlorobenzene		NA	ND(0.0054)	NA
Ethylbenzene		NA	ND(0.0054)	NA
Toluene		NA	ND(0.0054)	NA
Trichloroethene		NA	ND(0.0054)	NA
Trichlorofluoromethane		NA	ND(0.0054)	NA
Xylenes (total)		NA	ND(0.0054)	NA
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene		ND(0.36)	NA	ND(0.45) [ND(0.58)]
1,2,4-Trichlorobenzene		ND(0.36)	NA	ND(0.45) [ND(0.58)]
1,2-Dichlorobenzene		ND(0.36)	NA	ND(0.45) [ND(0.58)]
1,3-Dichlorobenzene		ND(0.36)	NA	ND(0.45) [ND(0.58)]
1,4-Dichlorobenzene		ND(0.36)	NA	ND(0.45) [ND(0.58)]
2,4-Dimethylphenol		ND(0.36)	NA	ND(0.45) [ND(0.58)]
2,4-Dinitrotoluene		ND(0.36)	NA	ND(0.45) [ND(0.58)]
2-Methylnaphthalene		ND(0.36)	NA	ND(0.45) [ND(0.58)]
2-Methylphenol		ND(0.36)	NA	ND(0.45) [ND(0.58)]
Acenaphthene		ND(0.36)	NA	ND(0.45) [ND(0.58)]
Acenaphthylene		ND(0.36)	NA	ND(0.45) [ND(0.58)]
Aniline		ND(0.36)	NA	ND(0.45) [ND(0.58)]
Anthracene		ND(0.36)	NA	ND(0.45) [ND(0.58)]
Benzidine		ND(0.72)	NA	ND(0.90) [ND(1.2)]
Benzo(a)anthracene		ND(0.36)	NA	ND(0.45) [ND(0.58)]
Benzo(a)pyrene		ND(0.36)	NA	ND(0.45) [ND(0.58)]
Benzo(b)fluoranthene		ND(0.36)	NA	ND(0.45) [ND(0.58)]
Benzo(g,h,i)perylene		ND(0.36)	NA	ND(0.45) [ND(0.58)]
Benzo(k)fluoranthene		ND(0.36)	NA	ND(0.45) [ND(0.58)]
bis(2-Ethylhexyl)phthalate		ND(0.35)	NA	ND(0.44) [ND(0.44)]
Butylbenzylphthalate		ND(0.36)	NA	ND(0.45) [ND(0.58)]
Chrysene		ND(0.36)	NA	ND(0.45) [ND(0.58)]
Dibenzo(a,h)anthracene		ND(0.36)	NA	ND(0.45) [ND(0.58)]
Dibenzofuran		ND(0.36)	NA	ND(0.45) [ND(0.58)]
Diethylphthalate		ND(0.36)	NA	ND(0.45) [ND(0.58)]
Fluoranthene		ND(0.36)	NA	ND(0.45) [ND(0.58)]
Fluorene		ND(0.36)	NA	ND(0.45) [ND(0.58)]
Indeno(1,2,3-cd)pyrene		ND(0.36)	NA	ND(0.45) [ND(0.58)]
Naphthalene		ND(0.36)	NA	ND(0.45) [ND(0.58)]
Phenanthrene		ND(0.36)	NA	ND(0.45) [ND(0.58)]
Phenol		ND(0.36)	NA	ND(0.45) [ND(0.58)]
Pyrene		ND(0.36)	NA	ND(0.45) [ND(0.58)]
Organochlorine Pesticides				
Technical Chlordane		NA	NA	NA
Organophosphate Pesticides				
None Detected		NA	NA	NA
Herbicides				
None Detected		NA	NA	NA

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-L22 3-6 05/27/04	RAA10-E-L22 4-6 05/27/04	RAA10-E-L22 6-15 05/27/04
Furans				
2,3,7,8-TCDF		0.00000048 J	NA	0.00000045 J [0.00000031 J]
TCDFs (total)		0.0000021	NA	0.00000045 J [0.00000031 J]
1,2,3,7,8-PeCDF		ND(0.00000048)	NA	ND(0.00000068) [ND(0.00000063)]
2,3,4,7,8-PeCDF		ND(0.00000048)	NA	ND(0.00000068) [ND(0.00000063)]
PeCDFs (total)		0.00000051 J	NA	ND(0.00000068) [ND(0.00000063)]
1,2,3,4,7,8-HxCDF		ND(0.00000048)	NA	ND(0.00000068) [ND(0.00000063)]
1,2,3,6,7,8-HxCDF		ND(0.00000048)	NA	ND(0.00000068) [ND(0.00000063)]
1,2,3,7,8,9-HxCDF		ND(0.00000048)	NA	ND(0.00000068) [ND(0.00000063)]
2,3,4,6,7,8-HxCDF		ND(0.00000048)	NA	ND(0.00000068) [ND(0.00000063)]
HxCDFs (total)		ND(0.00000048)	NA	ND(0.00000068) [ND(0.00000063)]
1,2,3,4,6,7,8-HpCDF		0.00000064 J	NA	0.00000094 J [0.0000012 J]
1,2,3,4,7,8,9-HpCDF		ND(0.00000048)	NA	ND(0.00000068) [ND(0.00000063)]
HpCDFs (total)		0.0000011 J	NA	0.0000017 J [0.0000020 J]
OCDF		ND(0.00000096)	NA	ND(0.0000014) [ND(0.0000013)]
Dioxins				
2,3,7,8-TCDD		ND(0.00000019)	NA	ND(0.00000027) [ND(0.00000025)]
TCDDs (total)		ND(0.00000059)	NA	ND(0.00000080) [ND(0.00000055)]
1,2,3,7,8-PeCDD		ND(0.00000048)	NA	ND(0.00000068) [ND(0.00000063)]
PeCDDs (total)		ND(0.00000078)	NA	ND(0.00000094) [ND(0.00000086)]
1,2,3,4,7,8-HxCDD		ND(0.00000048)	NA	ND(0.00000068) [ND(0.00000063)]
1,2,3,6,7,8-HxCDD		ND(0.00000048)	NA	ND(0.00000068) [ND(0.00000063)]
1,2,3,7,8,9-HxCDD		ND(0.00000048)	NA	ND(0.00000068) [ND(0.00000063)]
HxCDDs (total)		ND(0.00000096)	NA	ND(0.0000011) [ND(0.0000012)]
1,2,3,4,6,7,8-HpCDD		0.00000054 J	NA	0.00000081 J [0.00000065 J]
HpCDDs (total)		0.00000054 J	NA	0.00000081 J [0.00000065 J]
OCDD		0.0000044 J	NA	0.0000052 J [0.0000041 J]
Total TEQs (WHO TEFs)		0.00000070	NA	0.00000097 [0.00000089]
Inorganics				
Antimony		ND(6.00)	NA	ND(6.00) [ND(6.00)]
Arsenic		3.10	NA	2.60 [2.20]
Barium		18.0 B	NA	28.0 [25.0]
Beryllium		0.170 B	NA	0.290 B [0.270 B]
Cadmium		0.320 B	NA	0.350 B [0.250 B]
Chromium		6.20	NA	10.0 [8.80]
Cobalt		4.50 B	NA	9.50 [9.30]
Copper		7.80	NA	11.0 [8.40]
Cyanide		ND(0.110)	NA	ND(0.130) [0.0300 B]
Lead		6.80	NA	7.00 [4.40]
Mercury		ND(0.110)	NA	0.0130 B [ND(0.130)]
Nickel		7.80	NA	13.0 [13.0]
Selenium		ND(1.00)	NA	ND(1.00) [ND(1.00)]
Silver		ND(1.00)	NA	ND(1.00) [ND(1.00)]
Sulfide		8.60	NA	11.0 [13.0]
Thallium		ND(1.10)	NA	ND(1.30) [ND(1.30)]
Tin		4.00 B	NA	4.50 B [4.60 B]
Vanadium		4.00 B	NA	9.90 [9.40]
Zinc		31.0	NA	50.0 [46.0]

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA10-E-L22 8-10 05/27/04	RAA10-E-L24 3-6 05/10/04	RAA10-E-L24 4-6 05/10/04	RAA10-E-L25 0-1 06/01/04
Volatile Organics				
Acetone	ND(0.027) [ND(0.028)]	NA	ND(0.022)	ND(0.022)
Benzene	ND(0.0068) [ND(0.0069)]	NA	ND(0.0054)	ND(0.0054)
Chlorobenzene	ND(0.0068) [ND(0.0069)]	NA	ND(0.0054)	ND(0.0054)
Ethylbenzene	ND(0.0068) [ND(0.0069)]	NA	ND(0.0054)	ND(0.0054)
Toluene	ND(0.0068) [ND(0.0069)]	NA	ND(0.0054)	ND(0.0054)
Trichloroethene	ND(0.0068) [ND(0.0069)]	NA	ND(0.0054)	ND(0.0054)
Trichlorofluoromethane	ND(0.0068) [ND(0.0069)]	NA	ND(0.0054)	ND(0.0054)
Xylenes (total)	ND(0.0068) [ND(0.0069)]	NA	ND(0.0054)	ND(0.0054)
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	NA	ND(0.36)	NA	ND(0.36)
1,2,4-Trichlorobenzene	NA	ND(0.36)	NA	ND(0.36)
1,2-Dichlorobenzene	NA	ND(0.36)	NA	ND(0.36)
1,3-Dichlorobenzene	NA	ND(0.36)	NA	ND(0.36)
1,4-Dichlorobenzene	NA	ND(0.36)	NA	ND(0.36)
2,4-Dimethylphenol	NA	ND(0.36)	NA	ND(0.36)
2,4-Dinitrotoluene	NA	ND(0.36)	NA	ND(0.36)
2-Methylnaphthalene	NA	ND(0.36)	NA	ND(0.36)
2-Methylphenol	NA	ND(0.36)	NA	ND(0.36)
Acenaphthene	NA	ND(0.36)	NA	ND(0.36)
Acenaphthylene	NA	ND(0.36)	NA	ND(0.36)
Aniline	NA	ND(0.36)	NA	ND(0.36)
Anthracene	NA	ND(0.36)	NA	ND(0.36)
Benzidine	NA	ND(0.73)	NA	ND(0.72)
Benzo(a)anthracene	NA	ND(0.36)	NA	ND(0.36)
Benzo(a)pyrene	NA	0.10 J	NA	ND(0.36)
Benzo(b)fluoranthene	NA	ND(0.36)	NA	ND(0.36)
Benzo(g,h,i)perylene	NA	ND(0.36)	NA	ND(0.36)
Benzo(k)fluoranthene	NA	ND(0.36)	NA	ND(0.36)
bis(2-Ethylhexyl)phthalate	NA	ND(0.36)	NA	ND(0.36)
Butylbenzylphthalate	NA	ND(0.36)	NA	ND(0.36)
Chrysene	NA	ND(0.36)	NA	ND(0.36)
Dibenzo(a,h)anthracene	NA	ND(0.36)	NA	ND(0.36)
Dibenzofuran	NA	ND(0.36)	NA	ND(0.36)
Diethylphthalate	NA	ND(0.36)	NA	ND(0.36)
Fluoranthene	NA	ND(0.36)	NA	ND(0.36)
Fluorene	NA	ND(0.36)	NA	ND(0.36)
Indeno(1,2,3-cd)pyrene	NA	ND(0.36)	NA	ND(0.36)
Naphthalene	NA	ND(0.36)	NA	ND(0.36)
Phenanthrene	NA	ND(0.36)	NA	ND(0.36)
Phenol	NA	ND(0.36)	NA	ND(0.36)
Pyrene	NA	ND(0.36)	NA	ND(0.36)
Organochlorine Pesticides				
Technical Chlordane	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 JUNE 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-L22 8-10 05/27/04	RAA10-E-L24 3-6 05/10/04	RAA10-E-L24 4-6 05/10/04	RAA10-E-L25 0-1 06/01/04
Furans					
2,3,7,8-TCDF		NA	0.00000070 J	NA	0.00000068 J
TCDFs (total)		NA	0.0000046	NA	0.000014
1,2,3,7,8-PeCDF		NA	0.00000023 J	NA	ND(0.00000051)
2,3,4,7,8-PeCDF		NA	0.00000028 J	NA	0.0000041 J
PeCDFs (total)		NA	0.0000021 J	NA	0.000039
1,2,3,4,7,8-HxCDF		NA	ND(0.00000022)	NA	ND(0.00000067)
1,2,3,6,7,8-HxCDF		NA	ND(0.00000022)	NA	0.00000086 J
1,2,3,7,8,9-HxCDF		NA	ND(0.00000022)	NA	ND(0.00000079)
2,3,4,6,7,8-HxCDF		NA	ND(0.00000022)	NA	0.0000016 J
HxCDFs (total)		NA	0.0000014 J	NA	0.000022
1,2,3,4,6,7,8-HpCDF		NA	0.0000011 J	NA	0.0000011 J
1,2,3,4,7,8,9-HpCDF		NA	ND(0.00000022)	NA	ND(0.00000051)
HpCDFs (total)		NA	0.0000018 J	NA	0.0000024 J
OCDF		NA	0.00000063 J	NA	ND(0.0000010)
Dioxins					
2,3,7,8-TCDD		NA	0.00000016 J	NA	ND(0.00000030)
TCDDs (total)		NA	ND(0.00000027)	NA	ND(0.00000044)
1,2,3,7,8-PeCDD		NA	ND(0.00000022)	NA	ND(0.00000051)
PeCDDs (total)		NA	0.00000045 J	NA	0.00000080 J
1,2,3,4,7,8-HxCDD		NA	ND(0.00000024)	NA	ND(0.00000054)
1,2,3,6,7,8-HxCDD		NA	ND(0.00000022)	NA	ND(0.00000057) X
1,2,3,7,8,9-HxCDD		NA	ND(0.00000023)	NA	0.00000060 J
HxCDDs (total)		NA	0.0000013 J	NA	0.0000018 J
1,2,3,4,6,7,8-HpCDD		NA	0.00000086 J	NA	0.0000018 J
HpCDDs (total)		NA	0.0000018 J	NA	0.0000042 J
OCDD		NA	0.0000060	NA	0.0000075 J
Total TEQs (WHO TEFs)		NA	0.00000059	NA	0.0000030
Inorganics					
Antimony		NA	0.960 B	NA	ND(6.00)
Arsenic		NA	2.90	NA	2.70
Barium		NA	27.0	NA	16.0 B
Beryllium		NA	0.200 B	NA	0.120 B
Cadmium		NA	0.340 B	NA	0.350 B
Chromium		NA	3.10	NA	3.60
Cobalt		NA	5.30	NA	4.60 B
Copper		NA	11.0	NA	7.30
Cyanide		NA	0.0220 B	NA	ND(0.220)
Lead		NA	8.10	NA	4.90
Mercury		NA	0.0340 B	NA	ND(0.110)
Nickel		NA	7.30	NA	7.00
Selenium		NA	ND(1.00)	NA	0.520 B
Silver		NA	ND(1.00)	NA	ND(1.00)
Sulfide		NA	24.0	NA	6.90
Thallium		NA	ND(1.10)	NA	ND(1.10)
Tin		NA	1.90 B	NA	3.70 B
Vanadium		NA	3.90 B	NA	3.70 B
Zinc		NA	23.0	NA	21.0

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-L28 1-3 05/28/04	RAA10-E-M23 0-1 06/01/04	RAA10-E-M27 0-1 06/07/04	RAA10-E-N16 0-1 05/18/04	RAA10-E-N16 1-3 05/18/04
Volatile Organics						
Acetone		ND(0.024)	ND(0.022)	ND(0.028)	ND(0.023)	ND(0.022)
Benzene		ND(0.0061)	ND(0.0054)	ND(0.0071)	ND(0.0057)	ND(0.0055)
Chlorobenzene		ND(0.0061)	ND(0.0054)	ND(0.0071)	ND(0.0057)	ND(0.0055)
Ethylbenzene		ND(0.0061)	ND(0.0054)	ND(0.0071)	ND(0.0057)	0.0081
Toluene		ND(0.0061)	ND(0.0054)	ND(0.0071)	ND(0.0057)	0.0086
Trichloroethene		ND(0.0061)	ND(0.0054)	ND(0.0071)	ND(0.0057)	ND(0.0055)
Trichlorofluoromethane		ND(0.0061)	ND(0.0054)	ND(0.0071)	ND(0.0057)	ND(0.0055)
Xylenes (total)		ND(0.0061)	ND(0.0054)	ND(0.0071)	ND(0.0057)	0.068
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.41)	ND(0.36)	ND(0.80)	ND(0.38)	ND(0.37)
1,2,4-Trichlorobenzene		ND(0.41)	ND(0.36)	ND(0.80)	ND(0.38)	ND(0.37)
1,2-Dichlorobenzene		ND(0.41)	ND(0.36)	ND(0.80)	ND(0.38)	ND(0.37)
1,3-Dichlorobenzene		ND(0.41)	ND(0.36)	ND(0.80)	ND(0.38)	ND(0.37)
1,4-Dichlorobenzene		ND(0.41)	ND(0.36)	ND(0.80)	ND(0.38)	ND(0.37)
2,4-Dimethylphenol		ND(0.41)	ND(0.36)	ND(0.80)	ND(0.38)	ND(0.37)
2,4-Dinitrotoluene		ND(0.41)	ND(0.36)	ND(0.80)	ND(0.38)	ND(0.37)
2-Methylnaphthalene		ND(0.41)	ND(0.36)	ND(0.80)	ND(0.38)	51
2-Methylphenol		ND(0.41)	ND(0.36)	ND(0.80)	ND(0.38)	ND(0.37)
Acenaphthene		ND(0.41)	ND(0.36)	ND(0.80)	0.22 J	ND(0.37)
Acenaphthylene		2.1	ND(0.36)	ND(0.80)	ND(0.38)	ND(0.37)
Aniline		ND(0.41)	ND(0.36)	ND(0.80)	ND(0.38)	ND(0.37)
Anthracene		0.93	ND(0.36)	ND(0.80)	0.80	1.3
Benzidine		ND(0.82)	ND(0.73)	ND(1.6)	ND(0.76)	ND(0.74)
Benzo(a)anthracene		4.0	ND(0.36)	0.25 J	1.4	2.1
Benzo(a)pyrene		3.5	ND(0.36)	0.24 J	0.86	1.6
Benzo(b)fluoranthene		2.2	ND(0.36)	ND(0.80)	0.69	0.76
Benzo(g,h,i)perylene		2.0	ND(0.36)	ND(0.80)	0.57	1.2
Benzo(k)fluoranthene		2.9	ND(0.36)	ND(0.80)	0.77	0.70
bis(2-Ethylhexyl)phthalate		ND(0.40)	ND(0.36)	ND(0.47)	ND(0.38)	ND(0.36)
Butylbenzylphthalate		ND(0.41)	ND(0.36)	ND(0.80)	ND(0.38)	ND(0.37)
Chrysene		4.2	ND(0.36)	0.41 J	1.4	3.7
Dibenzo(a,h)anthracene		0.78	ND(0.36)	ND(0.80)	0.19 J	0.26 J
Dibenzofuran		ND(0.41)	ND(0.36)	ND(0.80)	ND(0.38)	ND(0.37)
Diethylphthalate		ND(0.41)	ND(0.36)	ND(0.80)	ND(0.38)	ND(0.37)
Fluoranthene		5.5	ND(0.36)	0.52 J	3.8	3.7
Fluorene		ND(0.41)	ND(0.36)	ND(0.80)	0.19 J	1.6
Indeno(1,2,3-cd)pyrene		1.6	ND(0.36)	ND(0.80)	0.47	0.42
Naphthalene		ND(0.41)	ND(0.36)	ND(0.80)	ND(0.38)	5.8
Phenanthrene		0.94	ND(0.36)	ND(0.80)	2.4	6.5
Phenol		ND(0.41)	ND(0.36)	ND(0.80)	ND(0.38)	ND(0.37)
Pyrene		7.5	ND(0.36)	0.61 J	3.1	5.5
Organochlorine Pesticides						
Technical Chlordane		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 JUNE 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-L28 1-3 05/28/04	RAA10-E-M23 0-1 06/01/04	RAA10-E-M27 0-1 06/07/04	RAA10-E-N16 0-1 05/18/04	RAA10-E-N16 1-3 05/18/04
Furans						
2,3,7,8-TCDF		0.0000060 Y	ND(0.00000052)	0.0000054 Y	0.000097 Y	ND(0.000050)
TCDFs (total)		0.000060 Q	0.0000023	0.000085 Q	0.0028 QI	ND(0.000050)
1,2,3,7,8-PeCDF		0.0000027 J	ND(0.00000050)	0.0000040 JQ	0.000075 Q	ND(0.00013)
2,3,4,7,8-PeCDF		0.000013	0.0000011 J	0.000019 Q	0.000064 Q	ND(0.00013)
PeCDFs (total)		0.00011 Q	0.0000097	0.00022 Q	0.0025 QI	ND(0.00013)
1,2,3,4,7,8-HxCDF		0.0000062 J	ND(0.00000071)	0.000013	0.00028	ND(0.00013)
1,2,3,6,7,8-HxCDF		0.0000038 J	ND(0.00000067)	0.0000072	0.00018	ND(0.00013)
1,2,3,7,8,9-HxCDF		0.0000026 JQ	ND(0.00000084)	0.0000035 JQ	0.000037 Q	ND(0.00013)
2,3,4,6,7,8-HxCDF		0.0000081	ND(0.00000070)	0.000016	0.00017	ND(0.00013)
HxCDFs (total)		0.00019 Q	0.0000042 J	0.00029 Q	0.0026 QI	ND(0.00013)
1,2,3,4,6,7,8-HpCDF		0.00021	ND(0.00000050)	0.00013	0.00029	ND(0.00013)
1,2,3,4,7,8,9-HpCDF		0.0000025 J	ND(0.00000050)	0.0000045 J	0.000079	ND(0.00013)
HpCDFs (total)		0.00036	ND(0.00000050)	0.00028	0.00055	ND(0.00013)
OCDF		0.000082	ND(0.0000011)	0.00011	0.00023	ND(0.00025)
Dioxins						
2,3,7,8-TCDD		0.00000059 J	ND(0.00000046)	0.00000080 JQ	0.0000013	ND(0.000050)
TCDDs (total)		ND(0.00000075)	ND(0.00000046)	0.0000048 Q	0.000031 Q	ND(0.00014)
1,2,3,7,8-PeCDD		0.0000027 J	ND(0.00000050)	0.0000034 JQ	0.0000088 Q	ND(0.00013)
PeCDDs (total)		0.000020 Q	ND(0.00000076)	0.000028 Q	0.000092 Q	ND(0.00017)
1,2,3,4,7,8-HxCDD		0.0000060 J	ND(0.00000091)	0.0000069	0.0000083	ND(0.00013)
1,2,3,6,7,8-HxCDD		0.000016	ND(0.00000086)	0.000028	0.000028	ND(0.00013)
1,2,3,7,8,9-HxCDD		0.0000045 J	ND(0.00000088)	0.000010	0.000015	ND(0.00013)
HxCDDs (total)		0.00011	ND(0.00000090)	0.00016	0.00028	ND(0.00022)
1,2,3,4,6,7,8-HpCDD		0.00026	0.00000071 J	0.00052	0.000080	ND(0.00013)
HpCDDs (total)		0.00051	0.0000014 J	0.00089	0.00017	ND(0.00013)
OCDD		0.0020	ND(0.0000034)	0.0046	0.00030	ND(0.00025)
Total TEQs (WHO TEFs)		0.000020	0.0000014	0.000030	0.00013	0.00018
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	0.800 B
Arsenic		4.50	3.90	4.20	4.90	5.40
Barium		42.0	16.0 B	56.0	25.0	25.0
Beryllium		0.240 B	0.190 B	0.560	0.340 B	0.250 B
Cadmium		0.380 B	0.480 B	0.530	0.810	0.940
Chromium		15.0	4.80	24.0	8.10	7.50
Cobalt		6.50	5.40	9.00	9.10	6.60
Copper		16.0	9.60	18.0	28.0	24.0
Cyanide		0.100 B	ND(0.110)	0.160	0.0670 B	ND(0.110)
Lead		19.0	5.80	23.0	30.0	18.0
Mercury		0.0410 B	ND(0.110)	0.0980 B	0.0280 B	0.100 B
Nickel		12.0	10.0	16.0	13.0	12.0
Selenium		ND(1.00)	0.890 B	ND(1.10)	ND(1.00)	ND(1.00)
Silver		ND(1.00)	0.110 B	ND(1.10)	ND(1.00)	ND(1.00)
Sulfide		12.0	ND(5.40)	ND(7.10)	9.10	23.0
Thallium		ND(1.20)	ND(1.10)	ND(1.40)	ND(1.10)	ND(1.10)
Tin		4.90 B	3.30 B	5.40 B	4.10 B	4.80 B
Vanadium		9.80	5.30	17.0	5.70	7.70
Zinc		54.0	30.0	130	92.0	61.0

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA10-E-N18 1-3 05/18/04	RAA10-E-N18 3-6 05/18/04	RAA10-E-N18 4-6 05/18/04	RAA10-E-N18 6-15 05/18/04	RAA10-E-N18 10-12 05/18/04
Volatile Organics					
Acetone	ND(0.022)	NA	0.0066 J	NA	0.011 J
Benzene	ND(0.0055)	NA	ND(0.0056)	NA	ND(0.0070)
Chlorobenzene	ND(0.0055)	NA	ND(0.0056)	NA	ND(0.0070)
Ethylbenzene	ND(0.0055)	NA	ND(0.0056)	NA	ND(0.0070)
Toluene	ND(0.0055)	NA	ND(0.0056)	NA	ND(0.0070)
Trichloroethene	ND(0.0055)	NA	ND(0.0056)	NA	ND(0.0070)
Trichlorofluoromethane	ND(0.0055)	NA	ND(0.0056)	NA	ND(0.0070)
Xylenes (total)	ND(0.0055)	NA	ND(0.0056)	NA	ND(0.0070)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.37)	ND(0.37)	NA	ND(0.47)	NA
1,2,4-Trichlorobenzene	ND(0.37)	ND(0.37)	NA	ND(0.47)	NA
1,2-Dichlorobenzene	ND(0.37)	ND(0.37)	NA	ND(0.47)	NA
1,3-Dichlorobenzene	ND(0.37)	ND(0.37)	NA	ND(0.47)	NA
1,4-Dichlorobenzene	ND(0.37)	ND(0.37)	NA	ND(0.47)	NA
2,4-Dimethylphenol	ND(0.37)	ND(0.37)	NA	ND(0.47)	NA
2,4-Dinitrotoluene	ND(0.37)	ND(0.37)	NA	ND(0.47)	NA
2-Methylnaphthalene	ND(0.37)	ND(0.37)	NA	ND(0.47)	NA
2-Methylphenol	ND(0.37)	ND(0.37)	NA	ND(0.47)	NA
Acenaphthene	ND(0.37)	ND(0.37)	NA	ND(0.47)	NA
Acenaphthylene	ND(0.37)	ND(0.37)	NA	ND(0.47)	NA
Aniline	ND(0.37)	ND(0.37)	NA	ND(0.47)	NA
Anthracene	ND(0.37)	ND(0.37)	NA	ND(0.47)	NA
Benzidine	ND(0.74)	ND(0.75)	NA	ND(0.94)	NA
Benzo(a)anthracene	ND(0.37)	0.11 J	NA	ND(0.47)	NA
Benzo(a)pyrene	ND(0.37)	0.081 J	NA	ND(0.47)	NA
Benzo(b)fluoranthene	ND(0.37)	0.088 J	NA	ND(0.47)	NA
Benzo(g,h,i)perylene	ND(0.37)	0.078 J	NA	ND(0.47)	NA
Benzo(k)fluoranthene	ND(0.37)	0.082 J	NA	ND(0.47)	NA
bis(2-Ethylhexyl)phthalate	ND(0.36)	ND(0.37)	NA	ND(0.46)	NA
Butylbenzylphthalate	ND(0.37)	ND(0.37)	NA	ND(0.47)	NA
Chrysene	ND(0.37)	0.15 J	NA	ND(0.47)	NA
Dibenzo(a,h)anthracene	ND(0.37)	ND(0.37)	NA	ND(0.47)	NA
Dibenzofuran	ND(0.37)	ND(0.37)	NA	ND(0.47)	NA
Diethylphthalate	ND(0.37)	ND(0.37)	NA	ND(0.47)	NA
Fluoranthene	0.10 J	0.24 J	NA	ND(0.47)	NA
Fluorene	ND(0.37)	ND(0.37)	NA	ND(0.47)	NA
Indeno(1,2,3-cd)pyrene	ND(0.37)	ND(0.37)	NA	ND(0.47)	NA
Naphthalene	ND(0.37)	ND(0.37)	NA	ND(0.47)	NA
Phenanthrene	ND(0.37)	0.083 J	NA	ND(0.47)	NA
Phenol	ND(0.37)	ND(0.37)	NA	ND(0.47)	NA
Pyrene	0.099 J	0.20 J	NA	ND(0.47)	NA
Organochlorine Pesticides					
Technical Chlordane	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 JUNE 2004

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

Parameter / Sample ID / Sample Depth(Feet) / Date Collected:	RAA10-E-N18 1-3 05/18/04	RAA10-E-N18 3-6 05/18/04	RAA10-E-N18 4-6 05/18/04	RAA10-E-N18 6-15 05/18/04	RAA10-E-N18 10-12 05/18/04
Furans					
2,3,7,8-TCDF	0.00000094 J	0.0000033 Y	NA	0.00000022 J	NA
TCDFs (total)	0.0000081	0.000037 I	NA	0.00000061 J	NA
1,2,3,7,8-PeCDF	0.00000041 J	0.0000014 J	NA	ND(0.00000026)	NA
2,3,4,7,8-PeCDF	0.00000098 J	0.0000027	NA	ND(0.00000026)	NA
PeCDFs (total)	0.000010	0.000030 Q	NA	ND(0.00000026)	NA
1,2,3,4,7,8-HxCDF	0.00000089 J	0.0000024	NA	ND(0.00000026)	NA
1,2,3,6,7,8-HxCDF	0.00000060 J	0.0000016 J	NA	ND(0.00000026)	NA
1,2,3,7,8,9-HxCDF	ND(0.00000024)	0.00000044 JQ	NA	ND(0.00000026)	NA
2,3,4,6,7,8-HxCDF	0.00000098 J	0.0000027	NA	ND(0.00000026)	NA
HxCDFs (total)	0.000013	0.000038 Q	NA	0.00000063 J	NA
1,2,3,4,6,7,8-HpCDF	0.0000017 J	0.0000081	NA	0.0000012 J	NA
1,2,3,4,7,8,9-HpCDF	0.00000027 J	0.00000076 J	NA	ND(0.00000026)	NA
HpCDFs (total)	0.0000036	0.000017	NA	0.0000021 J	NA
OCDF	0.0000011 J	0.0000042 J	NA	0.00000088 J	NA
Dioxins					
2,3,7,8-TCDD	ND(0.000000095)	0.00000012 J	NA	ND(0.00000010)	NA
TCDDs (total)	ND(0.00000026)	0.00000038 J	NA	ND(0.00000029)	NA
1,2,3,7,8-PeCDD	ND(0.00000024)	ND(0.00000023)	NA	ND(0.00000026)	NA
PeCDDs (total)	0.00000036 J	0.0000010 JQ	NA	ND(0.00000042)	NA
1,2,3,4,7,8-HxCDD	ND(0.00000024)	ND(0.00000023) X	NA	ND(0.00000026)	NA
1,2,3,6,7,8-HxCDD	0.00000032 J	0.00000049 J	NA	ND(0.00000026)	NA
1,2,3,7,8,9-HxCDD	ND(0.00000025) X	0.00000036 J	NA	ND(0.00000026)	NA
HxCDDs (total)	0.0000017 J	0.0000043	NA	ND(0.00000047)	NA
1,2,3,4,6,7,8-HpCDD	0.00000099 J	0.0000028	NA	0.00000060 J	NA
HpCDDs (total)	0.0000020 J	0.0000057	NA	0.0000010 J	NA
OCDD	0.000011	0.000043	NA	0.0000057	NA
Total TEQs (WHO TEFs)	0.0000011	0.0000029	NA	0.00000038	NA
Inorganics					
Antimony	ND(6.00)	ND(6.00)	NA	NA	NA
Arsenic	3.40	4.70	NA	NA	NA
Barium	15.0 B	22.0	NA	NA	NA
Beryllium	0.200 B	0.220 B	NA	NA	NA
Cadmium	0.560	0.740	NA	NA	NA
Chromium	4.50	5.20	NA	NA	NA
Cobalt	5.40	5.70	NA	NA	NA
Copper	13.0	18.0	NA	NA	NA
Cyanide	ND(0.110)	0.0340 B	NA	NA	NA
Lead	6.70	11.0	NA	NA	NA
Mercury	ND(0.110)	0.0240 B	NA	NA	NA
Nickel	9.40	9.70	NA	NA	NA
Selenium	ND(1.00)	ND(1.00)	NA	NA	NA
Silver	ND(1.00)	ND(1.00)	NA	NA	NA
Sulfide	7.10	30.0	NA	NA	NA
Thallium	ND(1.10)	ND(1.10)	NA	NA	NA
Tin	3.20 B	4.20 B	NA	NA	NA
Vanadium	3.90 B	4.80 B	NA	NA	NA
Zinc	36.0	39.0	NA	NA	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA10-E-N22 0-1 05/10/04	RAA10-E-N24 1-3 05/10/04	RAA10-E-N24 6-15 05/10/04	RAA10-E-N24 8-10 05/10/04
Volatile Organics				
Acetone	ND(0.022)	ND(0.022)	NA	ND(0.027)
Benzene	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)
Chlorobenzene	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)
Ethylbenzene	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)
Toluene	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)
Trichloroethene	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)
Trichlorofluoromethane	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)
Xylenes (total)	ND(0.0054)	ND(0.0054)	NA	ND(0.0067)
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.36)	ND(0.36)	ND(0.43)	NA
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.36)	ND(0.43)	NA
1,2-Dichlorobenzene	ND(0.36)	ND(0.36)	ND(0.43)	NA
1,3-Dichlorobenzene	ND(0.36)	ND(0.36)	ND(0.43)	NA
1,4-Dichlorobenzene	ND(0.36)	ND(0.36)	ND(0.43)	NA
2,4-Dimethylphenol	ND(0.36)	ND(0.36)	ND(0.43)	NA
2,4-Dinitrotoluene	ND(0.36)	ND(0.36)	ND(0.43)	NA
2-Methylnaphthalene	ND(0.36)	ND(0.36)	ND(0.43)	NA
2-Methylphenol	ND(0.36)	ND(0.36)	ND(0.43)	NA
Acenaphthene	ND(0.36)	ND(0.36)	ND(0.43)	NA
Acenaphthylene	ND(0.36)	ND(0.36)	ND(0.43)	NA
Aniline	ND(0.36)	ND(0.36)	ND(0.43)	NA
Anthracene	ND(0.36)	ND(0.36)	ND(0.43)	NA
Benzidine	ND(0.73)	ND(0.72)	ND(0.86)	NA
Benzo(a)anthracene	ND(0.36)	ND(0.36)	ND(0.43)	NA
Benzo(a)pyrene	ND(0.36)	ND(0.36)	ND(0.43)	NA
Benzo(b)fluoranthene	ND(0.36)	ND(0.36)	ND(0.43)	NA
Benzo(g,h,i)perylene	ND(0.36)	ND(0.36)	ND(0.43)	NA
Benzo(k)fluoranthene	ND(0.36)	ND(0.36)	ND(0.43)	NA
bis(2-Ethylhexyl)phthalate	ND(0.36)	ND(0.36)	ND(0.42)	NA
Butylbenzylphthalate	ND(0.36)	ND(0.36)	ND(0.43)	NA
Chrysene	ND(0.36)	ND(0.36)	ND(0.43)	NA
Dibenzo(a,h)anthracene	ND(0.36)	ND(0.36)	ND(0.43)	NA
Dibenzofuran	ND(0.36)	ND(0.36)	ND(0.43)	NA
Diethylphthalate	ND(0.36)	ND(0.36)	ND(0.43)	NA
Fluoranthene	ND(0.36)	ND(0.36)	ND(0.43)	NA
Fluorene	ND(0.36)	ND(0.36)	ND(0.43)	NA
Indeno(1,2,3-cd)pyrene	ND(0.36)	ND(0.36)	ND(0.43)	NA
Naphthalene	ND(0.36)	ND(0.36)	ND(0.43)	NA
Phenanthrene	ND(0.36)	ND(0.36)	ND(0.43)	NA
Phenol	ND(0.36)	ND(0.36)	ND(0.43)	NA
Pyrene	ND(0.36)	ND(0.36)	ND(0.43)	NA
Organochlorine Pesticides				
Technical Chlordane	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 JUNE 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-N22 0-1 05/10/04	RAA10-E-N24 1-3 05/10/04	RAA10-E-N24 6-15 05/10/04	RAA10-E-N24 8-10 05/10/04
Furans					
2,3,7,8-TCDF		0.00000016 J	0.00000027 J	0.00000014 J	NA
TCDFs (total)		0.00000029 J	0.00000085	0.00000014 J	NA
1,2,3,7,8-PeCDF		ND(0.00000022)	ND(0.00000021)	ND(0.00000025)	NA
2,3,4,7,8-PeCDF		ND(0.00000022)	ND(0.00000021)	ND(0.00000025)	NA
PeCDFs (total)		0.00000073 J	0.00000069 J	ND(0.00000025)	NA
1,2,3,4,7,8-HxCDF		ND(0.00000022)	ND(0.00000021)	ND(0.00000025)	NA
1,2,3,6,7,8-HxCDF		ND(0.00000022)	ND(0.00000021)	ND(0.00000025)	NA
1,2,3,7,8,9-HxCDF		ND(0.00000022)	ND(0.00000021)	ND(0.00000025)	NA
2,3,4,6,7,8-HxCDF		ND(0.00000022)	ND(0.00000021)	ND(0.00000025)	NA
HxCDFs (total)		0.00000061 J	0.00000030 J	ND(0.00000025)	NA
1,2,3,4,6,7,8-HpCDF		0.00000023 J	0.00000021 J	ND(0.00000025)	NA
1,2,3,4,7,8,9-HpCDF		ND(0.00000022)	ND(0.00000021)	ND(0.00000025)	NA
HpCDFs (total)		0.00000023 J	ND(0.00000021)	ND(0.00000025)	NA
OCDF		ND(0.00000045)	ND(0.00000042)	ND(0.00000049)	NA
Dioxins					
2,3,7,8-TCDD		ND(0.000000090)	ND(0.000000084)	ND(0.000000098)	NA
TCDDs (total)		ND(0.00000024)	ND(0.00000026)	ND(0.00000030)	NA
1,2,3,7,8-PeCDD		ND(0.00000022)	ND(0.00000021)	ND(0.00000025)	NA
PeCDDs (total)		ND(0.00000022)	ND(0.00000021)	ND(0.00000045)	NA
1,2,3,4,7,8-HxCDD		ND(0.00000022)	ND(0.00000021)	ND(0.00000025)	NA
1,2,3,6,7,8-HxCDD		ND(0.00000022)	ND(0.00000021)	ND(0.00000025)	NA
1,2,3,7,8,9-HxCDD		ND(0.00000022)	ND(0.00000021)	ND(0.00000025)	NA
HxCDDs (total)		ND(0.00000044)	ND(0.00000021)	ND(0.00000043)	NA
1,2,3,4,6,7,8-HpCDD		0.00000038 J	0.00000037 J	ND(0.00000026) X	NA
HpCDDs (total)		0.00000077 J	0.00000068 J	ND(0.00000025)	NA
OCDD		0.0000023 J	0.0000018 J	0.0000014 J	NA
Total TEQs (WHO TEFs)		0.00000032	0.00000031	0.00000035	NA
Inorganics					
Antimony		0.940 B	ND(6.00)	ND(6.00)	NA
Arsenic		3.10	2.50	1.40	NA
Barium		13.0 B	17.0 B	22.0	NA
Beryllium		0.140 B	0.150 B	0.300 B	NA
Cadmium		0.350 B	0.280 B	0.290 B	NA
Chromium		3.50	6.80	7.00	NA
Cobalt		4.50 B	4.30 B	6.10	NA
Copper		9.30	10.0	10.0	NA
Cyanide		0.0200 B	0.0170 B	ND(0.130)	NA
Lead		5.30	6.20	4.20	NA
Mercury		0.0110 B	0.0260 B	0.0270 B	NA
Nickel		7.70	6.60	8.60	NA
Selenium		ND(1.00)	ND(1.00)	ND(1.00)	NA
Silver		ND(1.00)	ND(1.00)	ND(1.00)	NA
Sulfide		ND(5.40)	17.0	8.20	NA
Thallium		ND(1.10)	ND(1.10)	ND(1.30)	NA
Tin		2.10 B	1.30 B	2.20 B	NA
Vanadium		3.10 B	2.60 B	8.40	NA
Zinc		25.0	18.0	36.0	NA

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

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

Parameter / Sample ID:	RAA10-E-N25	RAA10-E-N26	RAA10-E-N26	RAA10-E-N26	RAA10-E-N26
Sample Depth(Feet):	0-1	0-1	1-3	3-6	4-6
Date Collected:	06/01/04	05/28/04	05/28/04	05/28/04	05/28/04
Volatile Organics					
Acetone	ND(0.021)	ND(0.024)	ND(0.027)	NA	ND(0.026)
Benzene	ND(0.0052)	ND(0.0059)	ND(0.0067)	NA	ND(0.0065)
Chlorobenzene	ND(0.0052)	ND(0.0059)	ND(0.0067)	NA	ND(0.0065)
Ethylbenzene	ND(0.0052)	ND(0.0059)	ND(0.0067)	NA	ND(0.0065)
Toluene	ND(0.0052)	ND(0.0059)	ND(0.0067)	NA	ND(0.0065)
Trichloroethene	ND(0.0052)	ND(0.0059)	ND(0.0067)	NA	ND(0.0065)
Trichlorofluoromethane	ND(0.0052)	ND(0.0059)	ND(0.0067)	NA	ND(0.0065)
Xylenes (total)	ND(0.0052)	ND(0.0059)	ND(0.0067)	NA	ND(0.0065)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.35)	ND(0.39)	ND(0.44)	ND(0.44)	NA
1,2,4-Trichlorobenzene	ND(0.35)	ND(0.39)	ND(0.44)	ND(0.44)	NA
1,2-Dichlorobenzene	ND(0.35)	ND(0.39)	ND(0.44)	ND(0.44)	NA
1,3-Dichlorobenzene	ND(0.35)	ND(0.39)	ND(0.44)	ND(0.44)	NA
1,4-Dichlorobenzene	ND(0.35)	ND(0.39)	ND(0.44)	ND(0.44)	NA
2,4-Dimethylphenol	ND(0.35)	ND(0.39)	ND(0.44)	ND(0.44)	NA
2,4-Dinitrotoluene	ND(0.35)	ND(0.39)	ND(0.44)	ND(0.44)	NA
2-Methylnaphthalene	ND(0.35)	ND(0.39)	ND(0.44)	ND(0.44)	NA
2-Methylphenol	ND(0.35)	ND(0.39)	ND(0.44)	ND(0.44)	NA
Acenaphthene	ND(0.35)	ND(0.39)	ND(0.44)	ND(0.44)	NA
Acenaphthylene	ND(0.35)	ND(0.39)	ND(0.44)	ND(0.44)	NA
Aniline	ND(0.35)	ND(0.39)	ND(0.44)	ND(0.44)	NA
Anthracene	ND(0.35)	ND(0.39)	ND(0.44)	ND(0.44)	NA
Benzidine	ND(0.70)	ND(0.79)	ND(0.89)	ND(0.89)	NA
Benzo(a)anthracene	ND(0.35)	0.14 J	ND(0.44)	ND(0.44)	NA
Benzo(a)pyrene	ND(0.35)	0.11 J	ND(0.44)	ND(0.44)	NA
Benzo(b)fluoranthene	ND(0.35)	0.10 J	ND(0.44)	ND(0.44)	NA
Benzo(g,h,i)perylene	ND(0.35)	ND(0.39)	ND(0.44)	ND(0.44)	NA
Benzo(k)fluoranthene	ND(0.35)	0.12 J	ND(0.44)	ND(0.44)	NA
bis(2-Ethylhexyl)phthalate	ND(0.35)	ND(0.39)	ND(0.44)	ND(0.44)	NA
Butylbenzylphthalate	ND(0.35)	ND(0.39)	ND(0.44)	ND(0.44)	NA
Chrysene	ND(0.35)	0.16 J	ND(0.44)	ND(0.44)	NA
Dibenzo(a,h)anthracene	ND(0.35)	ND(0.39)	ND(0.44)	ND(0.44)	NA
Dibenzofuran	ND(0.35)	ND(0.39)	ND(0.44)	ND(0.44)	NA
Diethylphthalate	ND(0.35)	ND(0.39)	ND(0.44)	ND(0.44)	NA
Fluoranthene	ND(0.35)	0.28 J	ND(0.44)	ND(0.44)	NA
Fluorene	ND(0.35)	ND(0.39)	ND(0.44)	ND(0.44)	NA
Indeno(1,2,3-cd)pyrene	ND(0.35)	ND(0.39)	ND(0.44)	ND(0.44)	NA
Naphthalene	ND(0.35)	ND(0.39)	ND(0.44)	ND(0.44)	NA
Phenanthrene	ND(0.35)	0.13 J	ND(0.44)	ND(0.44)	NA
Phenol	ND(0.35)	ND(0.39)	ND(0.44)	ND(0.44)	NA
Pyrene	0.077 J	0.27 J	ND(0.44)	ND(0.44)	NA
Organochlorine Pesticides					
Technical Chlordane	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 JUNE 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-N25 0-1 06/01/04	RAA10-E-N26 0-1 05/28/04	RAA10-E-N26 1-3 05/28/04	RAA10-E-N26 3-6 05/28/04	RAA10-E-N26 4-6 05/28/04
Furans						
2,3,7,8-TCDF		0.00000074 J	0.0000029 Y	0.0000010 J	0.00000022 J	NA
TCDFs (total)		0.000057 Q	0.000029	0.0000036	0.00000022 J	NA
1,2,3,7,8-PeCDF		0.00000080 J	0.0000022 J	ND(0.00000065)	ND(0.00000053)	NA
2,3,4,7,8-PeCDF		0.000014 Q	0.0000060	0.00000071 J	ND(0.00000053)	NA
PeCDFs (total)		0.00018 Q	0.000071 Q	0.0000031 J	ND(0.00000053)	NA
1,2,3,4,7,8-HxCDF		ND(0.00000080) X	0.0000075	0.00000084 J	ND(0.00000053)	NA
1,2,3,6,7,8-HxCDF		0.0000029 J	0.0000038 J	ND(0.00000065)	ND(0.00000053)	NA
1,2,3,7,8,9-HxCDF		0.00000072 JQ	0.0000024 J	ND(0.00000065)	ND(0.00000053)	NA
2,3,4,6,7,8-HxCDF		0.0000064	0.0000062	ND(0.00000065)	ND(0.00000053)	NA
HxCDFs (total)		0.000071 Q	0.00018	0.000021	0.0000012 J	NA
1,2,3,4,6,7,8-HpCDF		0.0000038 J	0.00017	0.000050	0.00000074 J	NA
1,2,3,4,7,8,9-HpCDF		ND(0.0000014)	0.0000022 J	ND(0.00000065)	ND(0.00000053)	NA
HpCDFs (total)		0.0000088	0.00031	0.000077	0.0000016 J	NA
OCDF		ND(0.0000057)	0.000072	0.000015	ND(0.0000011)	NA
Dioxins						
2,3,7,8-TCDD		ND(0.00000042)	0.00000035 J	ND(0.00000026)	ND(0.00000021)	NA
TCDDs (total)		ND(0.00000042) Q	0.0000011 J	ND(0.00000072)	ND(0.00000066)	NA
1,2,3,7,8-PeCDD		ND(0.00000096) X	ND(0.00000076) X	ND(0.00000065)	ND(0.00000053)	NA
PeCDDs (total)		0.0000056 Q	0.0000061	ND(0.0000011)	ND(0.00000053)	NA
1,2,3,4,7,8-HxCDD		ND(0.0000012)	0.00000098 J	ND(0.00000065)	ND(0.00000053)	NA
1,2,3,6,7,8-HxCDD		0.0000018 JQ	0.000011	ND(0.00000065)	ND(0.00000053)	NA
1,2,3,7,8,9-HxCDD		ND(0.0000016) X	0.0000025 J	ND(0.00000065)	ND(0.00000053)	NA
HxCDDs (total)		0.000020 Q	0.000047	0.0000013 J	ND(0.00000089)	NA
1,2,3,4,6,7,8-HpCDD		0.0000037 J	0.00015	0.0000052 J	0.0000026 J	NA
HpCDDs (total)		0.0000093	0.00026	0.0000089	0.0000044 J	NA
OCDD		ND(0.0000095)	0.0010	0.000047	0.000020	NA
Total TEQs (WHO TEFs)		0.0000092	0.000011	0.0000018	0.00000076	NA
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	NA
Arsenic		3.00	3.20	3.60	3.70	NA
Barium		15.0 B	17.0 B	65.0	63.0	NA
Beryllium		0.160 B	0.120 B	0.430 B	0.610	NA
Cadmium		0.450 B	0.280 B	0.460 B	0.480 B	NA
Chromium		3.50	5.10	14.0	15.0	NA
Cobalt		5.30	4.10 B	9.80	12.0	NA
Copper		8.00	10.0	14.0	16.0	NA
Cyanide		ND(0.210)	0.0860 B	0.0520 B	0.0330 B	NA
Lead		4.50	12.0	12.0	8.00	NA
Mercury		ND(0.100)	0.0510 B	0.0480 B	0.0440 B	NA
Nickel		9.80	7.90	15.0	19.0	NA
Selenium		0.970 B	ND(1.00)	1.10	ND(1.00)	NA
Silver		ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	NA
Sulfide		ND(5.20)	7.60	8.50	8.50	NA
Thallium		ND(1.00)	ND(1.20)	ND(1.30)	ND(1.30)	NA
Tin		3.60 B	3.90 B	4.50 B	4.60 B	NA
Vanadium		4.00 B	5.60	14.0	17.0	NA
Zinc		28.0	32.0	64.0	75.0	NA

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

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

Parameter / Sample ID:	RAA10-E-N26	RAA10-E-N26	RAA10-E-O15	RAA10-E-O19	RAA10-E-O21
Sample Depth(Feet):	6-8	6-15	0-1	0-1	0-1
Date Collected:	05/28/04	05/28/04	05/19/04	05/13/04	05/13/04
Volatile Organics					
Acetone	ND(0.026)	NA	ND(0.024)	ND(0.021)	ND(0.021)
Benzene	ND(0.0065)	NA	ND(0.0060)	ND(0.0053)	ND(0.0052)
Chlorobenzene	ND(0.0065)	NA	ND(0.0060)	ND(0.0053)	ND(0.0052)
Ethylbenzene	ND(0.0065)	NA	ND(0.0060)	ND(0.0053)	ND(0.0052)
Toluene	ND(0.0065)	NA	ND(0.0060)	ND(0.0053)	ND(0.0052)
Trichloroethene	ND(0.0065)	NA	ND(0.0060)	ND(0.0053)	ND(0.0052)
Trichlorofluoromethane	ND(0.0065)	NA	ND(0.0060)	ND(0.0053)	ND(0.0052)
Xylenes (total)	ND(0.0065)	NA	ND(0.0060)	ND(0.0053)	ND(0.0052)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	ND(0.51)	ND(0.40)	ND(0.35)	ND(0.52)
1,2,4-Trichlorobenzene	NA	ND(0.51)	ND(0.40)	ND(0.35)	ND(0.52)
1,2-Dichlorobenzene	NA	ND(0.51)	ND(0.40)	ND(0.35)	ND(0.52)
1,3-Dichlorobenzene	NA	ND(0.51)	ND(0.40)	ND(0.35)	ND(0.52)
1,4-Dichlorobenzene	NA	ND(0.51)	ND(0.40)	ND(0.35)	ND(0.52)
2,4-Dimethylphenol	NA	ND(0.51)	ND(0.40)	ND(0.35)	ND(0.52)
2,4-Dinitrotoluene	NA	ND(0.51)	ND(0.40)	ND(0.35)	ND(0.52)
2-Methylnaphthalene	NA	ND(0.51)	ND(0.40)	ND(0.35)	ND(0.52)
2-Methylphenol	NA	ND(0.51)	ND(0.40)	ND(0.35)	ND(0.52)
Acenaphthene	NA	ND(0.51)	ND(0.40)	ND(0.35)	ND(0.52)
Acenaphthylene	NA	ND(0.51)	0.34 J	ND(0.35)	ND(0.52)
Aniline	NA	ND(0.51)	ND(0.40)	ND(0.35)	ND(0.52)
Anthracene	NA	ND(0.51)	0.25 J	ND(0.35)	ND(0.52)
Benzidine	NA	ND(1.0)	ND(0.81)	ND(0.71)	ND(1.0)
Benzo(a)anthracene	NA	ND(0.51)	0.72	0.073 J	ND(0.52)
Benzo(a)pyrene	NA	ND(0.51)	0.42	ND(0.35)	ND(0.52)
Benzo(b)fluoranthene	NA	ND(0.51)	0.42	ND(0.35)	ND(0.52)
Benzo(g,h,i)perylene	NA	ND(0.51)	0.25 J	ND(0.35)	ND(0.52)
Benzo(k)fluoranthene	NA	ND(0.51)	0.43	ND(0.35)	ND(0.52)
bis(2-Ethylhexyl)phthalate	NA	ND(0.51)	ND(0.40)	ND(0.35)	ND(0.35)
Butylbenzylphthalate	NA	ND(0.51)	ND(0.40)	ND(0.35)	ND(0.52)
Chrysene	NA	ND(0.51)	0.72	0.089 J	ND(0.52)
Dibenzo(a,h)anthracene	NA	ND(0.51)	ND(0.40)	ND(0.35)	ND(0.52)
Dibenzofuran	NA	ND(0.51)	ND(0.40)	ND(0.35)	ND(0.52)
Diethylphthalate	NA	ND(0.51)	ND(0.40)	ND(0.35)	ND(0.52)
Fluoranthene	NA	ND(0.51)	1.5	0.15 J	ND(0.52)
Fluorene	NA	ND(0.51)	ND(0.40)	ND(0.35)	ND(0.52)
Indeno(1,2,3-cd)pyrene	NA	ND(0.51)	0.22 J	ND(0.35)	ND(0.52)
Naphthalene	NA	ND(0.51)	ND(0.40)	ND(0.35)	ND(0.52)
Phenanthrene	NA	ND(0.51)	0.36 J	ND(0.35)	ND(0.52)
Phenol	NA	ND(0.51)	ND(0.40)	ND(0.35)	ND(0.52)
Pyrene	NA	ND(0.51)	1.2	0.15 J	ND(0.52)
Organochlorine Pesticides					
Technical Chlordane	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 JUNE 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-N26 6-8 05/28/04	RAA10-E-N26 6-15 05/28/04	RAA10-E-O15 0-1 05/19/04	RAA10-E-O19 0-1 05/13/04	RAA10-E-O21 0-1 05/13/04
Furans						
2,3,7,8-TCDF		NA	0.00000030 J	0.00014 Y	0.000011 Y	0.00000029 J
TCDFs (total)		NA	0.00000030 J	0.0031 QI	0.0020 IQ	0.0000057
1,2,3,7,8-PeCDF		NA	ND(0.00000065)	0.00012	0.0000063 Q	ND(0.00000026) X
2,3,4,7,8-PeCDF		NA	ND(0.00000065)	0.00053	0.00027 Q	0.0000015 J
PeCDFs (total)		NA	ND(0.00000065)	0.0048 QI	0.0024 IQ	0.000015 Q
1,2,3,4,7,8-HxCDF		NA	ND(0.00000065)	0.00054	0.000027	0.0000028
1,2,3,6,7,8-HxCDF		NA	ND(0.00000065)	0.00031	0.000052	0.00000064 J
1,2,3,7,8,9-HxCDF		NA	ND(0.00000065)	0.000057 Q	0.000014 Q	0.00000043 J
2,3,4,6,7,8-HxCDF		NA	ND(0.00000065)	0.00022	0.00010	0.0000010 J
HxCDFs (total)		NA	ND(0.00000065)	0.0041 QI	0.0015 IQ	0.000015
1,2,3,4,6,7,8-HpCDF		NA	ND(0.00000065)	0.00043	0.000042	0.0000028
1,2,3,4,7,8,9-HpCDF		NA	ND(0.00000065)	0.00012	0.0000073	0.0000020
HpCDFs (total)		NA	ND(0.00000065)	0.00080	0.00010	0.0000090
OCDF		NA	ND(0.0000013)	0.00034	0.000018	0.000011
Dioxins						
2,3,7,8-TCDD		NA	ND(0.00000026)	0.0000013	0.00000066 JQ	ND(0.000000077)
TCDDs (total)		NA	ND(0.00000073)	0.000049 Q	0.000029 Q	0.00000028
1,2,3,7,8-PeCDD		NA	ND(0.00000065)	0.000016	0.000012 Q	0.00000026 J
PeCDDs (total)		NA	ND(0.0000010)	0.00022 Q	0.00012 Q	0.0000020
1,2,3,4,7,8-HxCDD		NA	ND(0.00000065)	0.000018	0.0000061	0.00000016 J
1,2,3,6,7,8-HxCDD		NA	ND(0.00000065)	0.000056	0.000034	0.00000043 J
1,2,3,7,8,9-HxCDD		NA	ND(0.00000065)	0.000028	0.000018	0.00000045 J
HxCDDs (total)		NA	ND(0.0000012)	0.00044	0.00036	0.0000039
1,2,3,4,6,7,8-HpCDD		NA	ND(0.00000065)	0.00012	0.000065	0.0000021
HpCDDs (total)		NA	ND(0.00000065)	0.00028	0.00015	0.0000040
OCDD		NA	0.0000015 J	0.00021	0.000095	0.000016
Total TEQs (WHO TEFs)		NA	0.00000090	0.00043	0.00018	0.0000017
Inorganics						
Antimony		NA	ND(6.00)	0.860 B	ND(6.00)	ND(6.00)
Arsenic		NA	1.90	3.60	2.20	4.50
Barium		NA	34.0	41.0	26.0	14.0 B
Beryllium		NA	0.230 B	0.260 B	0.140 B	0.230 B
Cadmium		NA	0.450 B	0.590	0.330 B	0.410 B
Chromium		NA	8.90	8.20	3.50	4.30
Cobalt		NA	9.60	6.30	3.80 B	5.10
Copper		NA	13.0	34.0	14.0	10.0
Cyanide		NA	0.0290 B	0.0670 B	ND(0.210)	0.0210 B
Lead		NA	4.40	23.0	7.00	7.70
Mercury		NA	ND(0.150)	0.0760 B	0.0400 B	ND(0.100)
Nickel		NA	13.0	12.0	6.70	9.90
Selenium		NA	0.960 B	ND(1.00)	0.760 B	0.800 B
Silver		NA	ND(1.20)	0.130 B	0.110 B	0.200 B
Sulfide		NA	30.0	9.70	8.50	ND(5.20)
Thallium		NA	ND(1.50)	ND(1.20)	ND(1.10)	ND(1.00)
Tin		NA	4.80 B	5.40 B	2.20 B	2.20 B
Vanadium		NA	10.0	7.50	5.70	4.80 B
Zinc		NA	46.0	62.0	25.0	41.0

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

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

Parameter / Sample ID:	RAA10-E-O24	RAA10-E-P15	RAA10-E-P15	RAA10-E-P15	RAA10-E-P15
Sample Depth(Feet):	0-1	1-3	3-6	4-6	6-15
Date Collected:	06/01/04	05/19/04	05/19/04	05/19/04	05/19/04
Volatile Organics					
Acetone	ND(0.021)	ND(0.023)	NA	ND(0.025)	NA
Benzene	ND(0.0053)	ND(0.0058)	NA	ND(0.0062)	NA
Chlorobenzene	ND(0.0053)	ND(0.0058)	NA	ND(0.0062)	NA
Ethylbenzene	ND(0.0053)	ND(0.0058)	NA	ND(0.0062)	NA
Toluene	ND(0.0053)	ND(0.0058)	NA	ND(0.0062)	NA
Trichloroethene	ND(0.0053)	ND(0.0058)	NA	ND(0.0062)	NA
Trichlorofluoromethane	ND(0.0053)	ND(0.0058)	NA	ND(0.0062)	NA
Xylenes (total)	ND(0.0053)	ND(0.0058)	NA	0.0040 J	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.35)	ND(0.38)	ND(0.43)	NA	ND(0.56)
1,2,4-Trichlorobenzene	ND(0.35)	1.3	2.9	NA	ND(0.56)
1,2-Dichlorobenzene	ND(0.35)	ND(0.38)	ND(0.43)	NA	ND(0.56)
1,3-Dichlorobenzene	ND(0.35)	0.14 J	1.1	NA	ND(0.56)
1,4-Dichlorobenzene	ND(0.35)	0.28 J	3.5	NA	0.28 J
2,4-Dimethylphenol	ND(0.35)	ND(0.38)	ND(0.43)	NA	ND(0.56)
2,4-Dinitrotoluene	ND(0.35)	ND(0.38)	ND(0.43)	NA	ND(0.56)
2-Methylnaphthalene	ND(0.35)	0.14 J	0.12 J	NA	ND(0.56)
2-Methylphenol	ND(0.35)	ND(0.38)	ND(0.43)	NA	ND(0.56)
Acenaphthene	ND(0.35)	0.61	0.33 J	NA	ND(0.56)
Acenaphthylene	ND(0.35)	0.78	ND(0.43)	NA	ND(0.56)
Aniline	ND(0.35)	ND(0.38)	ND(0.43)	NA	ND(0.56)
Anthracene	ND(0.35)	1.8	0.60	NA	0.15 J
Benzidine	ND(0.71)	ND(0.77)	ND(0.86)	NA	ND(1.1)
Benzo(a)anthracene	ND(0.35)	5.7	0.44	NA	ND(0.56)
Benzo(a)pyrene	0.080 J	3.3	0.25 J	NA	ND(0.56)
Benzo(b)fluoranthene	ND(0.35)	3.2	0.25 J	NA	ND(0.56)
Benzo(g,h,i)perylene	ND(0.35)	1.9	0.14 J	NA	ND(0.56)
Benzo(k)fluoranthene	ND(0.35)	3.4	0.22 J	NA	ND(0.56)
bis(2-Ethylhexyl)phthalate	ND(0.35)	ND(0.38)	ND(0.43)	NA	ND(0.56)
Butylbenzylphthalate	ND(0.35)	ND(0.38)	ND(0.43)	NA	ND(0.56)
Chrysene	ND(0.35)	6.4	0.53	NA	ND(0.56)
Dibenzo(a,h)anthracene	ND(0.35)	0.68	ND(0.43)	NA	ND(0.56)
Dibenzofuran	ND(0.35)	0.30 J	ND(0.43)	NA	ND(0.56)
Diethylphthalate	ND(0.35)	ND(0.38)	ND(0.43)	NA	ND(0.56)
Fluoranthene	ND(0.35)	17	1.6	NA	0.34 J
Fluorene	ND(0.35)	0.80	ND(0.43)	NA	ND(0.56)
Indeno(1,2,3-cd)pyrene	ND(0.35)	1.6	ND(0.43)	NA	ND(0.56)
Naphthalene	ND(0.35)	0.30 J	ND(0.43)	NA	ND(0.56)
Phenanthrene	ND(0.35)	7.3	1.5	NA	0.52 J
Phenol	ND(0.35)	ND(0.38)	ND(0.43)	NA	ND(0.56)
Pyrene	ND(0.35)	7.3	1.3	NA	0.21 J
Organochlorine Pesticides					
Technical Chlordane	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 JUNE 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-O24 0-1 06/01/04	RAA10-E-P15 1-3 05/19/04	RAA10-E-P15 3-6 05/19/04	RAA10-E-P15 4-6 05/19/04	RAA10-E-P15 6-15 05/19/04
Furans						
2,3,7,8-TCDF		ND(0.0000012)	0.0055 YE	0.038 Y	NA	0.0030 Y
TCDFs (total)		0.000011	0.060 I	0.59 I	NA	0.048
1,2,3,7,8-PeCDF		ND(0.00000053)	0.0050	0.018	NA	0.0016
2,3,4,7,8-PeCDF		0.0000026 J	0.0094	0.034	NA	0.0026
PeCDFs (total)		0.000040 Q	0.081 QI	0.51 I	NA	0.039
1,2,3,4,7,8-HxCDF		ND(0.00000064)	0.020 EI	0.090	NA	0.0086
1,2,3,6,7,8-HxCDF		0.00000085 J	0.013 EI	0.050	NA	0.0046
1,2,3,7,8,9-HxCDF		ND(0.00000076)	0.0021 Q	0.0097	NA	0.00093
2,3,4,6,7,8-HxCDF		0.0000017 J	0.0040	0.021	NA	0.0019
HxCDFs (total)		0.000028	0.085 QI	0.39	NA	0.034
1,2,3,4,6,7,8-HpCDF		ND(0.0000020) X	0.015 EI	0.094 I	NA	0.0082
1,2,3,4,7,8,9-HpCDF		ND(0.00000067)	0.0041	0.027	NA	0.0027
HpCDFs (total)		0.0000022 J	0.026 I	0.16 I	NA	0.015
OCDF		ND(0.0000020)	0.011	0.088	NA	0.0097
Dioxins						
2,3,7,8-TCDD		ND(0.00000027)	0.000026	0.00018	NA	0.000016
TCDDs (total)		ND(0.00000027)	0.00080	0.0073	NA	0.0010
1,2,3,7,8-PeCDD		0.00000079 J	0.00016	ND(0.00045) X	NA	0.000041
PeCDDs (total)		ND(0.0000010)	0.0021 Q	0.010	NA	0.0011 Q
1,2,3,4,7,8-HxCDD		ND(0.0000012)	0.00017	0.00054	NA	0.000056
1,2,3,6,7,8-HxCDD		ND(0.0000011)	0.00045	0.00084	NA	0.000088
1,2,3,7,8,9-HxCDD		ND(0.0000011)	0.00028	0.00074	NA	0.000063
HxCDDs (total)		0.000011	0.0051	0.014	NA	0.0017
1,2,3,4,6,7,8-HpCDD		0.000058	0.0014	0.0068	NA	0.00068
HpCDDs (total)		0.00015	0.0031	0.016	NA	0.0015
OCDD		0.0018	0.0028	0.025	NA	0.0021
Total TEQs (WHO TEFs)		0.0000036	0.0099	0.041	NA	0.0035
Inorganics						
Antimony		ND(6.00)	3.40 B	34.0	NA	1.90 B
Arsenic		2.60	4.00	7.40	NA	3.00
Barium		12.0 B	46.0	180	NA	96.0
Beryllium		0.130 B	0.260 B	0.320 B	NA	0.440 B
Cadmium		0.360 B	0.570	3.60	NA	0.930
Chromium		4.10	11.0	57.0	NA	16.0
Cobalt		5.00 B	7.60	12.0	NA	7.50
Copper		7.20	160	4600	NA	93.0
Cyanide		ND(0.210)	0.120	0.210	NA	0.0850 B
Lead		9.20	100	790	NA	68.0
Mercury		ND(0.100)	0.380	2.70	NA	0.190
Nickel		7.50	12.0	48.0	NA	18.0
Selenium		ND(1.00)	ND(1.00)	ND(1.00)	NA	0.910 B
Silver		ND(1.00)	0.690 B	0.910 B	NA	0.320 B
Sulfide		ND(5.30)	15.0	160	NA	62.0
Thallium		ND(1.00)	ND(1.20)	ND(1.30)	NA	ND(1.70)
Tin		3.70 B	12.0	120	NA	12.0 B
Vanadium		3.40 B	6.80	9.30	NA	14.0
Zinc		26.0	140	1200	NA	130

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA10-E-P15 8-10 05/19/04	RAA10-E-P18 3-6 06/17/04	RAA10-E-P18 4-6 06/17/04	RAA10-E-P19 0-1 06/17/04	RAA10-E-P20 6-8 06/16/04
Volatile Organics					
Acetone	ND(0.027)	NA	ND(0.027)	0.0098 J	ND(0.029)
Benzene	ND(0.0068)	NA	ND(0.0068)	ND(0.0060)	ND(0.0074)
Chlorobenzene	ND(0.0068)	NA	ND(0.0068)	ND(0.0060)	ND(0.0074)
Ethylbenzene	ND(0.0068)	NA	ND(0.0068)	ND(0.0060)	ND(0.0074)
Toluene	ND(0.0068)	NA	ND(0.0068)	ND(0.0060)	ND(0.0074)
Trichloroethene	ND(0.0068)	NA	ND(0.0068)	ND(0.0060)	ND(0.0074)
Trichlorofluoromethane	ND(0.0068)	NA	ND(0.0068)	ND(0.0060)	ND(0.0074)
Xylenes (total)	0.0071	NA	ND(0.0068)	ND(0.0060)	ND(0.0074)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	ND(0.47)	NA	ND(0.40)	NA
1,2,4-Trichlorobenzene	NA	ND(0.47)	NA	ND(0.40)	NA
1,2-Dichlorobenzene	NA	ND(0.47)	NA	ND(0.40)	NA
1,3-Dichlorobenzene	NA	ND(0.47)	NA	ND(0.40)	NA
1,4-Dichlorobenzene	NA	ND(0.47)	NA	ND(0.40)	NA
2,4-Dimethylphenol	NA	ND(0.47)	NA	ND(0.40)	NA
2,4-Dinitrotoluene	NA	ND(0.47)	NA	ND(0.40)	NA
2-Methylnaphthalene	NA	ND(0.47)	NA	ND(0.40)	NA
2-Methylphenol	NA	ND(0.47)	NA	ND(0.40)	NA
Acenaphthene	NA	ND(0.47)	NA	ND(0.40)	NA
Acenaphthylene	NA	ND(0.47)	NA	ND(0.40)	NA
Aniline	NA	ND(0.47)	NA	ND(0.40)	NA
Anthracene	NA	ND(0.47)	NA	0.43	NA
Benzidine	NA	ND(0.94)	NA	ND(0.80)	NA
Benzo(a)anthracene	NA	ND(0.47)	NA	0.40	NA
Benzo(a)pyrene	NA	ND(0.47)	NA	0.34 J	NA
Benzo(b)fluoranthene	NA	ND(0.47)	NA	0.19 J	NA
Benzo(g,h,i)perylene	NA	ND(0.47)	NA	0.32 J	NA
Benzo(k)fluoranthene	NA	ND(0.47)	NA	0.31 J	NA
bis(2-Ethylhexyl)phthalate	NA	ND(0.46)	NA	ND(0.39)	NA
Butylbenzylphthalate	NA	ND(0.47)	NA	ND(0.40)	NA
Chrysene	NA	ND(0.47)	NA	0.41	NA
Dibenzo(a,h)anthracene	NA	ND(0.47)	NA	ND(0.40)	NA
Dibenzofuran	NA	ND(0.47)	NA	ND(0.40)	NA
Diethylphthalate	NA	ND(0.47)	NA	ND(0.40)	NA
Fluoranthene	NA	ND(0.47)	NA	1.0	NA
Fluorene	NA	ND(0.47)	NA	ND(0.40)	NA
Indeno(1,2,3-cd)pyrene	NA	ND(0.47)	NA	0.25 J	NA
Naphthalene	NA	ND(0.47)	NA	ND(0.40)	NA
Phenanthrene	NA	ND(0.47)	NA	0.70	NA
Phenol	NA	ND(0.47)	NA	ND(0.40)	NA
Pyrene	NA	ND(0.47)	NA	0.92	NA
Organochlorine Pesticides					
Technical Chlordane	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 JUNE 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-P15 8-10 05/19/04	RAA10-E-P18 3-6 06/17/04	RAA10-E-P18 4-6 06/17/04	RAA10-E-P19 0-1 06/17/04	RAA10-E-P20 6-8 06/16/04
Furans						
2,3,7,8-TCDF		NA	ND(0.00000026)	NA	0.0000044 Y	NA
TCDFs (total)		NA	ND(0.00000026)	NA	0.000082 Q	NA
1,2,3,7,8-PeCDF		NA	ND(0.00000065)	NA	0.0000018 J	NA
2,3,4,7,8-PeCDF		NA	ND(0.00000065)	NA	0.000023	NA
PeCDFs (total)		NA	ND(0.00000065)	NA	0.00026 Q	NA
1,2,3,4,7,8-HxCDF		NA	ND(0.00000065)	NA	0.0000078	NA
1,2,3,6,7,8-HxCDF		NA	ND(0.00000065)	NA	0.0000054	NA
1,2,3,7,8,9-HxCDF		NA	ND(0.00000065)	NA	0.0000016 JQ	NA
2,3,4,6,7,8-HxCDF		NA	ND(0.00000065)	NA	0.000014	NA
HxCDFs (total)		NA	ND(0.00000065)	NA	0.00019 Q	NA
1,2,3,4,6,7,8-HpCDF		NA	ND(0.00000065)	NA	0.000012	NA
1,2,3,4,7,8,9-HpCDF		NA	ND(0.00000065)	NA	0.0000034 J	NA
HpCDFs (total)		NA	ND(0.00000065)	NA	0.000034	NA
OCDF		NA	ND(0.0000013)	NA	0.000016	NA
Dioxins						
2,3,7,8-TCDD		NA	ND(0.00000026)	NA	ND(0.00000034)	NA
TCDDs (total)		NA	ND(0.00000065)	NA	0.00000085 J	NA
1,2,3,7,8-PeCDD		NA	ND(0.00000065)	NA	0.0000010 J	NA
PeCDDs (total)		NA	ND(0.00000089)	NA	0.000010 Q	NA
1,2,3,4,7,8-HxCDD		NA	ND(0.00000065)	NA	0.00000080 J	NA
1,2,3,6,7,8-HxCDD		NA	ND(0.00000065)	NA	0.0000024 J	NA
1,2,3,7,8,9-HxCDD		NA	ND(0.00000065)	NA	0.0000014 J	NA
HxCDDs (total)		NA	ND(0.00000097)	NA	0.000023	NA
1,2,3,4,6,7,8-HpCDD		NA	ND(0.00000065)	NA	0.000018	NA
HpCDDs (total)		NA	ND(0.00000065)	NA	0.000033	NA
OCDD		NA	0.0000038 J	NA	0.00012	NA
Total TEQs (WHO TEFs)		NA	0.00000088	NA	0.000017	NA
Inorganics						
Antimony		NA	ND(6.00)	NA	1.30 B	NA
Arsenic		NA	1.70	NA	7.40	NA
Barium		NA	57.0	NA	27.0	NA
Beryllium		NA	0.430 B	NA	0.210 B	NA
Cadmium		NA	0.360 B	NA	0.620	NA
Chromium		NA	14.0	NA	13.0	NA
Cobalt		NA	10.0	NA	10.0	NA
Copper		NA	15.0	NA	46.0	NA
Cyanide		NA	0.0300 B	NA	0.0570 B	NA
Lead		NA	6.20	NA	59.0	NA
Mercury		NA	0.0150 B	NA	0.0610 B	NA
Nickel		NA	16.0	NA	19.0	NA
Selenium		NA	ND(1.00)	NA	ND(1.00)	NA
Silver		NA	ND(1.00)	NA	ND(1.00)	NA
Sulfide		NA	9.00	NA	7.60	NA
Thallium		NA	ND(1.40)	NA	ND(1.20)	NA
Tin		NA	4.20 B	NA	6.00 B	NA
Vanadium		NA	14.0	NA	7.40	NA
Zinc		NA	66.0	NA	100	NA

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-P20 6-15 06/16/04	RAA10-E-P22 0-1 05/10/04	RAA10-E-P24 1-3 05/10/04	RAA10-E-P24 3-6 05/10/04	RAA10-E-P24 4-6 05/10/04
Volatile Organics						
Acetone		NA	ND(0.021)	ND(0.021)	NA	ND(0.026)
Benzene		NA	ND(0.0054)	ND(0.0052)	NA	ND(0.0064)
Chlorobenzene		NA	ND(0.0054)	ND(0.0052)	NA	ND(0.0064)
Ethylbenzene		NA	ND(0.0054)	ND(0.0052)	NA	ND(0.0064)
Toluene		NA	ND(0.0054)	ND(0.0052)	NA	ND(0.0064)
Trichloroethene		NA	ND(0.0054)	ND(0.0052)	NA	ND(0.0064)
Trichlorofluoromethane		NA	ND(0.0054)	ND(0.0052)	NA	ND(0.0064)
Xylenes (total)		NA	ND(0.0054)	ND(0.0052)	NA	ND(0.0064)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
1,2,4-Trichlorobenzene		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
1,2-Dichlorobenzene		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
1,3-Dichlorobenzene		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
1,4-Dichlorobenzene		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
2,4-Dimethylphenol		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
2,4-Dinitrotoluene		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
2-Methylnaphthalene		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
2-Methylphenol		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
Acenaphthene		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
Acenaphthylene		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
Aniline		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
Anthracene		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
Benzidine		ND(1.1)	ND(0.72)	ND(0.70)	ND(0.88)	NA
Benzo(a)anthracene		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
Benzo(a)pyrene		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
Benzo(b)fluoranthene		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
Benzo(g,h,i)perylene		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
Benzo(k)fluoranthene		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
bis(2-Ethylhexyl)phthalate		ND(0.45)	ND(0.35)	ND(0.34)	ND(0.43)	NA
Butylbenzylphthalate		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
Chrysene		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
Dibenzo(a,h)anthracene		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
Dibenzofuran		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
Diethylphthalate		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
Fluoranthene		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
Fluorene		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
Indeno(1,2,3-cd)pyrene		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
Naphthalene		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
Phenanthrene		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
Phenol		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
Pyrene		ND(0.54)	ND(0.36)	ND(0.35)	ND(0.44)	NA
Organochlorine Pesticides						
Technical Chlordane		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 JUNE 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-P20 6-15 06/16/04	RAA10-E-P22 0-1 05/10/04	RAA10-E-P24 1-3 05/10/04	RAA10-E-P24 3-6 05/10/04	RAA10-E-P24 4-6 05/10/04
Furans						
2,3,7,8-TCDF		ND(0.00000026) X	ND(0.00000026) X	ND(0.00000022) X	0.0000017 Y	NA
TCDFs (total)		ND(0.00000025)	0.0000023	ND(0.000000082)	0.000013	NA
1,2,3,7,8-PeCDF		ND(0.00000062)	ND(0.00000021)	ND(0.00000020)	0.00000076 J	NA
2,3,4,7,8-PeCDF		ND(0.00000062)	0.00000050 J	ND(0.00000020)	0.0000011 J	NA
PeCDFs (total)		ND(0.00000062)	0.0000045	ND(0.00000020)	0.000010	NA
1,2,3,4,7,8-HxCDF		ND(0.00000062)	ND(0.00000021)	ND(0.00000020)	0.0000013 J	NA
1,2,3,6,7,8-HxCDF		ND(0.00000062)	ND(0.00000021)	ND(0.00000020)	0.0000011 J	NA
1,2,3,7,8,9-HxCDF		ND(0.00000062)	ND(0.00000021)	ND(0.00000020)	0.00000044 J	NA
2,3,4,6,7,8-HxCDF		ND(0.00000062)	0.00000021 J	ND(0.00000020)	0.00000091 J	NA
HxCDFs (total)		ND(0.00000062)	0.0000027	ND(0.00000020)	0.000061	NA
1,2,3,4,6,7,8-HpCDF		ND(0.00000062)	0.00000037 J	ND(0.00000020)	0.00012	NA
1,2,3,4,7,8,9-HpCDF		ND(0.00000062)	ND(0.00000021)	ND(0.00000020)	0.00000053 J	NA
HpCDFs (total)		ND(0.00000062)	0.00000075 J	ND(0.00000020)	0.00021	NA
OCDF		ND(0.0000012)	0.00000048 J	ND(0.00000041)	0.000037	NA
Dioxins						
2,3,7,8-TCDD		ND(0.00000025)	ND(0.000000083)	ND(0.000000082)	0.00000011 J	NA
TCDDs (total)		ND(0.00000070)	ND(0.000000083)	ND(0.00000022)	ND(0.00000038)	NA
1,2,3,7,8-PeCDD		ND(0.00000062)	ND(0.00000021)	ND(0.00000020)	ND(0.00000027)	NA
PeCDDs (total)		ND(0.00000091)	ND(0.00000021)	ND(0.00000032)	ND(0.00000027)	NA
1,2,3,4,7,8-HxCDD		ND(0.00000062)	ND(0.00000021)	ND(0.00000020)	ND(0.00000027)	NA
1,2,3,6,7,8-HxCDD		ND(0.00000062)	ND(0.00000021)	ND(0.00000020)	ND(0.00000073) X	NA
1,2,3,7,8,9-HxCDD		ND(0.00000062)	ND(0.00000021)	ND(0.00000020)	0.00000030 J	NA
HxCDDs (total)		ND(0.00000062)	0.00000042 J	ND(0.00000039)	0.0000044	NA
1,2,3,4,6,7,8-HpCDD		ND(0.00000062)	0.00000079 J	0.00000023 J	0.000013	NA
HpCDDs (total)		ND(0.00000062)	0.0000022	0.00000023 J	0.000022	NA
OCDD		0.0000020 J	0.0000051	0.0000010 J	0.00014	NA
Total TEQs (WHO TEFs)		0.00000085	0.00000051	0.00000028	0.0000028	NA
Inorganics						
Antimony		ND(6.00)	1.30 B	0.750 B	ND(6.00)	NA
Arsenic		2.40	1.70	1.80	2.10	NA
Barium		70.0	13.0 B	11.0 B	36.0	NA
Beryllium		0.480 B	0.0970 B	0.120 B	0.340 B	NA
Cadmium		0.440 B	0.220 B	0.180 B	0.380 B	NA
Chromium		14.0	2.20	5.50	10.0	NA
Cobalt		10.0	2.40 B	2.30 B	5.60	NA
Copper		14.0	5.90	6.00	12.0	NA
Cyanide		ND(0.140)	0.0260 B	ND(0.100)	0.0410 B	NA
Lead		7.20	4.00	8.50	11.0	NA
Mercury		0.0240 B	0.00740 B	0.0170 B	0.100 B	NA
Nickel		17.0	4.00 B	4.10	8.90	NA
Selenium		0.790 B	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		8.60	ND(5.40)	ND(5.20)	ND(6.60)	NA
Thallium		ND(1.40)	ND(1.10)	ND(1.00)	ND(1.30)	NA
Tin		4.30 B	1.50 B	1.20 B	2.50 B	NA
Vanadium		12.0	2.00 B	2.10 B	8.10	NA
Zinc		74.0	12.0	14.0	47.0	NA

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-P24 6-8 05/10/04	RAA10-E-P24 6-15 05/10/04	RAA10-E-Q18 0-1 06/02/04	RAA10-E-Q20 0-1 06/02/04	RAA10-E-Q24 0-1 06/01/04
Volatile Organics						
Acetone		ND(0.026)	NA	ND(0.031)	ND(0.028)	ND(0.021)
Benzene		ND(0.0065)	NA	ND(0.0078)	ND(0.0069)	ND(0.0052)
Chlorobenzene		ND(0.0065)	NA	ND(0.0078)	ND(0.0069)	ND(0.0052)
Ethylbenzene		ND(0.0065)	NA	ND(0.0078)	ND(0.0069)	ND(0.0052)
Toluene		ND(0.0065)	NA	ND(0.0078)	ND(0.0069)	ND(0.0052)
Trichloroethene		ND(0.0065)	NA	ND(0.0078)	ND(0.0069)	ND(0.0052)
Trichlorofluoromethane		ND(0.0065)	NA	ND(0.0078)	ND(0.0069)	ND(0.0052)
Xylenes (total)		ND(0.0065)	NA	ND(0.0078)	ND(0.0069)	ND(0.0052)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
1,2,4-Trichlorobenzene		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
1,2-Dichlorobenzene		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
1,3-Dichlorobenzene		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
1,4-Dichlorobenzene		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
2,4-Dimethylphenol		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
2,4-Dinitrotoluene		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
2-Methylnaphthalene		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
2-Methylphenol		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
Acenaphthene		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
Acenaphthylene		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
Aniline		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
Anthracene		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
Benzidine		NA	ND(1.1)	ND(1.0)	ND(0.92)	ND(0.70)
Benzo(a)anthracene		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
Benzo(a)pyrene		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
Benzo(b)fluoranthene		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
Benzo(g,h,i)perylene		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
Benzo(k)fluoranthene		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
bis(2-Ethylhexyl)phthalate		NA	ND(0.42)	ND(0.52)	ND(0.46)	ND(0.35)
Butylbenzylphthalate		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
Chrysene		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
Dibenzo(a,h)anthracene		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
Dibenzofuran		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
Diethylphthalate		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
Fluoranthene		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
Fluorene		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
Indeno(1,2,3-cd)pyrene		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
Naphthalene		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
Phenanthrene		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
Phenol		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
Pyrene		NA	ND(0.55)	ND(0.52)	ND(0.46)	ND(0.35)
Organochlorine Pesticides						
Technical Chlordane		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 JUNE 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-P24 6-8 05/10/04	RAA10-E-P24 6-15 05/10/04	RAA10-E-Q18 0-1 06/02/04	RAA10-E-Q20 0-1 06/02/04	RAA10-E-Q24 0-1 06/01/04
Furans						
2,3,7,8-TCDF		NA	0.00000015 J	0.0000030 J	ND(0.00000048)	0.00000070 J
TCDFs (total)		NA	0.00000015 J	0.000070	ND(0.00000048)	0.000052
1,2,3,7,8-PeCDF		NA	ND(0.00000025)	0.0000011 J	ND(0.00000067)	ND(0.00000051)
2,3,4,7,8-PeCDF		NA	ND(0.00000025)	0.0000089	ND(0.00000067)	0.000017
PeCDFs (total)		NA	ND(0.00000025)	0.000099	ND(0.00000067)	0.00018 Q
1,2,3,4,7,8-HxCDF		NA	ND(0.00000025)	0.0000024 J	ND(0.00000067)	0.00000098 J
1,2,3,6,7,8-HxCDF		NA	ND(0.00000025)	0.0000026 J	ND(0.00000067)	0.0000027 J
1,2,3,7,8,9-HxCDF		NA	ND(0.00000025)	ND(0.00000084)	ND(0.00000076)	ND(0.0000010)
2,3,4,6,7,8-HxCDF		NA	ND(0.00000025)	0.0000041 J	ND(0.00000067)	0.0000070
HxCDFs (total)		NA	ND(0.00000025)	0.000061	ND(0.00000067)	0.000097
1,2,3,4,6,7,8-HpCDF		NA	0.00000056 J	0.000023	ND(0.00000067)	0.0000026 J
1,2,3,4,7,8,9-HpCDF		NA	ND(0.00000025)	ND(0.00000084)	ND(0.00000082)	ND(0.00000079)
HpCDFs (total)		NA	0.00000089 J	0.000041	ND(0.00000071)	0.0000070
OCDF		NA	ND(0.00000049)	0.000012 J	ND(0.0000026)	ND(0.0000024)
Dioxins						
2,3,7,8-TCDD		NA	ND(0.000000099)	ND(0.00000037)	ND(0.00000051)	ND(0.00000028)
TCDDs (total)		NA	ND(0.00000028)	ND(0.00000085)	ND(0.00000051)	ND(0.00000028)
1,2,3,7,8-PeCDD		NA	ND(0.00000025)	0.0000015 J	ND(0.00000067)	0.00000099 J
PeCDDs (total)		NA	ND(0.00000042)	0.000013	ND(0.00000067)	0.0000071
1,2,3,4,7,8-HxCDD		NA	ND(0.00000025)	ND(0.00000084)	ND(0.0000012)	ND(0.0000012)
1,2,3,6,7,8-HxCDD		NA	ND(0.00000025)	0.0000045 J	ND(0.0000011)	0.0000018 J
1,2,3,7,8,9-HxCDD		NA	ND(0.00000025)	0.0000017 J	ND(0.0000011)	ND(0.0000012)
HxCDDs (total)		NA	ND(0.00000039)	0.000028	ND(0.0000011)	0.000019
1,2,3,4,6,7,8-HpCDD		NA	0.00000025 J	0.000040	ND(0.0000010)	0.0000040 J
HpCDDs (total)		NA	0.00000025 J	0.000070	ND(0.0000010)	0.000011
OCDD		NA	0.0000014 J	0.00025	0.0000057 J	0.000010
Total TEQs (WHO TEFs)		NA	0.00000036	0.0000088	0.0000011	0.000011
Inorganics						
Antimony		NA	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		NA	1.20	2.60	2.60	4.00
Barium		NA	30.0	72.0	74.0	11.0 B
Beryllium		NA	0.310 B	0.730	0.670	0.180 B
Cadmium		NA	0.360 B	0.220 B	0.200 B	0.440 B
Chromium		NA	7.20	140	17.0	3.40
Cobalt		NA	5.20	7.90	8.00	4.80 B
Copper		NA	9.40	25.0	11.0	9.80
Cyanide		NA	0.0230 B	0.100 B	0.0230 B	0.0300 B
Lead		NA	4.80	14.0	10.0	5.20
Mercury		NA	0.0260 B	0.0500 B	0.0800 B	ND(0.100)
Nickel		NA	8.60	21.0	17.0	8.00
Selenium		NA	ND(1.00)	ND(1.20)	ND(1.00)	0.890 B
Silver		NA	ND(1.00)	ND(1.20)	ND(1.00)	ND(1.00)
Sulfide		NA	ND(6.40)	10.0	11.0	ND(5.20)
Thallium		NA	ND(1.30)	ND(1.60)	1.40	ND(1.00)
Tin		NA	2.20 B	5.20 B	4.80 B	3.50 B
Vanadium		NA	7.50	17.0	16.0	5.60
Zinc		NA	37.0	77.0	69.0	23.0

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA10-E-Q25 0-1 06/01/04	RAA10-E-R15 0-1 06/17/04	RAA10-E-R17 0-1 06/02/04	RAA10-E-R18 6-8 06/09/04	RAA10-E-R18 6-15 06/09/04
Volatile Organics					
Acetone	ND(0.029)	ND(0.028)	ND(0.030)	ND(0.035)	NA
Benzene	ND(0.0072)	ND(0.0070)	ND(0.0074)	ND(0.0086)	NA
Chlorobenzene	ND(0.0072)	ND(0.0070)	ND(0.0074)	ND(0.0086)	NA
Ethylbenzene	ND(0.0072)	ND(0.0070)	ND(0.0074)	ND(0.0086)	NA
Toluene	ND(0.0072)	ND(0.0070)	ND(0.0074)	ND(0.0086)	NA
Trichloroethene	ND(0.0072)	ND(0.0070)	ND(0.0074)	ND(0.0086)	NA
Trichlorofluoromethane	ND(0.0072)	ND(0.0070)	ND(0.0074)	ND(0.0086)	NA
Xylenes (total)	ND(0.0072)	ND(0.0070)	ND(0.0074)	ND(0.0086)	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
1,2,4-Trichlorobenzene	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
1,2-Dichlorobenzene	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
1,3-Dichlorobenzene	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
1,4-Dichlorobenzene	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
2,4-Dimethylphenol	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
2,4-Dinitrotoluene	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
2-Methylnaphthalene	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
2-Methylphenol	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
Acenaphthene	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
Acenaphthylene	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
Aniline	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
Anthracene	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
Benzidine	ND(0.97)	ND(1.1)	ND(0.99)	NA	ND(1.4)
Benzo(a)anthracene	ND(0.48)	0.12 J	ND(0.49)	NA	ND(0.70)
Benzo(a)pyrene	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
Benzo(b)fluoranthene	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
Benzo(g,h,i)perylene	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
Benzo(k)fluoranthene	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
bis(2-Ethylhexyl)phthalate	ND(0.48)	ND(0.46)	ND(0.49)	NA	3.3
Butylbenzylphthalate	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
Chrysene	ND(0.48)	0.19 J	ND(0.49)	NA	ND(0.70)
Dibenzo(a,h)anthracene	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
Dibenzofuran	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
Diethylphthalate	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
Fluoranthene	ND(0.48)	0.32 J	ND(0.49)	NA	ND(0.70)
Fluorene	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
Indeno(1,2,3-cd)pyrene	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
Naphthalene	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
Phenanthrene	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
Phenol	ND(0.48)	ND(0.56)	ND(0.49)	NA	ND(0.70)
Pyrene	0.10 J	0.25 J	ND(0.49)	NA	ND(0.70)
Organochlorine Pesticides					
Technical Chlordane	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 JUNE 2004

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-Q25 0-1 06/01/04	RAA10-E-R15 0-1 06/17/04	RAA10-E-R17 0-1 06/02/04	RAA10-E-R18 6-8 06/09/04	RAA10-E-R18 6-15 06/09/04
Furans					
2,3,7,8-TCDF	0.0000043 Y	0.000019 Y	0.0000013 J	NA	0.00000046 J
TCDFs (total)	0.000069 I	0.0017 I	0.0000072	NA	0.00000046 J
1,2,3,7,8-PeCDF	0.0000015 J	0.0000061 J	ND(0.00000062)	NA	ND(0.00000094)
2,3,4,7,8-PeCDF	0.000014	0.00019	0.00000079 J	NA	ND(0.00000094)
PeCDFs (total)	0.00020 QI	0.0042 I	0.0000051 J	NA	ND(0.00000094)
1,2,3,4,7,8-HxCDF	0.0000036 J	0.000015	ND(0.00000062)	NA	ND(0.00000094)
1,2,3,6,7,8-HxCDF	0.0000051 J	0.000040	ND(0.00000062)	NA	ND(0.00000094)
1,2,3,7,8,9-HxCDF	0.0000016 J	0.0000066 JQ	ND(0.00000063)	NA	ND(0.00000094)
2,3,4,6,7,8-HxCDF	0.000011	0.000082	ND(0.00000062)	NA	ND(0.00000094)
HxCDFs (total)	0.00018	0.0017 Q	0.0000097	NA	ND(0.00000094)
1,2,3,4,6,7,8-HpCDF	0.000083	0.000046	0.000014	NA	ND(0.00000094)
1,2,3,4,7,8,9-HpCDF	0.0000013 J	0.0000042 J	ND(0.00000062)	NA	ND(0.00000094)
HpCDFs (total)	0.00014	0.00010	0.000022	NA	ND(0.00000094)
OCDF	0.000034	0.000042	0.0000060 J	NA	ND(0.0000019)
Dioxins					
2,3,7,8-TCDD	ND(0.00000036) X	0.0000012 J	ND(0.00000037)	NA	ND(0.00000050)
TCDDs (total)	ND(0.00000072)	0.000020	ND(0.00000065)	NA	ND(0.0000011)
1,2,3,7,8-PeCDD	0.0000015 J	0.0000076 J	ND(0.00000062)	NA	ND(0.00000094)
PeCDDs (total)	0.000011	0.000090	ND(0.0000011)	NA	ND(0.00000094)
1,2,3,4,7,8-HxCDD	0.0000011 J	ND(0.0000040) X	ND(0.00000062)	NA	ND(0.00000094)
1,2,3,6,7,8-HxCDD	0.0000051 J	0.000013	ND(0.00000062)	NA	ND(0.00000094)
1,2,3,7,8,9-HxCDD	0.0000030 J	0.0000077 J	ND(0.00000062)	NA	ND(0.00000094)
HxCDDs (total)	0.000039	0.00013	0.00000074 J	NA	ND(0.00000094)
1,2,3,4,6,7,8-HpCDD	0.000039	0.000064	0.0000052 J	NA	ND(0.00000094)
HpCDDs (total)	0.000070	0.00012	0.0000085	NA	ND(0.00000094)
OCDD	0.00027	0.00036	0.000035	NA	0.0000034 J
Total TEQs (WHO TEFs)	0.000013	0.00012	0.0000015	NA	0.0000014
Inorganics					
Antimony	ND(6.00)	ND(6.00)	ND(6.00)	NA	ND(6.00)
Arsenic	4.00	5.20	3.40	NA	2.40
Barium	62.0	26.0	92.0	NA	40.0
Beryllium	0.610	0.250 B	1.00	NA	0.420 B
Cadmium	0.820	0.630	0.230 B	NA	0.420 B
Chromium	17.0	8.60	20.0	NA	8.90
Cobalt	10.0	6.60	9.00	NA	7.70
Copper	16.0	17.0	17.0	NA	13.0
Cyanide	0.100 B	0.360	0.0790 B	NA	0.0750 B
Lead	21.0	31.0	12.0	NA	4.50
Mercury	0.0820 B	0.0950 B	0.140 B	NA	0.0260 B
Nickel	16.0	14.0	22.0	NA	13.0
Selenium	1.30	ND(1.00)	1.20	NA	1.40 B
Silver	ND(1.10)	0.150 B	ND(1.10)	NA	ND(1.40)
Sulfide	ND(7.20)	ND(7.00)	19.0	NA	46.0
Thallium	ND(1.40)	ND(1.40)	1.40 B	NA	ND(1.90)
Tin	5.40 B	4.60 B	5.10 B	NA	5.80 B
Vanadium	16.0	16.0	22.0	NA	10.0
Zinc	76.0	67.0	76.0	NA	46.0

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA10-E-R19 0-1 06/02/04	RAA10-E-R20 1-3 06/16/04	RAA10-E-R20 3-6 06/16/04	RAA10-E-R20 4-6 06/16/04	RAA10-E-R21 0-1 06/02/04
Volatile Organics					
Acetone	ND(0.033)	ND(0.026)	NA	ND(0.025)	ND(0.027)
Benzene	ND(0.0082)	ND(0.0066)	NA	ND(0.0063)	ND(0.0066)
Chlorobenzene	ND(0.0082)	ND(0.0066)	NA	ND(0.0063)	ND(0.0066)
Ethylbenzene	ND(0.0082)	ND(0.0066)	NA	ND(0.0063)	ND(0.0066)
Toluene	ND(0.0082)	ND(0.0066)	NA	ND(0.0063)	ND(0.0066)
Trichloroethene	ND(0.0082)	ND(0.0066)	NA	ND(0.0063)	ND(0.0066)
Trichlorofluoromethane	ND(0.0082)	ND(0.0066)	NA	ND(0.0063)	ND(0.0066)
Xylenes (total)	ND(0.0082)	ND(0.0066)	NA	ND(0.0063)	ND(0.0066)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
1,2,4-Trichlorobenzene	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
1,2-Dichlorobenzene	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
1,3-Dichlorobenzene	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
1,4-Dichlorobenzene	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
2,4-Dimethylphenol	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
2,4-Dinitrotoluene	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
2-Methylnaphthalene	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
2-Methylphenol	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
Acenaphthene	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
Acenaphthylene	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
Aniline	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
Anthracene	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
Benzidine	ND(1.1)	ND(1.1)	ND(0.98)	NA	ND(0.89)
Benzo(a)anthracene	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
Benzo(a)pyrene	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
Benzo(b)fluoranthene	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
Benzo(g,h,i)perylene	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
Benzo(k)fluoranthene	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
bis(2-Ethylhexyl)phthalate	ND(0.54)	ND(0.43)	ND(0.44)	NA	ND(0.44)
Butylbenzylphthalate	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
Chrysene	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
Dibenzo(a,h)anthracene	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
Dibenzofuran	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
Diethylphthalate	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
Fluoranthene	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
Fluorene	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
Indeno(1,2,3-cd)pyrene	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
Naphthalene	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
Phenanthrene	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
Phenol	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
Pyrene	ND(0.54)	ND(0.57)	ND(0.49)	NA	ND(0.44)
Organochlorine Pesticides					
Technical Chlordane	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 JUNE 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-R19 0-1 06/02/04	RAA10-E-R20 1-3 06/16/04	RAA10-E-R20 3-6 06/16/04	RAA10-E-R20 4-6 06/16/04	RAA10-E-R21 0-1 06/02/04
Furans						
2,3,7,8-TCDF		0.00000089 J	0.00000044 J	0.00000027 J	NA	ND(0.00000026)
TCDFs (total)		0.0000014 J	0.00000044 J	0.00000027 J	NA	ND(0.00000026)
1,2,3,7,8-PeCDF		ND(0.00000067)	ND(0.00000065)	ND(0.00000056)	NA	ND(0.00000061)
2,3,4,7,8-PeCDF		ND(0.00000067)	ND(0.00000065)	ND(0.00000056)	NA	ND(0.00000061)
PeCDFs (total)		0.0000020 J	ND(0.00000065)	ND(0.00000056)	NA	ND(0.00000061)
1,2,3,4,7,8-HxCDF		ND(0.00000067)	ND(0.00000065)	ND(0.00000056)	NA	ND(0.00000061)
1,2,3,6,7,8-HxCDF		ND(0.00000067)	ND(0.00000065)	ND(0.00000056)	NA	ND(0.00000061)
1,2,3,7,8,9-HxCDF		ND(0.00000067)	ND(0.00000065)	ND(0.00000056)	NA	ND(0.00000061)
2,3,4,6,7,8-HxCDF		ND(0.00000067)	ND(0.00000065)	ND(0.00000056)	NA	ND(0.00000061)
HxCDFs (total)		0.0000039 J	ND(0.00000065)	ND(0.00000056)	NA	ND(0.00000061)
1,2,3,4,6,7,8-HpCDF		0.0000079	0.0000012 J	ND(0.00000056)	NA	0.0000016 J
1,2,3,4,7,8,9-HpCDF		ND(0.00000067)	ND(0.00000065)	ND(0.00000056)	NA	ND(0.00000061)
HpCDFs (total)		0.000013	0.0000020 J	ND(0.00000056)	NA	0.0000028 J
OCDF		0.0000043 J	ND(0.0000013)	ND(0.0000011)	NA	ND(0.0000012)
Dioxins						
2,3,7,8-TCDD		ND(0.00000028)	0.00000027 J	ND(0.00000022)	NA	ND(0.00000027)
TCDDs (total)		ND(0.00000086)	ND(0.00000086)	ND(0.00000063)	NA	ND(0.00000060)
1,2,3,7,8-PeCDD		ND(0.00000067)	ND(0.00000065)	ND(0.00000056)	NA	ND(0.00000061)
PeCDDs (total)		ND(0.0000010)	ND(0.00000095)	ND(0.00000079)	NA	ND(0.00000096)
1,2,3,4,7,8-HxCDD		ND(0.00000067)	ND(0.00000065)	ND(0.00000056)	NA	ND(0.00000061)
1,2,3,6,7,8-HxCDD		ND(0.00000067)	ND(0.00000065)	ND(0.00000056)	NA	ND(0.00000061)
1,2,3,7,8,9-HxCDD		ND(0.00000067)	ND(0.00000065)	ND(0.00000056)	NA	ND(0.00000061)
HxCDDs (total)		ND(0.00000067)	ND(0.00000065)	ND(0.00000099)	NA	ND(0.0000011)
1,2,3,4,6,7,8-HpCDD		0.0000024 J	0.00000092 J	ND(0.00000056)	NA	ND(0.00000082) X
HpCDDs (total)		0.0000040 J	0.0000016 J	ND(0.00000056)	NA	ND(0.00000061)
OCDD		0.000019	0.0000054 J	0.0000014 J	NA	0.0000044 J
Total TEQs (WHO TEFs)		0.0000011	0.0000011	0.00000078	NA	0.00000086
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	NA	ND(6.00)
Arsenic		3.30	3.90	3.60	NA	1.40
Barium		70.0	54.0	55.0	NA	47.0
Beryllium		0.670	0.670	0.550	NA	0.520
Cadmium		0.300 B	0.450 B	0.450 B	NA	ND(0.500)
Chromium		20.0	14.0	12.0	NA	13.0
Cobalt		7.00	11.0	12.0	NA	8.30
Copper		16.0	14.0	13.0	NA	7.80
Cyanide		0.150 B	0.0290 B	ND(0.130)	NA	0.0530 B
Lead		20.0	8.40	6.40	NA	6.80
Mercury		0.100 B	0.0170 B	ND(0.130)	NA	0.0530 B
Nickel		15.0	19.0	15.0	NA	14.0
Selenium		0.860 B	0.710 B	1.10	NA	0.640 B
Silver		ND(1.20)	ND(1.00)	ND(1.00)	NA	ND(1.00)
Sulfide		21.0	6.30 B	ND(6.70)	NA	15.0
Thallium		ND(1.60)	ND(1.30)	ND(1.30)	NA	ND(1.30)
Tin		6.00 B	4.50 B	3.80 B	NA	4.20 B
Vanadium		16.0	17.0	14.0	NA	12.0
Zinc		65.0	70.0	59.0	NA	64.0

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-R24 1-3 06/02/04	RAA10-E-R24 3-6 06/02/04	RAA10-E-R24 4-6 06/02/04	RAA10-E-R24 6-8 06/02/04
Volatile Organics					
Acetone		ND(0.027)	NA	ND(0.025) [ND(0.025)]	0.035 J
Benzene		ND(0.0067)	NA	ND(0.0062) [ND(0.0062)]	ND(0.0087)
Chlorobenzene		ND(0.0067)	NA	ND(0.0062) [ND(0.0062)]	ND(0.0087)
Ethylbenzene		ND(0.0067)	NA	ND(0.0062) [ND(0.0062)]	ND(0.0087)
Toluene		ND(0.0067)	NA	ND(0.0062) [ND(0.0062)]	ND(0.0087)
Trichloroethene		ND(0.0067)	NA	ND(0.0062) [ND(0.0062)]	ND(0.0087)
Trichlorofluoromethane		ND(0.0067)	NA	ND(0.0062) [ND(0.0062)]	ND(0.0087)
Xylenes (total)		ND(0.0067)	NA	ND(0.0062) [ND(0.0062)]	ND(0.0087)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
1,2,4-Trichlorobenzene		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
1,2-Dichlorobenzene		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
1,3-Dichlorobenzene		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
1,4-Dichlorobenzene		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
2,4-Dimethylphenol		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
2,4-Dinitrotoluene		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
2-Methylnaphthalene		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
2-Methylphenol		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
Acenaphthene		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
Acenaphthylene		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
Aniline		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
Anthracene		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
Benzidine		ND(0.90) [ND(0.88)]	ND(0.90)	NA	NA
Benzo(a)anthracene		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
Benzo(a)pyrene		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
Benzo(b)fluoranthene		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
Benzo(g,h,i)perylene		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
Benzo(k)fluoranthene		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
bis(2-Ethylhexyl)phthalate		ND(0.44) [ND(0.43)]	ND(0.44)	NA	NA
Butylbenzylphthalate		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
Chrysene		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
Dibenzo(a,h)anthracene		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
Dibenzofuran		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
Diethylphthalate		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
Fluoranthene		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
Fluorene		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
Indeno(1,2,3-cd)pyrene		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
Naphthalene		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
Phenanthrene		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
Phenol		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
Pyrene		ND(0.45) [ND(0.44)]	ND(0.45)	NA	NA
Organochlorine Pesticides					
Technical Chlordane		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 JUNE 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-R24 1-3 06/02/04	RAA10-E-R24 3-6 06/02/04	RAA10-E-R24 4-6 06/02/04	RAA10-E-R24 6-8 06/02/04
Furans					
2,3,7,8-TCDF		0.00000066 J	ND(0.00000045)	NA	NA
TCDFs (total)		0.000036	ND(0.00000045)	NA	NA
1,2,3,7,8-PeCDF		ND(0.00000091)	ND(0.00000065)	NA	NA
2,3,4,7,8-PeCDF		0.000011	ND(0.00000065)	NA	NA
PeCDFs (total)		0.00012	0.0000026 J	NA	NA
1,2,3,4,7,8-HxCDF		0.0000016 J	ND(0.0000010)	NA	NA
1,2,3,6,7,8-HxCDF		0.0000020 J	ND(0.00000096)	NA	NA
1,2,3,7,8,9-HxCDF		ND(0.0000018)	ND(0.0000012)	NA	NA
2,3,4,6,7,8-HxCDF		0.0000048 J	ND(0.0000010)	NA	NA
HxCDFs (total)		0.000064	ND(0.0000010)	NA	NA
1,2,3,4,6,7,8-HpCDF		0.0000041 J	ND(0.00000063)	NA	NA
1,2,3,4,7,8,9-HpCDF		ND(0.00000092)	ND(0.00000071)	NA	NA
HpCDFs (total)		0.0000083	ND(0.00000063)	NA	NA
OCDF		ND(0.0000024)	ND(0.0000025)	NA	NA
Dioxins					
2,3,7,8-TCDD		ND(0.00000035)	ND(0.00000049)	NA	NA
TCDDs (total)		ND(0.00000064)	ND(0.00000049)	NA	NA
1,2,3,7,8-PeCDD		0.0000014 J	ND(0.00000063)	NA	NA
PeCDDs (total)		0.000018	ND(0.00000097)	NA	NA
1,2,3,4,7,8-HxCDD		ND(0.0000017)	ND(0.0000016)	NA	NA
1,2,3,6,7,8-HxCDD		ND(0.0000041) X	ND(0.0000015)	NA	NA
1,2,3,7,8,9-HxCDD		0.0000023 J	ND(0.0000015)	NA	NA
HxCDDs (total)		0.000040	ND(0.0000015)	NA	NA
1,2,3,4,6,7,8-HpCDD		0.0000082	ND(0.00000094)	NA	NA
HpCDDs (total)		0.000019	ND(0.00000094)	NA	NA
OCDD		0.000020	ND(0.0000066)	NA	NA
Total TEQs (WHO TEFs)		0.0000087	0.0000012	NA	NA
Inorganics					
Antimony		ND(6.00)	ND(6.00) [ND(6.00)]	NA	NA
Arsenic		1.70	2.40 [1.50]	NA	NA
Barium		40.0	39.0 [39.0]	NA	NA
Beryllium		0.580	0.490 B [0.530]	NA	NA
Cadmium		0.250 B	0.430 B [0.430 B]	NA	NA
Chromium		13.0	10.0 [10.0]	NA	NA
Cobalt		7.00	8.30 [8.80]	NA	NA
Copper		11.0	14.0 [14.0]	NA	NA
Cyanide		0.0710 B	ND(0.270) [ND(0.130)]	NA	NA
Lead		7.70	5.30 [5.10]	NA	NA
Mercury		0.0310 B	0.0100 B [0.0180 B]	NA	NA
Nickel		14.0	14.0 [14.0]	NA	NA
Selenium		ND(1.00)	ND(1.00) [1.40]	NA	NA
Silver		ND(1.00)	ND(1.00) [ND(1.00)]	NA	NA
Sulfide		ND(6.70)	ND(6.70) [ND(6.70)]	NA	NA
Thallium		ND(1.30)	ND(1.30) [ND(1.30)]	NA	NA
Tin		4.40 B	4.50 B [4.10 B]	NA	NA
Vanadium		12.0	12.0 [12.0]	NA	NA
Zinc		67.0	46.0 [48.0]	NA	NA

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-R24 6-15 06/02/04	RAA10-E-S16 0-1 06/04/04	RAA10-E-S18 0-1 06/02/04	RAA10-E-S23 0-1 06/02/04
Volatile Organics					
Acetone		NA	ND(0.039)	ND(0.022)	ND(0.030)
Benzene		NA	ND(0.0099)	ND(0.0055)	ND(0.0075)
Chlorobenzene		NA	ND(0.0099)	ND(0.0055)	ND(0.0075)
Ethylbenzene		NA	ND(0.0099)	ND(0.0055)	ND(0.0075)
Toluene		NA	ND(0.0099)	ND(0.0055)	ND(0.0075)
Trichloroethene		NA	ND(0.0099)	ND(0.0055)	ND(0.0075)
Trichlorofluoromethane		NA	ND(0.0099)	ND(0.0055)	ND(0.0075)
Xylenes (total)		NA	ND(0.0099)	ND(0.0055)	ND(0.0075)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
1,2,4-Trichlorobenzene		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
1,2-Dichlorobenzene		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
1,3-Dichlorobenzene		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
1,4-Dichlorobenzene		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
2,4-Dimethylphenol		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
2,4-Dinitrotoluene		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
2-Methylnaphthalene		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
2-Methylphenol		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
Acenaphthene		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
Acenaphthylene		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
Aniline		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
Anthracene		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
Benzidine		ND(0.91)	ND(1.3)	ND(0.74)	ND(1.0)
Benzo(a)anthracene		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
Benzo(a)pyrene		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
Benzo(b)fluoranthene		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
Benzo(g,h,i)perylene		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
Benzo(k)fluoranthene		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
bis(2-Ethylhexyl)phthalate		ND(0.45)	ND(0.65)	ND(0.36)	ND(0.50)
Butylbenzylphthalate		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
Chrysene		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
Dibenzo(a,h)anthracene		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
Dibenzofuran		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
Diethylphthalate		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
Fluoranthene		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
Fluorene		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
Indeno(1,2,3-cd)pyrene		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
Naphthalene		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
Phenanthrene		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
Phenol		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
Pyrene		ND(0.45)	ND(0.66)	ND(0.37)	ND(0.50)
Organochlorine Pesticides					
Technical Chlordane		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 JUNE 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-R24 6-15 06/02/04	RAA10-E-S16 0-1 06/04/04	RAA10-E-S18 0-1 06/02/04	RAA10-E-S23 0-1 06/02/04
Furans					
2,3,7,8-TCDF		ND(0.00000039) [ND(0.00000026)]	NA	0.00000076 J	0.00000099 J
TCDFs (total)		ND(0.00000039) [ND(0.00000026)]	NA	0.0000038	0.0000052
1,2,3,7,8-PeCDF		ND(0.00000058) [ND(0.00000066)]	NA	ND(0.00000066)	ND(0.00000065)
2,3,4,7,8-PeCDF		ND(0.00000058) [ND(0.00000066)]	NA	ND(0.00000066)	0.00000081 J
PeCDFs (total)		ND(0.00000058) [ND(0.00000066)]	NA	0.0000023 J	0.0000024 J
1,2,3,4,7,8-HxCDF		ND(0.00000059) [ND(0.00000066)]	NA	ND(0.00000066)	ND(0.00000065)
1,2,3,6,7,8-HxCDF		ND(0.00000058) [ND(0.00000066)]	NA	ND(0.00000066)	ND(0.00000065)
1,2,3,7,8,9-HxCDF		ND(0.00000070) [ND(0.00000066)]	NA	ND(0.00000066)	ND(0.00000065)
2,3,4,6,7,8-HxCDF		ND(0.00000058) [ND(0.00000066)]	NA	ND(0.00000066)	ND(0.00000065)
HxCDFs (total)		ND(0.00000060) [ND(0.00000066)]	NA	0.0000043 J	0.000013
1,2,3,4,6,7,8-HpCDF		ND(0.00000071) [ND(0.00000066)]	NA	0.0000065 J	0.000025
1,2,3,4,7,8,9-HpCDF		ND(0.00000092) [ND(0.00000066)]	NA	ND(0.00000066)	ND(0.00000065)
HpCDFs (total)		ND(0.00000080) [ND(0.00000066)]	NA	0.000011	0.000042
OCDF		ND(0.0000022) [ND(0.0000013)]	NA	0.0000036 J	0.0000096 J
Dioxins					
2,3,7,8-TCDD		ND(0.00000040) [ND(0.00000027)]	NA	ND(0.00000035)	ND(0.00000031)
TCDDs (total)		ND(0.00000045) [ND(0.00000073)]	NA	ND(0.00000075)	ND(0.00000070)
1,2,3,7,8-PeCDD		ND(0.00000058) [ND(0.00000066)]	NA	ND(0.00000066)	ND(0.00000065)
PeCDDs (total)		ND(0.00000078) [ND(0.0000011)]	NA	ND(0.00000066)	ND(0.00000095)
1,2,3,4,7,8-HxCDD		ND(0.0000012) [ND(0.00000066)]	NA	ND(0.00000066)	ND(0.00000065)
1,2,3,6,7,8-HxCDD		ND(0.0000012) [ND(0.00000066)]	NA	ND(0.00000066)	ND(0.00000065)
1,2,3,7,8,9-HxCDD		ND(0.0000012) [ND(0.00000066)]	NA	ND(0.00000066)	ND(0.00000065)
HxCDDs (total)		ND(0.0000012) [ND(0.00000066)]	NA	ND(0.00000066)	ND(0.0000012)
1,2,3,4,6,7,8-HpCDD		ND(0.0000011) [ND(0.00000066)]	NA	0.0000029 J	0.0000039 J
HpCDDs (total)		ND(0.0000011) [ND(0.00000066)]	NA	0.0000050 J	0.0000062 J
OCDD		ND(0.0000064) [0.0000018 J]	NA	0.000021	0.000026
Total TEQs (WHO TEFs)		0.00000099 [0.00000090]	NA	0.0000011	0.0000015
Inorganics					
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		1.90	4.70	2.30	2.30
Barium		19.0 B	81.0	68.0	63.0
Beryllium		0.310 B	0.860	0.720	0.650
Cadmium		0.160 B	0.670	ND(0.500)	0.260 B
Chromium		6.40	160	15.0	16.0
Cobalt		4.90 B	8.70	7.90	7.90
Copper		7.10	43.0	12.0	11.0
Cyanide		ND(0.140)	0.190 B	0.0270 B	0.0890 B
Lead		3.60	31.0	8.00	12.0
Mercury		ND(0.140)	0.330	0.0500 B	0.0910 B
Nickel		8.40	21.0	17.0	15.0
Selenium		0.680 B	2.50	0.830 B	ND(1.10)
Silver		ND(1.00)	ND(1.50)	ND(1.00)	ND(1.10)
Sulfide		26.0	16.0	6.60 B	12.0
Thallium		ND(1.40)	ND(2.00)	1.50	1.50 B
Tin		4.50 B	7.40 B	3.70 B	5.40 B
Vanadium		7.00	19.0	18.0	16.0
Zinc		28.0	80.0	58.0	73.0

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-T18 0-1 06/11/04	RAA10-E-T20 0-1 06/14/04	RAA10-E-T22 1-3 06/09/04	RAA10-E-T22 3-4 06/09/04	RAA10-E-T22 3-6 06/09/04
Volatile Organics						
Acetone		ND(0.030)	ND(0.028)	ND(0.025)	0.010 J	NA
Benzene		ND(0.0076)	ND(0.0071)	ND(0.0063)	ND(0.0061)	NA
Chlorobenzene		ND(0.0076)	ND(0.0071)	ND(0.0063)	ND(0.0061)	NA
Ethylbenzene		ND(0.0076)	ND(0.0071)	ND(0.0063)	ND(0.0061)	NA
Toluene		ND(0.0076)	ND(0.0071)	ND(0.0063)	ND(0.0061)	NA
Trichloroethene		ND(0.0076)	ND(0.0071)	ND(0.0063)	ND(0.0061)	NA
Trichlorofluoromethane		ND(0.0076)	ND(0.0071)	ND(0.0063)	ND(0.0061)	NA
Xylenes (total)		ND(0.0076)	ND(0.0071)	ND(0.0063)	ND(0.0061)	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
1,2,4-Trichlorobenzene		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
1,2-Dichlorobenzene		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
1,3-Dichlorobenzene		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
1,4-Dichlorobenzene		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
2,4-Dimethylphenol		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
2,4-Dinitrotoluene		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
2-Methylnaphthalene		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
2-Methylphenol		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
Acenaphthene		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
Acenaphthylene		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
Aniline		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
Anthracene		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
Benzidine		ND(1.0)	ND(0.95)	ND(0.85)	NA	ND(0.90)
Benzo(a)anthracene		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
Benzo(a)pyrene		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
Benzo(b)fluoranthene		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
Benzo(g,h,i)perylene		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
Benzo(k)fluoranthene		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
bis(2-Ethylhexyl)phthalate		ND(0.50)	ND(0.47)	0.52	NA	ND(0.44)
Butylbenzylphthalate		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
Chrysene		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
Dibenzo(a,h)anthracene		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
Dibenzofuran		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
Diethylphthalate		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
Fluoranthene		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
Fluorene		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
Indeno(1,2,3-cd)pyrene		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
Naphthalene		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
Phenanthrene		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
Phenol		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
Pyrene		ND(0.51)	ND(0.47)	ND(0.42)	NA	ND(0.45)
Organochlorine Pesticides						
Technical Chlordane		ND(0.13)	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 JUNE 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-T18 0-1 06/11/04	RAA10-E-T20 0-1 06/14/04	RAA10-E-T22 1-3 06/09/04	RAA10-E-T22 3-4 06/09/04	RAA10-E-T22 3-6 06/09/04
Furans						
2,3,7,8-TCDF		0.0000029 Y	0.0000041 Y	0.00000032 J	NA	ND(0.00000039) X
TCDFs (total)		0.000021	0.000027	0.00000032 J	NA	ND(0.00000024)
1,2,3,7,8-PeCDF		0.00000085 J	0.0000035 J	ND(0.00000061)	NA	ND(0.00000061)
2,3,4,7,8-PeCDF		0.0000020 J	0.0000038 J	ND(0.00000061)	NA	ND(0.00000061)
PeCDFs (total)		0.000022	0.000030	ND(0.00000061)	NA	ND(0.00000061)
1,2,3,4,7,8-HxCDF		0.0000013 J	0.0000044 J	ND(0.00000061)	NA	ND(0.00000061)
1,2,3,6,7,8-HxCDF		ND(0.00000093) X	0.0000035 J	ND(0.00000061)	NA	ND(0.00000061)
1,2,3,7,8,9-HxCDF		ND(0.00000070)	0.0000025 J	ND(0.00000061)	NA	ND(0.00000061)
2,3,4,6,7,8-HxCDF		0.0000011 J	0.0000024 J	ND(0.00000061)	NA	ND(0.00000061)
HxCDFs (total)		0.000028	0.000043	ND(0.00000061)	NA	ND(0.00000061)
1,2,3,4,6,7,8-HpCDF		0.000034	0.000048	ND(0.00000061)	NA	ND(0.00000061)
1,2,3,4,7,8,9-HpCDF		ND(0.00000070)	0.0000024 J	ND(0.00000061)	NA	ND(0.00000061)
HpCDFs (total)		0.000057	0.000084	ND(0.00000061)	NA	ND(0.00000061)
OCDF		0.000015	0.000028	ND(0.0000012)	NA	ND(0.0000012)
Dioxins						
2,3,7,8-TCDD		ND(0.00000037)	0.00000075 J	ND(0.00000028)	NA	ND(0.00000034)
TCDDs (total)		ND(0.00000087)	ND(0.00000075)	ND(0.00000074)	NA	ND(0.00000072)
1,2,3,7,8-PeCDD		ND(0.00000070)	0.0000026 J	ND(0.00000061)	NA	ND(0.00000061)
PeCDDs (total)		ND(0.00000070)	0.0000035 J	ND(0.00000099)	NA	ND(0.0000010)
1,2,3,4,7,8-HxCDD		ND(0.00000072) X	0.0000028 J	ND(0.00000061)	NA	ND(0.00000061)
1,2,3,6,7,8-HxCDD		ND(0.00000070)	0.0000036 J	ND(0.00000061)	NA	ND(0.00000061)
1,2,3,7,8,9-HxCDD		ND(0.00000070)	0.0000022 J	ND(0.00000061)	NA	ND(0.00000061)
HxCDDs (total)		0.0000020 J	0.000011	ND(0.0000011)	NA	ND(0.0000012)
1,2,3,4,6,7,8-HpCDD		0.000011	0.000017	ND(0.00000061)	NA	ND(0.00000061)
HpCDDs (total)		0.000020	0.000027	ND(0.00000061)	NA	ND(0.00000061)
OCDD		0.00011	0.00012	0.0000038 J	NA	0.0000017 J
Total TEQs (WHO TEFs)		0.0000028	0.0000087	0.00000087	NA	0.00000089
Inorganics						
Antimony		ND(6.00)	1.00 B	ND(6.00)	NA	ND(6.00)
Arsenic		3.20	3.20	1.40	NA	1.90
Barium		75.0	60.0	44.0	NA	28.0
Beryllium		0.440 B	0.490 B	0.590	NA	0.390 B
Cadmium		0.540	0.320 B	0.410 B	NA	0.290 B
Chromium		17.0	17.0	12.0	NA	8.20
Cobalt		7.40	8.90	8.60	NA	7.90
Copper		17.0	14.0	10.0	NA	9.00
Cyanide		0.120 B	0.0660 B	ND(0.130)	NA	0.0260 B
Lead		21.0	17.0	6.30	NA	4.20
Mercury		0.150 B	0.110 B	ND(0.130)	NA	0.0190 B
Nickel		13.0	14.0	14.0	NA	12.0
Selenium		ND(1.10)	ND(1.10)	0.830 B	NA	1.00
Silver		ND(1.10)	ND(1.10)	ND(1.00)	NA	ND(1.00)
Sulfide		9.70	6.80 B	6.10 B	NA	8.60
Thallium		ND(1.50)	ND(1.40)	1.00 B	NA	ND(1.30)
Tin		5.60 B	5.50 B	3.90 B	NA	4.50 B
Vanadium		12.0	16.0	12.0	NA	10.0
Zinc		67.0	72.0	59.0	NA	36.0

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-T23 0-1 06/04/04	RAA10-E-U21 0-1 06/04/04	RAA10-E-V16 0-1 06/15/04	RAA10-E-V18 1-3 06/15/04	RAA10-E-V18 3-6 06/15/04
Volatile Organics						
Acetone		ND(0.028)	0.021 J	ND(0.028)	ND(0.027)	NA
Benzene		ND(0.0070)	ND(0.0071)	ND(0.0070)	ND(0.0067)	NA
Chlorobenzene		ND(0.0070)	ND(0.0071)	ND(0.0070)	ND(0.0067)	NA
Ethylbenzene		ND(0.0070)	ND(0.0071)	ND(0.0070)	ND(0.0067)	NA
Toluene		ND(0.0070)	ND(0.0071)	ND(0.0070)	ND(0.0067)	NA
Trichloroethene		ND(0.0070)	ND(0.0071)	ND(0.0070)	ND(0.0067)	NA
Trichlorofluoromethane		ND(0.0070)	ND(0.0071)	ND(0.0070)	ND(0.0067)	NA
Xylenes (total)		ND(0.0070)	ND(0.0071)	ND(0.0070)	ND(0.0067)	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
1,2,4-Trichlorobenzene		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
1,2-Dichlorobenzene		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
1,3-Dichlorobenzene		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
1,4-Dichlorobenzene		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
2,4-Dimethylphenol		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
2,4-Dinitrotoluene		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
2-Methylnaphthalene		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
2-Methylphenol		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
Acenaphthene		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
Acenaphthylene		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
Aniline		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
Anthracene		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
Benzidine		ND(0.94)	ND(0.95)	ND(0.94)	ND(0.90)	ND(0.90)
Benzo(a)anthracene		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
Benzo(a)pyrene		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
Benzo(b)fluoranthene		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
Benzo(g,h,i)perylene		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
Benzo(k)fluoranthene		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
bis(2-Ethylhexyl)phthalate		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.44)	ND(0.44)
Butylbenzylphthalate		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
Chrysene		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
Dibenzo(a,h)anthracene		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
Dibenzofuran		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
Diethylphthalate		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
Fluoranthene		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
Fluorene		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
Indeno(1,2,3-cd)pyrene		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
Naphthalene		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
Phenanthrene		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
Phenol		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
Pyrene		ND(0.46)	ND(0.47)	ND(0.46)	ND(0.45)	ND(0.45)
Organochlorine Pesticides						
Technical Chlordane		NA	NA	0.21	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 JUNE 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-T23 0-1 06/04/04	RAA10-E-U21 0-1 06/04/04	RAA10-E-V16 0-1 06/15/04	RAA10-E-V18 1-3 06/15/04	RAA10-E-V18 3-6 06/15/04
Furans						
2,3,7,8-TCDF		0.0000036 Y	NA	0.0000011 J	NA	NA
TCDFs (total)		0.000022	NA	0.0000058	NA	NA
1,2,3,7,8-PeCDF		0.0000012 J	NA	ND(0.00000065)	NA	NA
2,3,4,7,8-PeCDF		0.0000027 J	NA	0.00000086 J	NA	NA
PeCDFs (total)		0.000021	NA	0.0000063 J	NA	NA
1,2,3,4,7,8-HxCDF		0.0000027 J	NA	ND(0.00000065)	NA	NA
1,2,3,6,7,8-HxCDF		ND(0.0000012) X	NA	ND(0.00000065)	NA	NA
1,2,3,7,8,9-HxCDF		ND(0.00000072) X	NA	ND(0.00000065)	NA	NA
2,3,4,6,7,8-HxCDF		0.0000016 J	NA	ND(0.00000065)	NA	NA
HxCDFs (total)		0.000068	NA	0.0000087	NA	NA
1,2,3,4,6,7,8-HpCDF		0.00012	NA	0.000020	NA	NA
1,2,3,4,7,8,9-HpCDF		0.0000012 J	NA	ND(0.00000065)	NA	NA
HpCDFs (total)		0.00021	NA	0.000031	NA	NA
OCDF		0.000052	NA	0.000011 J	NA	NA
Dioxins						
2,3,7,8-TCDD		ND(0.00000028) X	NA	ND(0.00000031)	NA	NA
TCDDs (total)		ND(0.00000081)	NA	ND(0.00000071)	NA	NA
1,2,3,7,8-PeCDD		ND(0.00000064)	NA	ND(0.00000065)	NA	NA
PeCDDs (total)		0.0000026 J	NA	ND(0.00000095)	NA	NA
1,2,3,4,7,8-HxCDD		ND(0.00000064)	NA	ND(0.00000065)	NA	NA
1,2,3,6,7,8-HxCDD		0.0000014 J	NA	ND(0.00000065)	NA	NA
1,2,3,7,8,9-HxCDD		ND(0.00000064)	NA	ND(0.00000065)	NA	NA
HxCDDs (total)		0.0000048 J	NA	ND(0.0000012)	NA	NA
1,2,3,4,6,7,8-HpCDD		0.000020	NA	0.0000039 J	NA	NA
HpCDDs (total)		0.000033	NA	0.0000068	NA	NA
OCDD		0.00017	NA	0.000029	NA	NA
Total TEQs (WHO TEFs)		0.0000044	NA	0.0000015	NA	NA
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	1.20 B	0.960 B
Arsenic		3.00	2.60	1.90	4.90	2.80
Barium		65.0	66.0	84.0	89.0	73.0
Beryllium		0.590	0.560	0.490 B	0.670	0.480 B
Cadmium		0.460 B	0.440 B	0.510	0.620	0.580
Chromium		18.0	17.0	18.0	19.0	14.0
Cobalt		9.30	8.80	7.40	10.0	8.80
Copper		14.0	15.0	15.0	19.0	22.0
Cyanide		0.160	0.0780 B	0.0840 B	0.0310 B	ND(0.130)
Lead		16.0	15.0	13.0	9.60	7.00
Mercury		0.130 B	0.0520 B	0.120 B	0.0520 B	0.0340 B
Nickel		15.0	15.0	15.0	21.0	15.0
Selenium		1.60	1.40	ND(1.00)	ND(1.00)	ND(1.00)
Silver		ND(1.00)	ND(1.10)	0.390 B	0.460 B	0.660 B
Sulfide		ND(7.00)	9.10	6.70 B	ND(6.70)	ND(6.70)
Thallium		ND(1.40)	ND(1.40)	ND(1.40)	ND(1.30)	ND(1.30)
Tin		5.60 B	5.00 B	4.00 B	4.80 B	4.90 B
Vanadium		15.0	14.0	13.0	21.0	15.0
Zinc		73.0	66.0	81.0	84.0	65.0

TABLE 7-3
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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-V18 4-6 06/15/04	RAA10-E-V19 0-1 06/04/04	RAA10-E-V20 6-15 06/14/04	RAA10-E-V20 8-10 06/14/04	RAA10-E-V22 0-1 06/14/04
Volatile Organics						
Acetone		ND(0.024)	ND(0.028)	NA	ND(0.026)	ND(0.030)
Benzene		ND(0.0060)	ND(0.0071)	NA	ND(0.0064)	ND(0.0074)
Chlorobenzene		ND(0.0060)	ND(0.0071)	NA	ND(0.0064)	ND(0.0074)
Ethylbenzene		ND(0.0060)	ND(0.0071)	NA	ND(0.0064)	ND(0.0074)
Toluene		ND(0.0060)	ND(0.0071)	NA	ND(0.0064)	ND(0.0074)
Trichloroethene		ND(0.0060)	ND(0.0071)	NA	ND(0.0064)	ND(0.0074)
Trichlorofluoromethane		ND(0.0060)	ND(0.0071)	NA	ND(0.0064)	ND(0.0074)
Xylenes (total)		ND(0.0060)	ND(0.0071)	NA	ND(0.0064)	ND(0.0074)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
1,2,4-Trichlorobenzene		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
1,2-Dichlorobenzene		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
1,3-Dichlorobenzene		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
1,4-Dichlorobenzene		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
2,4-Dimethylphenol		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
2,4-Dinitrotoluene		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
2-Methylnaphthalene		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
2-Methylphenol		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
Acenaphthene		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
Acenaphthylene		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
Aniline		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
Anthracene		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
Benzidine		NA	ND(0.95)	ND(1.2)	NA	ND(0.99)
Benzo(a)anthracene		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
Benzo(a)pyrene		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
Benzo(b)fluoranthene		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
Benzo(g,h,i)perylene		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
Benzo(k)fluoranthene		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
bis(2-Ethylhexyl)phthalate		NA	ND(0.47)	ND(0.61)	NA	ND(0.49)
Butylbenzylphthalate		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
Chrysene		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
Dibenzo(a,h)anthracene		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
Dibenzofuran		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
Diethylphthalate		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
Fluoranthene		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
Fluorene		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
Indeno(1,2,3-cd)pyrene		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
Naphthalene		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
Phenanthrene		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
Phenol		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
Pyrene		NA	ND(0.47)	ND(0.62)	NA	ND(0.49)
Organochlorine Pesticides						
Technical Chlordane		NA	ND(0.12)	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 JUNE 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-V18 4-6 06/15/04	RAA10-E-V19 0-1 06/04/04	RAA10-E-V20 6-15 06/14/04	RAA10-E-V20 8-10 06/14/04	RAA10-E-V22 0-1 06/14/04
Furans						
2,3,7,8-TCDF		NA	0.0000025 Y	NA	NA	NA
TCDFs (total)		NA	0.000017	NA	NA	NA
1,2,3,7,8-PeCDF		NA	0.00000088 J	NA	NA	NA
2,3,4,7,8-PeCDF		NA	0.0000020 J	NA	NA	NA
PeCDFs (total)		NA	0.000017	NA	NA	NA
1,2,3,4,7,8-HxCDF		NA	0.0000021 J	NA	NA	NA
1,2,3,6,7,8-HxCDF		NA	0.0000012 J	NA	NA	NA
1,2,3,7,8,9-HxCDF		NA	ND(0.00000061)	NA	NA	NA
2,3,4,6,7,8-HxCDF		NA	0.0000013 J	NA	NA	NA
HxCDFs (total)		NA	0.000029	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		NA	0.000036	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		NA	0.00000072 J	NA	NA	NA
HpCDFs (total)		NA	0.000061	NA	NA	NA
OCDF		NA	0.000018	NA	NA	NA
Dioxins						
2,3,7,8-TCDD		NA	ND(0.00000026)	NA	NA	NA
TCDDs (total)		NA	ND(0.00000068)	NA	NA	NA
1,2,3,7,8-PeCDD		NA	ND(0.00000061)	NA	NA	NA
PeCDDs (total)		NA	0.00000074 J	NA	NA	NA
1,2,3,4,7,8-HxCDD		NA	ND(0.00000061)	NA	NA	NA
1,2,3,6,7,8-HxCDD		NA	0.00000072 J	NA	NA	NA
1,2,3,7,8,9-HxCDD		NA	ND(0.00000061)	NA	NA	NA
HxCDDs (total)		NA	0.0000020 J	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		NA	0.0000093	NA	NA	NA
HpCDDs (total)		NA	0.000016	NA	NA	NA
OCDD		NA	0.000066	NA	NA	NA
Total TEQs (WHO TEFs)		NA	0.0000028	NA	NA	NA
Inorganics						
Antimony		NA	ND(6.00)	ND(6.00)	NA	1.60 B
Arsenic		NA	2.40	3.30	NA	2.40
Barium		NA	84.0	59.0	NA	82.0
Beryllium		NA	0.900	0.440 B	NA	0.600
Cadmium		NA	0.390 B	0.300 B	NA	0.320 B
Chromium		NA	18.0	13.0	NA	16.0
Cobalt		NA	9.50	10.0	NA	8.20
Copper		NA	14.0	16.0	NA	13.0
Cyanide		NA	0.100 B	0.0310 B	NA	0.0690 B
Lead		NA	12.0	6.50	NA	11.0
Mercury		NA	0.0620 B	0.0580 B	NA	0.0930 B
Nickel		NA	18.0	17.0	NA	15.0
Selenium		NA	0.900 B	ND(1.40)	NA	ND(1.10)
Silver		NA	ND(1.10)	ND(1.40)	NA	ND(1.10)
Sulfide		NA	18.0	41.0	NA	21.0
Thallium		NA	ND(1.40)	ND(1.80)	NA	ND(1.50)
Tin		NA	4.50 B	6.30 B	NA	5.00 B
Vanadium		NA	17.0	14.0	NA	14.0
Zinc		NA	71.0	64.0	NA	79.0

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-V22 1-3 06/14/04	RAA10-E-V22 3-4 06/14/04	RAA10-E-V22 3-6 06/14/04	RAA10-E-W17 0-1 06/07/04
Volatile Organics					
Acetone		ND(0.025) [ND(0.026)]	ND(0.025)	NA	ND(0.033) [ND(0.028)]
Benzene		ND(0.0064) [ND(0.0064)]	ND(0.0062)	NA	ND(0.0083) [ND(0.0069)]
Chlorobenzene		ND(0.0064) [ND(0.0064)]	ND(0.0062)	NA	ND(0.0083) [ND(0.0069)]
Ethylbenzene		ND(0.0064) [ND(0.0064)]	ND(0.0062)	NA	ND(0.0083) [ND(0.0069)]
Toluene		ND(0.0064) [ND(0.0064)]	ND(0.0062)	NA	ND(0.0083) [ND(0.0069)]
Trichloroethene		ND(0.0064) [ND(0.0064)]	ND(0.0062)	NA	ND(0.0083) [ND(0.0069)]
Trichlorofluoromethane		ND(0.0064) [ND(0.0064)]	ND(0.0062)	NA	ND(0.0083) [ND(0.0069)]
Xylenes (total)		ND(0.0064) [ND(0.0064)]	ND(0.0062)	NA	ND(0.0083) [ND(0.0069)]
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
1,2,4-Trichlorobenzene		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
1,2-Dichlorobenzene		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
1,3-Dichlorobenzene		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
1,4-Dichlorobenzene		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
2,4-Dimethylphenol		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
2,4-Dinitrotoluene		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
2-Methylnaphthalene		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
2-Methylphenol		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
Acenaphthene		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
Acenaphthylene		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
Aniline		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
Anthracene		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
Benzidine		ND(0.85) [ND(0.86)]	NA	ND(0.91)	ND(2.1) [ND(0.93)]
Benzo(a)anthracene		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
Benzo(a)pyrene		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
Benzo(b)fluoranthene		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
Benzo(g,h,i)perylene		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
Benzo(k)fluoranthene		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
bis(2-Ethylhexyl)phthalate		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(0.55) [ND(0.46)]
Butylbenzylphthalate		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
Chrysene		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
Dibenzo(a,h)anthracene		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
Dibenzofuran		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
Diethylphthalate		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
Fluoranthene		ND(0.42) [ND(0.42)]	NA	ND(0.45)	0.24 J [ND(0.46)]
Fluorene		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
Indeno(1,2,3-cd)pyrene		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
Naphthalene		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
Phenanthrene		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
Phenol		ND(0.42) [ND(0.42)]	NA	ND(0.45)	ND(1.0) [ND(0.46)]
Pyrene		ND(0.42) [ND(0.42)]	NA	ND(0.45)	0.25 J [0.10 J]
Organochlorine Pesticides					
Technical Chlordane		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 JUNE 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-V22 1-3 06/14/04	RAA10-E-V22 3-4 06/14/04	RAA10-E-V22 3-6 06/14/04	RAA10-E-W17 0-1 06/07/04
Furans					
2,3,7,8-TCDF		NA	NA	NA	NA
TCDFs (total)		NA	NA	NA	NA
1,2,3,7,8-PeCDF		NA	NA	NA	NA
2,3,4,7,8-PeCDF		NA	NA	NA	NA
PeCDFs (total)		NA	NA	NA	NA
1,2,3,4,7,8-HxCDF		NA	NA	NA	NA
1,2,3,6,7,8-HxCDF		NA	NA	NA	NA
1,2,3,7,8,9-HxCDF		NA	NA	NA	NA
2,3,4,6,7,8-HxCDF		NA	NA	NA	NA
HxCDFs (total)		NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		NA	NA	NA	NA
HpCDFs (total)		NA	NA	NA	NA
OCDF		NA	NA	NA	NA
Dioxins					
2,3,7,8-TCDD		NA	NA	NA	NA
TCDDs (total)		NA	NA	NA	NA
1,2,3,7,8-PeCDD		NA	NA	NA	NA
PeCDDs (total)		NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		NA	NA	NA	NA
HxCDDs (total)		NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		NA	NA	NA	NA
HpCDDs (total)		NA	NA	NA	NA
OCDD		NA	NA	NA	NA
Total TEQs (WHO TEFs)		NA	NA	NA	NA
Inorganics					
Antimony		ND(6.00) [ND(6.00)]	NA	ND(6.00)	ND(6.00) [ND(6.00)]
Arsenic		1.00 [1.70]	NA	2.00	4.10 [2.70]
Barium		56.0 [50.0]	NA	40.0	94.0 [82.0]
Beryllium		0.460 B [0.480 B]	NA	0.380 B	0.730 [0.610]
Cadmium		0.210 B [0.340 B]	NA	0.350 B	0.370 B [0.300 B]
Chromium		12.0 [12.0]	NA	10.0	23.0 [20.0]
Cobalt		7.00 [8.00]	NA	9.00	9.60 [8.90]
Copper		10.0 [13.0]	NA	12.0	18.0 [15.0]
Cyanide		ND(0.130) [ND(0.130)]	NA	0.0200 B	0.150 B [0.0850 B]
Lead		6.10 [6.30]	NA	5.00	21.0 [17.0]
Mercury		0.0220 B [0.0220 B]	NA	0.0120 B	0.190 [0.170]
Nickel		12.0 [14.0]	NA	15.0	20.0 [17.0]
Selenium		ND(1.00) [ND(1.00)]	NA	ND(1.00)	ND(1.20) [ND(1.00)]
Silver		ND(1.00) [0.220 B]	NA	0.180 B	ND(1.20) [ND(1.00)]
Sulfide		8.10 [ND(6.40)]	NA	ND(6.80)	ND(8.30) [27.0]
Thallium		ND(1.30) [ND(1.30)]	NA	ND(1.40)	ND(1.60) [ND(1.40)]
Tin		3.50 B [4.40 B]	NA	4.30 B	6.70 B [5.80 B]
Vanadium		12.0 [13.0]	NA	11.0	18.0 [16.0]
Zinc		66.0 [66.0]	NA	52.0	91.0 [79.0]

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA10-E-X16 1-3 06/15/04	RAA10-E-X16 3-4 06/15/04	RAA10-E-X16 3-6 06/15/04	RAA10-E-X18 0-1 06/16/04	RAA10-E-X18 3-6 06/16/04
Volatile Organics					
Acetone	ND(0.026)	ND(0.028)	NA	ND(0.028)	NA
Benzene	ND(0.0065)	ND(0.0071)	NA	ND(0.0069)	NA
Chlorobenzene	ND(0.0065)	ND(0.0071)	NA	ND(0.0069)	NA
Ethylbenzene	ND(0.0065)	ND(0.0071)	NA	ND(0.0069)	NA
Toluene	ND(0.0065)	ND(0.0071)	NA	ND(0.0069)	NA
Trichloroethene	ND(0.0065)	ND(0.0071)	NA	ND(0.0069)	NA
Trichlorofluoromethane	ND(0.0065)	ND(0.0071)	NA	ND(0.0069)	NA
Xylenes (total)	ND(0.0065)	ND(0.0071)	NA	ND(0.0069)	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
1,2,4-Trichlorobenzene	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
1,2-Dichlorobenzene	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
1,3-Dichlorobenzene	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
1,4-Dichlorobenzene	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
2,4-Dimethylphenol	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
2,4-Dinitrotoluene	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
2-Methylnaphthalene	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
2-Methylphenol	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
Acenaphthene	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
Acenaphthylene	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
Aniline	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
Anthracene	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
Benzidine	ND(0.88)	NA	ND(1.0)	ND(1.8)	ND(0.79)
Benzo(a)anthracene	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
Benzo(a)pyrene	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
Benzo(b)fluoranthene	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
Benzo(g,h,i)perylene	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
Benzo(k)fluoranthene	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
bis(2-Ethylhexyl)phthalate	ND(0.43)	NA	ND(0.52)	ND(0.46)	ND(0.39)
Butylbenzylphthalate	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
Chrysene	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
Dibenzo(a,h)anthracene	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
Dibenzofuran	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
Diethylphthalate	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
Fluoranthene	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
Fluorene	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
Indeno(1,2,3-cd)pyrene	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
Naphthalene	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
Phenanthrene	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
Phenol	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
Pyrene	ND(0.44)	NA	ND(0.52)	ND(0.92)	ND(0.39)
Organochlorine Pesticides					
Technical Chlordane	ND(0.11)	NA	ND(0.13)	ND(0.12)	ND(0.098)
Organophosphate Pesticides					
None Detected	--	NA	--	--	--
Herbicides					
None Detected	--	NA	--	--	--

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-X16 1-3 06/15/04	RAA10-E-X16 3-4 06/15/04	RAA10-E-X16 3-6 06/15/04	RAA10-E-X18 0-1 06/16/04	RAA10-E-X18 3-6 06/16/04
Furans						
2,3,7,8-TCDF		0.00000034 J	NA	ND(0.00000036)	0.0000019 J	ND(0.00000023) X
TCDFs (total)		0.00000034 J	NA	ND(0.00000036)	0.000014	ND(0.00000021)
1,2,3,7,8-PeCDF		ND(0.00000056)	NA	ND(0.00000074)	0.00000090 J	ND(0.00000053)
2,3,4,7,8-PeCDF		ND(0.00000056)	NA	ND(0.00000074)	0.0000014 J	ND(0.00000053)
PeCDFs (total)		ND(0.00000056)	NA	ND(0.00000074)	0.000014	ND(0.00000053)
1,2,3,4,7,8-HxCDF		ND(0.00000056)	NA	ND(0.00000074)	0.0000014 J	ND(0.00000053)
1,2,3,6,7,8-HxCDF		ND(0.00000056)	NA	ND(0.00000074)	0.00000088 J	ND(0.00000053)
1,2,3,7,8,9-HxCDF		ND(0.00000056)	NA	ND(0.00000074)	ND(0.00000064)	ND(0.00000053)
2,3,4,6,7,8-HxCDF		ND(0.00000056)	NA	ND(0.00000074)	0.00000096 J	ND(0.00000053)
HxCDFs (total)		ND(0.00000056)	NA	ND(0.00000074)	0.000020	ND(0.00000053)
1,2,3,4,6,7,8-HpCDF		ND(0.00000056)	NA	ND(0.00000074)	0.000026	ND(0.00000053)
1,2,3,4,7,8,9-HpCDF		ND(0.00000056)	NA	ND(0.00000074)	ND(0.00000064)	ND(0.00000053)
HpCDFs (total)		ND(0.00000056)	NA	ND(0.00000074)	0.000044	ND(0.00000053)
OCDF		ND(0.0000011)	NA	ND(0.0000015)	0.000012 J	ND(0.0000011)
Dioxins						
2,3,7,8-TCDD		ND(0.00000022)	NA	ND(0.00000045)	ND(0.00000027)	ND(0.00000023)
TCDDs (total)		ND(0.00000060)	NA	ND(0.00000071)	ND(0.00000078)	ND(0.00000064)
1,2,3,7,8-PeCDD		ND(0.00000056)	NA	ND(0.00000074)	ND(0.00000064)	ND(0.00000053)
PeCDDs (total)		ND(0.00000076)	NA	ND(0.0000010)	ND(0.0000011)	ND(0.00000080)
1,2,3,4,7,8-HxCDD		ND(0.00000056)	NA	ND(0.00000074)	ND(0.00000064)	ND(0.00000053)
1,2,3,6,7,8-HxCDD		ND(0.00000056)	NA	ND(0.00000074)	0.00000066 J	ND(0.00000053)
1,2,3,7,8,9-HxCDD		ND(0.00000056)	NA	ND(0.00000074)	ND(0.00000064)	ND(0.00000053)
HxCDDs (total)		ND(0.0000010)	NA	ND(0.0000013)	0.0000016 J	ND(0.00000095)
1,2,3,4,6,7,8-HpCDD		ND(0.00000056)	NA	ND(0.00000095)	0.0000066	ND(0.00000053)
HpCDDs (total)		ND(0.00000056)	NA	ND(0.00000095)	0.000012	ND(0.00000053)
OCDD		0.0000012 J	NA	0.0000056 J	0.000049	0.0000013 J
Total TEQs (WHO TEFs)		0.00000078	NA	0.0000011	0.0000022	0.00000073
Inorganics						
Antimony		ND(6.00)	NA	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		2.80	NA	2.80	2.60	0.950 B
Barium		54.0	NA	88.0	81.0	71.0
Beryllium		0.430 B	NA	0.420 B	0.630	0.470 B
Cadmium		0.410 B	NA	0.580	0.430 B	0.280 B
Chromium		12.0	NA	13.0	19.0	11.0
Cobalt		9.80	NA	8.40	9.90	7.90
Copper		10.0	NA	16.0	12.0	10.0
Cyanide		ND(0.130)	NA	0.0590 B	0.0590 B	ND(0.120)
Lead		6.40	NA	7.00	14.0	6.50
Mercury		ND(0.130)	NA	0.0700 B	0.0550 B	0.00940 B
Nickel		14.0	NA	15.0	19.0	16.0
Selenium		ND(1.00)	NA	0.840 B	1.20	0.580 B
Silver		0.450 B	NA	0.450 B	ND(1.00)	ND(1.00)
Sulfide		ND(6.50)	NA	10.0	22.0	ND(5.90)
Thallium		ND(1.30)	NA	ND(1.60)	ND(1.40)	ND(1.20)
Tin		4.40 B	NA	5.00 B	5.50 B	3.60 B
Vanadium		12.0	NA	12.0	16.0	8.80
Zinc		62.0	NA	66.0	95.0	57.0

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

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

Parameter / Sample ID:	Sample Depth(Feet): / Date Collected:	RAA10-E-X18	RAA10-E-X18	RAA10-E-X18	RAA10-E-X20	RAA10-E-Y17
		4-6	6-8	6-15	0-1	0-1
		06/16/04	06/16/04	06/16/04	06/16/04	06/07/04
Volatile Organics						
Acetone		ND(0.023)	ND(0.024)	NA	ND(0.027)	ND(0.035)
Benzene		ND(0.0058)	ND(0.0061)	NA	ND(0.0068)	ND(0.0089)
Chlorobenzene		ND(0.0058)	ND(0.0061)	NA	ND(0.0068)	ND(0.0089)
Ethylbenzene		ND(0.0058)	ND(0.0061)	NA	ND(0.0068)	ND(0.0089)
Toluene		ND(0.0058)	ND(0.0061)	NA	ND(0.0068)	ND(0.0089)
Trichloroethene		ND(0.0058)	ND(0.0061)	NA	ND(0.0068)	ND(0.0089)
Trichlorofluoromethane		ND(0.0058)	ND(0.0061)	NA	ND(0.0068)	ND(0.0089)
Xylenes (total)		ND(0.0058)	ND(0.0061)	NA	ND(0.0068)	ND(0.0089)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
1,2,4-Trichlorobenzene		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
1,2-Dichlorobenzene		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
1,3-Dichlorobenzene		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
1,4-Dichlorobenzene		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
2,4-Dimethylphenol		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
2,4-Dinitrotoluene		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
2-Methylnaphthalene		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
2-Methylphenol		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
Acenaphthene		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
Acenaphthylene		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
Aniline		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
Anthracene		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
Benzidine		NA	NA	ND(0.84)	ND(1.1)	ND(3.1)
Benzo(a)anthracene		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
Benzo(a)pyrene		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
Benzo(b)fluoranthene		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
Benzo(g,h,i)perylene		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
Benzo(k)fluoranthene		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
bis(2-Ethylhexyl)phthalate		NA	NA	ND(0.41)	ND(0.45)	ND(0.77)
Butylbenzylphthalate		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
Chrysene		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
Dibenzo(a,h)anthracene		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
Dibenzofuran		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
Diethylphthalate		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
Fluoranthene		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
Fluorene		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
Indeno(1,2,3-cd)pyrene		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
Naphthalene		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
Phenanthrene		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
Phenol		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
Pyrene		NA	NA	ND(0.42)	ND(0.54)	ND(1.5)
Organochlorine Pesticides						
Technical Chlordane		NA	NA	ND(0.10)	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 JUNE 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-E-X18 4-6 06/16/04	RAA10-E-X18 6-8 06/16/04	RAA10-E-X18 6-15 06/16/04	RAA10-E-X20 0-1 06/16/04	RAA10-E-Y17 0-1 06/07/04
Furans						
2,3,7,8-TCDF		NA	NA	ND(0.00000023)	NA	NA
TCDFs (total)		NA	NA	ND(0.00000023)	NA	NA
1,2,3,7,8-PeCDF		NA	NA	ND(0.00000058)	NA	NA
2,3,4,7,8-PeCDF		NA	NA	ND(0.00000058)	NA	NA
PeCDFs (total)		NA	NA	ND(0.00000058)	NA	NA
1,2,3,4,7,8-HxCDF		NA	NA	ND(0.00000058)	NA	NA
1,2,3,6,7,8-HxCDF		NA	NA	ND(0.00000058)	NA	NA
1,2,3,7,8,9-HxCDF		NA	NA	ND(0.00000058)	NA	NA
2,3,4,6,7,8-HxCDF		NA	NA	ND(0.00000058)	NA	NA
HxCDFs (total)		NA	NA	ND(0.00000058)	NA	NA
1,2,3,4,6,7,8-HpCDF		NA	NA	ND(0.00000058)	NA	NA
1,2,3,4,7,8,9-HpCDF		NA	NA	ND(0.00000058)	NA	NA
HpCDFs (total)		NA	NA	ND(0.00000058)	NA	NA
OCDF		NA	NA	ND(0.0000012)	NA	NA
Dioxins						
2,3,7,8-TCDD		NA	NA	ND(0.00000023)	NA	NA
TCDDs (total)		NA	NA	ND(0.00000074)	NA	NA
1,2,3,7,8-PeCDD		NA	NA	ND(0.00000058)	NA	NA
PeCDDs (total)		NA	NA	ND(0.00000084)	NA	NA
1,2,3,4,7,8-HxCDD		NA	NA	ND(0.00000058)	NA	NA
1,2,3,6,7,8-HxCDD		NA	NA	ND(0.00000058)	NA	NA
1,2,3,7,8,9-HxCDD		NA	NA	ND(0.00000058)	NA	NA
HxCDDs (total)		NA	NA	ND(0.00000097)	NA	NA
1,2,3,4,6,7,8-HpCDD		NA	NA	ND(0.00000058)	NA	NA
HpCDDs (total)		NA	NA	ND(0.00000058)	NA	NA
OCDD		NA	NA	ND(0.0000012)	NA	NA
Total TEQs (WHO TEFs)		NA	NA	0.00000079	NA	NA
Inorganics						
Antimony		NA	NA	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		NA	NA	1.50	4.90	2.70
Barium		NA	NA	17.0 B	69.0	87.0
Beryllium		NA	NA	0.160 B	0.670	0.560
Cadmium		NA	NA	0.340 B	0.570	0.520
Chromium		NA	NA	5.50	18.0	120
Cobalt		NA	NA	6.10	12.0	8.30
Copper		NA	NA	12.0	16.0	21.0
Cyanide		NA	NA	ND(0.250)	0.0650 B	0.150 B
Lead		NA	NA	5.10	14.0	16.0
Mercury		NA	NA	ND(0.120)	0.0500 B	0.130 B
Nickel		NA	NA	11.0	18.0	17.0
Selenium		NA	NA	ND(1.00)	1.60	ND(1.30)
Silver		NA	NA	ND(1.00)	ND(1.00)	ND(1.30)
Sulfide		NA	NA	62.0	ND(6.80)	ND(8.90)
Thallium		NA	NA	ND(1.20)	ND(1.40)	ND(1.80)
Tin		NA	NA	4.00 B	5.40 B	7.00 B
Vanadium		NA	NA	5.20	19.0	14.0
Zinc		NA	NA	35.0	78.0	91.0

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA10-N-AA24 1-3 05/11/04	RAA10-N-BBCC23.5 1-3 05/11/04	RAA10-N-CC22 0-1 05/12/04	RAA10-N-CC22 1-3 05/12/04
Volatile Organics				
Acetone	ND(0.023)	0.013 J	ND(0.024)	ND(0.023)
Benzene	ND(0.0057)	ND(0.0065)	ND(0.0060)	ND(0.0059)
Chlorobenzene	ND(0.0057)	ND(0.0065)	ND(0.0060)	0.017
Ethylbenzene	ND(0.0057)	ND(0.0065)	ND(0.0060)	ND(0.0059)
Toluene	ND(0.0057)	ND(0.0065)	ND(0.0060)	0.0073
Trichloroethene	ND(0.0057)	ND(0.0065)	ND(0.0060)	0.0090
Trichlorofluoromethane	ND(0.0057)	ND(0.0065)	ND(0.0060)	ND(0.0059)
Xylenes (total)	ND(0.0057)	ND(0.0065)	ND(0.0060)	ND(0.0059)
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.38)	ND(0.48)	ND(0.60)	0.30 J
1,2,4-Trichlorobenzene	ND(0.38)	ND(0.48)	ND(0.60)	1.9
1,2-Dichlorobenzene	ND(0.38)	ND(0.48)	ND(0.60)	0.43 J
1,3-Dichlorobenzene	ND(0.38)	ND(0.48)	ND(0.60)	ND(1.0)
1,4-Dichlorobenzene	ND(0.38)	ND(0.48)	ND(0.60)	0.93 J
2,4-Dimethylphenol	ND(0.38)	ND(0.48)	ND(0.60)	ND(1.0)
2,4-Dinitrotoluene	ND(0.38)	ND(0.48)	ND(0.60)	ND(1.0)
2-Methylnaphthalene	ND(0.38)	ND(0.48)	ND(0.60)	ND(1.0)
2-Methylphenol	ND(0.38)	ND(0.48)	ND(0.60)	ND(1.0)
Acenaphthene	ND(0.38)	ND(0.48)	ND(0.60)	ND(1.0)
Acenaphthylene	ND(0.38)	ND(0.48)	ND(0.60)	ND(1.0)
Aniline	ND(0.38)	ND(0.48)	ND(0.60)	6.3
Anthracene	ND(0.38)	ND(0.48)	ND(0.60)	ND(1.0)
Benzidine	ND(0.76)	ND(0.95)	ND(1.2)	ND(2.1)
Benzo(a)anthracene	ND(0.38)	ND(0.48)	ND(0.60)	0.30 J
Benzo(a)pyrene	ND(0.38)	ND(0.48)	ND(0.60)	0.50 J
Benzo(b)fluoranthene	ND(0.38)	ND(0.48)	ND(0.60)	ND(1.0)
Benzo(g,h,i)perylene	ND(0.38)	ND(0.48)	ND(0.60)	0.55 J
Benzo(k)fluoranthene	ND(0.38)	ND(0.48)	ND(0.60)	ND(1.0)
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(0.43)	ND(0.40)	ND(0.53)
Butylbenzylphthalate	ND(0.38)	ND(0.48)	ND(0.60)	ND(1.0)
Chrysene	ND(0.38)	0.10 J	ND(0.60)	0.56 J
Dibenzo(a,h)anthracene	ND(0.38)	ND(0.48)	ND(0.60)	ND(1.0)
Dibenzofuran	ND(0.38)	ND(0.48)	ND(0.60)	ND(1.0)
Diethylphthalate	ND(0.38)	ND(0.48)	ND(0.60)	ND(1.0)
Fluoranthene	ND(0.38)	0.16 J	ND(0.60)	0.81 J
Fluorene	ND(0.38)	ND(0.48)	ND(0.60)	ND(1.0)
Indeno(1,2,3-cd)pyrene	ND(0.38)	ND(0.48)	ND(0.60)	0.47 J
Naphthalene	ND(0.38)	ND(0.48)	ND(0.60)	0.31 J
Phenanthrene	ND(0.38)	ND(0.48)	ND(0.60)	0.34 J
Phenol	ND(0.38)	ND(0.48)	ND(0.60)	ND(1.0)
Pyrene	ND(0.38)	0.15 J	ND(0.60)	0.84 J
Organochlorine Pesticides				
Technical Chlordane	ND(0.095)	ND(0.11)	NA	NA
Organophosphate Pesticides				
None Detected	--	--	NA	NA
Herbicides				
None Detected	--	--	NA	NA

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-N-AA24 1-3 05/11/04	RAA10-N-BBCC23.5 1-3 05/11/04	RAA10-N-CC22 0-1 05/12/04	RAA10-N-CC22 1-3 05/12/04
Furans					
2,3,7,8-TCDF		0.00000026 J	NA	NA	NA
TCDFs (total)		0.0000016	NA	NA	NA
1,2,3,7,8-PeCDF		0.00000017 J	NA	NA	NA
2,3,4,7,8-PeCDF		0.00000018 J	NA	NA	NA
PeCDFs (total)		0.0000012	NA	NA	NA
1,2,3,4,7,8-HxCDF		0.00000020 J	NA	NA	NA
1,2,3,6,7,8-HxCDF		0.00000016 J	NA	NA	NA
1,2,3,7,8,9-HxCDF		0.000000083 J	NA	NA	NA
2,3,4,6,7,8-HxCDF		0.000000083 J	NA	NA	NA
HxCDFs (total)		0.00000099	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		0.00000023 J	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		ND(0.00000022)	NA	NA	NA
HpCDFs (total)		0.00000023	NA	NA	NA
OCDF		0.00000024 J	NA	NA	NA
Dioxins					
2,3,7,8-TCDD		ND(0.000000086)	NA	NA	NA
TCDDs (total)		ND(0.00000023)	NA	NA	NA
1,2,3,7,8-PeCDD		0.000000083 J	NA	NA	NA
PeCDDs (total)		0.00000024	NA	NA	NA
1,2,3,4,7,8-HxCDD		0.000000041 J	NA	NA	NA
1,2,3,6,7,8-HxCDD		0.000000095 J	NA	NA	NA
1,2,3,7,8,9-HxCDD		0.00000011 J	NA	NA	NA
HxCDDs (total)		0.00000032	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		ND(0.00000027) X	NA	NA	NA
HpCDDs (total)		0.00000022	NA	NA	NA
OCDD		0.0000016 J	NA	NA	NA
Total TEQs (WHO TEFs)		0.00000033	NA	NA	NA
Inorganics					
Antimony		1.40 B	1.40 B	ND(6.00)	20.0
Arsenic		7.50	2.90	3.90	12.0
Barium		17.0 B	22.0	27.0	180
Beryllium		0.190 B	0.260 B	0.230 B	0.270 B
Cadmium		0.360 B	0.430 B	0.990	3.90
Chromium		5.20	4.70	7.30	52.0
Cobalt		7.70	4.50 B	6.70	8.60
Copper		27.0	11.0	23.0	1200
Cyanide		0.0250 B	0.240	0.0770 B	0.150
Lead		8.90	18.0	18.0	1800
Mercury		0.0310 B	0.0860 B	0.140	46.0
Nickel		12.0	7.30	11.0	50.0
Selenium		ND(1.00)	ND(1.00)	ND(1.00)	1.00
Silver		ND(1.00)	ND(1.00)	ND(1.00)	20.0
Sulfide		ND(5.70)	8.30	7.70	34.0
Thallium		ND(1.10)	ND(1.30)	ND(1.20)	ND(1.20)
Tin		2.20 B	2.60 B	1.80 B	240
Vanadium		4.30 B	7.00	6.90	12.0
Zinc		31.0	48.0	53.0	1300

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

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

Parameter / Sample ID / Sample Depth(Feet) / Date Collected:	RAA10-N-CC22 6-15 05/12/04	RAA10-N-CC22 8-10 05/12/04	RAA10-N-DD23.5 3-6 05/11/04	RAA10-N-DD23.5 4-6 05/11/04	RAA10-N-Y20 0-1 05/12/04
Volatile Organics					
Acetone	NA	ND(42)	NA	ND(0.023)	ND(0.023)
Benzene	NA	ND(2.1)	NA	0.012	ND(0.0057)
Chlorobenzene	NA	6.3	NA	0.054	ND(0.0057)
Ethylbenzene	NA	ND(2.1)	NA	0.0073	ND(0.0057)
Toluene	NA	2.6	NA	0.0045 J	ND(0.0057)
Trichloroethene	NA	ND(2.1)	NA	ND(0.0057)	ND(0.0057)
Trichlorofluoromethane	NA	ND(2.1)	NA	ND(0.0057)	ND(0.0057)
Xylenes (total)	NA	ND(2.1)	NA	0.012	ND(0.0057)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.49)	NA	0.22 J	NA	ND(1.0)
1,2,4-Trichlorobenzene	ND(0.49)	NA	0.092 J	NA	ND(1.0)
1,2-Dichlorobenzene	0.20 J	NA	ND(0.38)	NA	ND(1.0)
1,3-Dichlorobenzene	ND(0.49)	NA	ND(0.38)	NA	ND(1.0)
1,4-Dichlorobenzene	0.24 J	NA	1.5	NA	ND(1.0)
2,4-Dimethylphenol	0.85	NA	ND(0.38)	NA	ND(1.0)
2,4-Dinitrotoluene	ND(0.49)	NA	ND(0.38)	NA	ND(1.0)
2-Methylnaphthalene	ND(0.49)	NA	ND(0.38)	NA	ND(1.0)
2-Methylphenol	1.7	NA	ND(0.38)	NA	ND(1.0)
Acenaphthene	ND(0.49)	NA	0.56	NA	ND(1.0)
Acenaphthylene	ND(0.49)	NA	2.0	NA	ND(1.0)
Aniline	ND(0.49)	NA	ND(0.38)	NA	ND(1.0)
Anthracene	ND(0.49)	NA	3.7	NA	ND(1.0)
Benzidine	ND(0.99)	NA	ND(0.77)	NA	ND(2.0)
Benzo(a)anthracene	ND(0.49)	NA	3.2	NA	0.61 J
Benzo(a)pyrene	0.15 J	NA	1.9	NA	0.24 J
Benzo(b)fluoranthene	ND(0.49)	NA	1.6	NA	ND(1.0)
Benzo(g,h,i)perylene	ND(0.49)	NA	0.98	NA	ND(1.0)
Benzo(k)fluoranthene	ND(0.49)	NA	1.7	NA	ND(1.0)
bis(2-Ethylhexyl)phthalate	ND(0.49)	NA	ND(0.38)	NA	ND(0.50)
Butylbenzylphthalate	ND(0.49)	NA	ND(0.38)	NA	ND(1.0)
Chrysene	ND(0.49)	NA	2.9	NA	0.41 J
Dibenzo(a,h)anthracene	ND(0.49)	NA	0.36 J	NA	ND(1.0)
Dibenzofuran	ND(0.49)	NA	0.99	NA	ND(1.0)
Diethylphthalate	ND(0.49)	NA	ND(0.38)	NA	ND(1.0)
Fluoranthene	ND(0.49)	NA	10	NA	0.66 J
Fluorene	ND(0.49)	NA	2.6	NA	ND(1.0)
Indeno(1,2,3-cd)pyrene	ND(0.49)	NA	0.89	NA	ND(1.0)
Naphthalene	0.11 J	NA	0.29 J	NA	ND(1.0)
Phenanthrene	ND(0.49)	NA	12	NA	0.32 J
Phenol	0.69	NA	ND(0.38)	NA	ND(1.0)
Pyrene	ND(0.49)	NA	8.9	NA	0.50 J
Organochlorine Pesticides					
Technical Chlordane	ND(0.12)	NA	ND(0.096)	NA	NA
Organophosphate Pesticides					
None Detected	--	NA	--	NA	NA
Herbicides					
None Detected	--	NA	--	NA	NA

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-N-CC22 6-15 05/12/04	RAA10-N-CC22 8-10 05/12/04	RAA10-N-DD23.5 3-6 05/11/04	RAA10-N-DD23.5 4-6 05/11/04	RAA10-N-Y20 0-1 05/12/04
Furans						
2,3,7,8-TCDF		0.00000069 J	NA	NA	NA	NA
TCDFs (total)		0.0000041	NA	NA	NA	NA
1,2,3,7,8-PeCDF		0.00000024 J	NA	NA	NA	NA
2,3,4,7,8-PeCDF		0.00000029 J	NA	NA	NA	NA
PeCDFs (total)		0.0000023	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF		0.00000034 J	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF		0.00000024 J	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF		ND(0.000000077) X	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF		0.00000017 J	NA	NA	NA	NA
HxCDFs (total)		0.0000022	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		0.00000045 J	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		0.00000014 J	NA	NA	NA	NA
HpCDFs (total)		0.00000094	NA	NA	NA	NA
OCDF		0.00000056 J	NA	NA	NA	NA
Dioxins						
2,3,7,8-TCDD		ND(0.00000012)	NA	NA	NA	NA
TCDDs (total)		ND(0.00000033)	NA	NA	NA	NA
1,2,3,7,8-PeCDD		ND(0.00000030)	NA	NA	NA	NA
PeCDDs (total)		ND(0.00000051)	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		ND(0.00000030)	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		ND(0.00000010) X	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		0.00000016 J	NA	NA	NA	NA
HxCDDs (total)		0.00000031	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		0.00000041 J	NA	NA	NA	NA
HpCDDs (total)		0.00000076	NA	NA	NA	NA
OCDD		0.0000025 J	NA	NA	NA	NA
Total TEQs (WHO TEFs)		0.00000056	NA	NA	NA	NA
Inorganics						
Antimony		ND(6.00)	NA	2.00 B	NA	0.890 B
Arsenic		3.80	NA	4.50	NA	8.30
Barium		37.0	NA	46.0	NA	17.0 B
Beryllium		0.340 B	NA	0.270 B	NA	0.110 B
Cadmium		1.00	NA	0.950	NA	1.00
Chromium		9.20	NA	9.30	NA	6.00
Cobalt		8.20	NA	6.80	NA	4.80 B
Copper		15.0	NA	110	NA	44.0
Cyanide		0.110 B	NA	0.0560 B	NA	0.170
Lead		13.0	NA	280	NA	70.0
Mercury		0.0690 B	NA	0.660	NA	3.80
Nickel		15.0	NA	180	NA	9.00
Selenium		ND(1.10)	NA	ND(1.00)	NA	ND(1.00)
Silver		ND(1.10)	NA	0.360 B	NA	0.270 B
Sulfide		150	NA	110	NA	22.0
Thallium		ND(1.50)	NA	ND(1.10)	NA	ND(1.10)
Tin		2.90 B	NA	6.80 B	NA	3.80 B
Vanadium		9.80	NA	5.90	NA	5.20
Zinc		66.0	NA	220	NA	160

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-N-Y20 3-4 05/12/04	RAA10-N-Y20 3-6 05/12/04	RAA10-N-Z20.5 6-15 05/12/04	RAA10-N-Z20.5 14-15 05/12/04
Volatile Organics					
Acetone		ND(0.029)	NA	NA	ND(100)
Benzene		ND(0.0073)	NA	NA	23
Chlorobenzene		0.024	NA	NA	84
Ethylbenzene		ND(0.0073)	NA	NA	ND(5.1)
Toluene		ND(0.0073)	NA	NA	ND(5.1)
Trichloroethene		ND(0.0073)	NA	NA	ND(5.1)
Trichlorofluoromethane		ND(0.0073)	NA	NA	ND(5.1)
Xylenes (total)		ND(0.0073)	NA	NA	ND(5.1)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		NA	ND(0.70)	ND(0.85)	NA
1,2,4-Trichlorobenzene		NA	ND(0.70)	ND(0.85)	NA
1,2-Dichlorobenzene		NA	ND(0.70)	ND(0.85)	NA
1,3-Dichlorobenzene		NA	ND(0.70)	ND(0.85)	NA
1,4-Dichlorobenzene		NA	ND(0.70)	ND(0.85)	NA
2,4-Dimethylphenol		NA	ND(0.70)	ND(0.85)	NA
2,4-Dinitrotoluene		NA	ND(0.70)	ND(0.85)	NA
2-Methylnaphthalene		NA	ND(0.70)	ND(0.85)	NA
2-Methylphenol		NA	ND(0.70)	ND(0.85)	NA
Acenaphthene		NA	1.2	ND(0.85)	NA
Acenaphthylene		NA	ND(0.70)	ND(0.85)	NA
Aniline		NA	ND(0.70)	ND(0.85)	NA
Anthracene		NA	ND(0.70)	0.74 J	NA
Benzidine		NA	ND(1.4)	ND(1.7)	NA
Benzo(a)anthracene		NA	0.15 J	ND(0.85)	NA
Benzo(a)pyrene		NA	ND(0.70)	0.20 J	NA
Benzo(b)fluoranthene		NA	ND(0.70)	ND(0.85)	NA
Benzo(g,h,i)perylene		NA	ND(0.70)	ND(0.85)	NA
Benzo(k)fluoranthene		NA	ND(0.70)	ND(0.85)	NA
bis(2-Ethylhexyl)phthalate		NA	ND(0.41)	ND(0.84)	NA
Butylbenzylphthalate		NA	ND(0.70)	ND(0.85)	NA
Chrysene		NA	ND(0.70)	ND(0.85)	NA
Dibenzo(a,h)anthracene		NA	ND(0.70)	ND(0.85)	NA
Dibenzofuran		NA	0.32 J	1.5	NA
Diethylphthalate		NA	ND(0.70)	ND(0.85)	NA
Fluoranthene		NA	0.24 J	0.32 J	NA
Fluorene		NA	ND(0.70)	ND(0.85)	NA
Indeno(1,2,3-cd)pyrene		NA	ND(0.70)	ND(0.85)	NA
Naphthalene		NA	ND(0.70)	13	NA
Phenanthrene		NA	ND(0.70)	0.41 J	NA
Phenol		NA	ND(0.70)	ND(0.85)	NA
Pyrene		NA	0.23 J	0.46 J	NA
Organochlorine Pesticides					
Technical Chlordane		NA	NA	ND(0.21)	NA
Organophosphate Pesticides					
None Detected		NA	NA	--	NA
Herbicides					
None Detected		NA	NA	--	NA

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

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-N-Y20 3-4 05/12/04	RAA10-N-Y20 3-6 05/12/04	RAA10-N-Z20.5 6-15 05/12/04	RAA10-N-Z20.5 14-15 05/12/04
Furans				
2,3,7,8-TCDF	NA	NA	NA	NA
TCDFs (total)	NA	NA	NA	NA
1,2,3,7,8-PeCDF	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA
PeCDFs (total)	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA
HxCDFs (total)	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA
HpCDFs (total)	NA	NA	NA	NA
OCDF	NA	NA	NA	NA
Dioxins				
2,3,7,8-TCDD	NA	NA	NA	NA
TCDDs (total)	NA	NA	NA	NA
1,2,3,7,8-PeCDD	NA	NA	NA	NA
PeCDDs (total)	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA
HxCDDs (total)	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA
HpCDDs (total)	NA	NA	NA	NA
OCDD	NA	NA	NA	NA
Total TEQs (WHO TEFs)	NA	NA	NA	NA
Inorganics				
Antimony	NA	ND(6.00)	ND(6.00)	NA
Arsenic	NA	2.80	2.10	NA
Barium	NA	31.0	57.0	NA
Beryllium	NA	0.150 B	0.270 B	NA
Cadmium	NA	1.00	1.80	NA
Chromium	NA	7.40	8.50	NA
Cobalt	NA	4.20 B	4.20 B	NA
Copper	NA	41.0	21.0	NA
Cyanide	NA	0.110 B	0.560	NA
Lead	NA	63.0	87.0	NA
Mercury	NA	7.30	1.70	NA
Nickel	NA	9.60	11.0	NA
Selenium	NA	ND(1.00)	2.80	NA
Silver	NA	0.310 B	0.260 B	NA
Sulfide	NA	150	2000	NA
Thallium	NA	ND(1.20)	ND(2.60)	NA
Tin	NA	4.40 B	15.0 B	NA
Vanadium	NA	4.80 B	6.90	NA
Zinc	NA	170	1300	NA

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

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

Notes:

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

Data Qualifiers:

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

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 practical quantitation limit (PQL).

TABLE 7-4
DATA RECEIVED DURING JUNE 2004

GENERAL DYNAMICS OP-1 PIER SUPPORTS EXCAVATION SOIL 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	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
OP-1-EF24-27-SOIL-1	0-1	6/15/2004	ND(0.034) [ND(0.034)]	ND(0.034) [ND(0.034)]	ND(0.034) [ND(0.034)]	ND(0.034) [ND(0.034)]	ND(0.034) [ND(0.034)]	ND(0.034) [ND(0.034)]	ND(0.034) [ND(0.034)]	ND(0.034) [ND(0.034)]
OP-1-EF24-27-SOIL-2	0-1	6/15/2004	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
OP-1-EF24-27-SOIL-3	0-1	6/15/2004	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)

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

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

*** All activities described below for this item 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 additional supplemental sampling upon EPA approval of Supplemental Pre-Design Investigation Report and Additional Sampling Proposal (submitted on May 19, 2004).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 9
LYMAN STREET AREA
(GECD430)
JUNE 2004

a. Activities Undertaken/Completed

Sent letter to attorney for the owner of Parcel I9-4-25 related to lease arrangement for a portion of GE-owned Parcel I9-8-1 (June 23, 2004).

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

In connection with EPA review of Conceptual RD/RA Work Plan (submitted March 23, 2004), discuss schedule for development of Final RD/RA Work Plan.*

f. Proposed/Approved Work Plan Modifications

None

ITEM 10
NEWELL STREET AREA I
(GECD440)
JUNE 2004

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

a. Activities Undertaken/Completed

- Continued restoration activities at Parcels J9-23-16, J9-23-17, and J9-23-18.
- Continued remediation/restoration activities at Parcels J9-23-22, 9-23-23, and J9-23-24.
- Conducted ambient air monitoring for PCBs at Parcels J9-23-22 and J9-23-24 with a background monitor at the corner of Woodlawn Avenue and Tyler Street.
- Conducted ambient air monitoring for particulate matter at Parcel J9-23-23 with a background monitor at the corner of Woodlawn Avenue and Tyler Street.
- Conducted disposition characterization sampling of material from this area contained in drums at Building 78.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted letter regarding restoration activities for Parcel J9-23-22 (June 22, 2004).

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

- Complete remaining restoration activities at Parcels J9-23-16, J9-23-17, and J9-23-18.
- Complete remediation/restoration activities at Parcels J9-23-22, J9-23-23, and J9-23-24.
- Submit final executed ERE and associated documentation for Parcel J9-23-24.
- Continue discussions regarding access to Parcel J9-23-13 and Parcels J9-23-19, J9-23-20, and J9-23-21 for remediation.
- Discuss draft EREs for GE-owned properties with EPA and MDEP and work on obtaining subordination agreements for easements at those properties.

ITEM 10
(cont'd)
NEWELL STREET AREA I
(GECD440)
JUNE 2004

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Owners of Parcel J9-23-13 and Parcels J9-23-19, J9-23-20, and J9-23-21 have not granted access for remediation.

f. Proposed/Approved Work Plan Modifications

None

TABLE 10-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JUNE 2004

NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Building 78 Drum Sampling	BLDG78-D0300-1	6/3/04	Tar	CT&E	PCB, TCLP	6/14/04
Building 78 Drum Sampling	BLDG78-F0026-1	6/3/04	Solid	CT&E	TCLP	6/14/04
Ambient Air Particulate Matter Sampling	North of J9-23-23	6/3/04	Air	Berkshire Environmental	Particulate Matter	6/11/04
Ambient Air Particulate Matter Sampling	Southeast of J9-23-23	6/3/04	Air	Berkshire Environmental	Particulate Matter	6/11/04
Ambient Air Particulate Matter Sampling	South of J9-23-23	6/3/04	Air	Berkshire Environmental	Particulate Matter	6/11/04
Ambient Air Particulate Matter Sampling	Northwest of J9-23-23	6/3/04	Air	Berkshire Environmental	Particulate Matter	6/11/04
Ambient Air Particulate Matter Sampling	Background Location	6/3/04	Air	Berkshire Environmental	Particulate Matter	6/11/04
Ambient Air Particulate Matter Sampling	North of J9-23-23	6/4/04	Air	Berkshire Environmental	Particulate Matter	6/11/04
Ambient Air Particulate Matter Sampling	Southeast of J9-23-23	6/4/04	Air	Berkshire Environmental	Particulate Matter	6/11/04
Ambient Air Particulate Matter Sampling	South of J9-23-23	6/4/04	Air	Berkshire Environmental	Particulate Matter	6/11/04
Ambient Air Particulate Matter Sampling	Northwest of J9-23-23	6/4/04	Air	Berkshire Environmental	Particulate Matter	6/11/04
Ambient Air Particulate Matter Sampling	Background Location	6/4/04	Air	Berkshire Environmental	Particulate Matter	6/11/04
Ambient Air Particulate Matter Sampling	North of J9-23-23	6/7/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
Ambient Air Particulate Matter Sampling	Southeast of J9-23-23	6/7/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
Ambient Air Particulate Matter Sampling	South of J9-23-23	6/7/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
Ambient Air Particulate Matter Sampling	Northwest of J9-23-23	6/7/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
Ambient Air Particulate Matter Sampling	Background Location	6/7/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
Ambient Air Particulate Matter Sampling	North of J9-23-23	6/8/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
Ambient Air Particulate Matter Sampling	Southeast of J9-23-23	6/8/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
Ambient Air Particulate Matter Sampling	South of J9-23-23	6/8/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
Ambient Air Particulate Matter Sampling	Northwest of J9-23-23	6/8/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
Ambient Air Particulate Matter Sampling	Background Location	6/8/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
Ambient Air Particulate Matter Sampling	North of J9-23-23	6/9/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
Ambient Air Particulate Matter Sampling	Southeast of J9-23-23	6/9/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
Ambient Air Particulate Matter Sampling	South of J9-23-23	6/9/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
Ambient Air Particulate Matter Sampling	Northwest of J9-23-23	6/9/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
Ambient Air Particulate Matter Sampling	Background Location	6/9/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
Ambient Air Particulate Matter Sampling	North of J9-23-23	6/11/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
Ambient Air Particulate Matter Sampling	Southeast of J9-23-23	6/11/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
Ambient Air Particulate Matter Sampling	South of J9-23-23	6/11/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
Ambient Air Particulate Matter Sampling	Northwest of J9-23-23	6/11/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
Ambient Air Particulate Matter Sampling	Background Location	6/11/04	Air	Berkshire Environmental	Particulate Matter	6/15/04
Ambient Air Particulate Matter Sampling	North of J9-23-23	6/15/04	Air	Berkshire Environmental	Particulate Matter	6/25/04
Ambient Air Particulate Matter Sampling	Southeast of J9-23-23	6/15/04	Air	Berkshire Environmental	Particulate Matter	6/25/04
Ambient Air Particulate Matter Sampling	South of J9-23-23	6/15/04	Air	Berkshire Environmental	Particulate Matter	6/25/04
Ambient Air Particulate Matter Sampling	Northwest of J9-23-23	6/15/04	Air	Berkshire Environmental	Particulate Matter	6/25/04
Ambient Air Particulate Matter Sampling	Background Location	6/15/04	Air	Berkshire Environmental	Particulate Matter	6/25/04
Ambient Air Particulate Matter Sampling	North of J9-23-23	6/16/04	Air	Berkshire Environmental	Particulate Matter	6/25/04
Ambient Air Particulate Matter Sampling	Southeast of J9-23-23	6/16/04	Air	Berkshire Environmental	Particulate Matter	6/25/04
Ambient Air Particulate Matter Sampling	South of J9-23-23	6/16/04	Air	Berkshire Environmental	Particulate Matter	6/25/04
Ambient Air Particulate Matter Sampling	Northwest of J9-23-23	6/16/04	Air	Berkshire Environmental	Particulate Matter	6/25/04

TABLE 10-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JUNE 2004

NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Ambient Air Particulate Matter Sampling	Background Location	6/16/04	Air	Berkshire Environmental	Particulate Matter	6/25/04
PCB Ambient Air Sampling	(H) Southwest corner of J9-23-22 (S)	6/3 - 6/4/04	Air	Berkshire Environmental	PCB	6/15/04
PCB Ambient Air Sampling	(L) South side (front) of J9-23-24 (SE)	6/3 - 6/4/04	Air	Berkshire Environmental	PCB	6/15/04
PCB Ambient Air Sampling	(L) South side (front) of J9-23-24 colocated	6/3 - 6/4/04	Air	Berkshire Environmental	PCB	6/15/04
PCB Ambient Air Sampling	(J) Northwest corner of J9-23-22 (NW)	6/3 - 6/4/04	Air	Berkshire Environmental	PCB	6/15/04
PCB Ambient Air Sampling	(K) North side (rear) of J9-23-24 (N)	6/3 - 6/4/04	Air	Berkshire Environmental	PCB	6/15/04
PCB Ambient Air Sampling	Background Inside GE Gate 31	6/3 - 6/4/04	Air	Berkshire Environmental	PCB	6/15/04

TABLE 10-2
DATA RECEIVED DURING JUNE 2004

BUILDING 78 DRUM SAMPLING
NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
BLDG78-D0300-1	6/3/2004	ND(3.3)	66	20	86

Notes:

1. Sample was collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 10-3 for a summary of TCLP constituents.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

TABLE 10-3
DATA RECEIVED DURING JUNE 2004

BUILDING 78 DRUM SAMPLING
NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	BLDG78-D0300-1 6/3/2004	BLDG78-F0026-1 6/3/2004
Volatile Organics			
1,1-Dichloroethene	0.7	ND(0.10)	ND(0.10)
1,2-Dichloroethane	0.5	ND(0.10)	ND(0.10)
2-Butanone	200	ND(0.20)	ND(0.20)
Benzene	0.5	ND(0.10)	ND(0.10)
Carbon Tetrachloride	0.5	ND(0.10)	ND(0.10)
Chlorobenzene	100	ND(0.10)	ND(0.10)
Chloroform	6	ND(0.10)	ND(0.10)
Tetrachloroethene	0.7	ND(0.10)	ND(0.10)
Trichloroethene	0.5	ND(0.10)	ND(0.10)
Vinyl Chloride	0.2	ND(0.10)	ND(0.10)
Semivolatile Organics			
1,4-Dichlorobenzene	7.5	ND(0.050)	ND(0.050)
2,4,5-Trichlorophenol	400	ND(0.050)	ND(0.050)
2,4,6-Trichlorophenol	2	ND(0.050)	ND(0.050)
2,4-Dinitrotoluene	0.13	ND(0.050)	ND(0.050)
Cresol	200	ND(0.050)	ND(0.050)
Hexachlorobenzene	0.13	ND(0.050)	ND(0.050)
Hexachlorobutadiene	0.5	ND(0.050)	ND(0.050)
Hexachloroethane	3	ND(0.050)	ND(0.050)
Nitrobenzene	2	ND(0.050)	ND(0.050)
Pentachlorophenol	100	ND(0.050)	ND(0.050)
Pyridine	5	ND(0.050)	ND(0.050)
Inorganics			
Arsenic	5	ND(0.100)	ND(0.100)
Barium	100	0.720	0.310
Cadmium	1	0.00500 B	0.000870 B
Chromium	5	0.0130 B	0.00840 B
Lead	5	0.890	0.0120 B
Mercury	0.2	ND(0.00200)	0.000390 B
Selenium	1	0.0130 B	0.0170 B
Silver	5	ND(0.0200)	ND(0.0200)

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 10-2 for a summary of PCBs.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

Data Qualifiers:

Inorganics

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

TABLE 10-4
AIR SAMPLE DATA RECEIVED DURING JUNE 2004

PCB AMBIENT AIR CONCENTRATIONS
NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Date	(H) Southwest corner of J9-23-22 (S) (µg/m^3)	(L) South side (front) of J9-23-24 (SE) (µg/m^3)	(L) South side (front) of J9-23-24 colocated (SE) (µg/m^3)	(J) Northwest corner of J9-23-22 (NW) (µg/m^3)	(K) North side (rear) of J9-23-24 (N) (µg/m^3)	Background Inside GE Gate 31 (µg/m^3)
06/03 - 06/04/04	0.0093	0.0219	0.0185	0.0130	0.0184	0.0052
Notification Level	0.05	0.05	0.05	0.05	0.05	0.05

TABLE 10-5
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING JUNE 2004

PARTICULATE AMBIENT AIR CONCENTRATIONS
NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Date	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
06/01/04[1]	North of J9-23-23 Southeast of J9-23-23 South of J9-23-23 Northwest of J9-23-23	NA	NA	NA	NA
06/02/04[1]	North of J9-23-23 Southeast of J9-23-23 South of J9-23-23 Northwest of J9-23-23	NA	NA	NA	NA
06/03/04	North of J9-23-23 Southeast of J9-23-23 South of J9-23-23 Northwest of J9-23-23	0.006* 0.019 0.009 0.010	0.004*	12:00 11:45 12:00 12:00	WNW
06/04/04	North of J9-23-23 Southeast of J9-23-23 South of J9-23-23 Northwest of J9-23-23	0.007* 0.027 0.016 0.008	0.005*	10:30 10:30 10:45 10:30	W, WNW
06/07/04	North of J9-23-23 Southeast of J9-23-23 South of J9-23-23 Northwest of J9-23-23	0.022* 0.042 0.039 0.031	0.016*	10:30 10:30 10:30 10:30	W, WNW
06/08/04	North of J9-23-23 Southeast of J9-23-23 South of J9-23-23 Northwest of J9-23-23	0.054* 0.069 0.058 0.073	0.037*	10:45 10:45 10:45 10:45	W
06/09/04	North of J9-23-23 Southeast of J9-23-23 South of J9-23-23 Northwest of J9-23-23	0.065* 0.092 0.086 0.084	0.040*	11:45 11:45 11:45 11:45	W
06/10/04[1]	North of J9-23-23 Southeast of J9-23-23 South of J9-23-23 Northwest of J9-23-23	NA	NA	NA	NA
06/11/04	North of J9-23-23 Southeast of J9-23-23 South of J9-23-23 Northwest of J9-23-23	0.006* 0.031 0.020 0.009	0.004*	10:30 10:15 10:30 10:30	NNE
06/14/04[1]	North of J9-23-23 Southeast of J9-23-23 South of J9-23-23 Northwest of J9-23-23	NA	NA	NA	NA
06/15/04	North of J9-23-23 Southeast of J9-23-23 South of J9-23-23 Northwest of J9-23-23	0.023* 0.018 0.015 0.037	0.015*	10:15 10:15 10:30 10:15	WNW
06/16/04	North of J9-23-23 Southeast of J9-23-23 South of J9-23-23 Northwest of J9-23-23	0.017* 0.014 0.011 0.027	0.006*	10:45 10:45 10:45 10:45	W, WNW

TABLE 10-5
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING JUNE 2004

PARTICULATE AMBIENT AIR CONCENTRATIONS
NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Date	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
06/17/04[1]	North of J9-23-23 Southeast of J9-23-23 South of J9-23-23 Northwest of J9-23-23	NA	NA	NA	NA
06/18/04[2]	North of J9-23-23 Southeast of J9-23-23 South of J9-23-23 Northwest of J9-23-23	NA	NA	NA	NA
Notification Level		0.120			

NA - Not Available

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

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

[1] Sampling was not performed due to precipitation/threat of precipitation.

[2] Sampling was not performed due to lack of site activity (Phase IV complete).

ITEM 11
NEWELL STREET AREA II
(GECD450)
JUNE 2004

a. Activities Undertaken/Completed

- Conducted miscellaneous sampling (as identified in Table 11-1).
- Continue preparation of 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 Conceptual RD/RA Work Plan (due on or before July 16, 2004).*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

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	Newell-T1-OIL-1	6/7/04	Oil	CT&E	Flashpoint	6/9/04

TABLE 11-2
DATA RECEIVED DURING JUNE 2004

DNAPL OIL FROM TRAILER
NEWELL STREET AREA II
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Parameter	Sample ID: / Date Collected:	Newell-T1-OIL-1 / 06/07/04
Waste Characterization		
Flashpoint (^{o}F)		129

Notes:

1. Sample was collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of flashpoint.
2. EPA designates wastes with a flashpoint of less than 140^{o}F as ignitable hazardous wastes.

ITEM 12
FORMER OXBOW AREAS J & K
(GECD420)
JUNE 2004

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

See attached table.

c. Work Plans/Reports/Documents Submitted

- Submitted letter to EPA regarding disposal of soil to be excavated at Parcel K10-11-5 by the owner of that parcel to gain compensatory flood storage for activities planned by the owner at a property in a different area (June 23, 2004).

- Submitted Supplemental Pre-Design Investigation Report and Additional Sampling Proposal (June 28, 2004).*

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

Initiate additional supplemental sampling upon EPA approval of Supplemental Pre-Design Investigation Report and Additional Sampling Proposal.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 12-1
APPENDIX IX+3 DATA RECEIVED DURING JUNE 2004

SUPPLEMENTAL PRE-DESIGN SOIL INVESTIGATION SAMPLING
FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-E15N / 1-3 / 05/04/04
Semivolatile Organics		
Acenaphthylene		0.16 J

Notes:

1. This result has been revised by the laboratory and supersedes the result reported in Table 12-3 of the May 2004 CD Monthly Report.

Data Qualifiers:

Organics (semivolatiles)

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

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

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

a. Activities Undertaken/Completed

- Conducted spring 2004 restored bank erosion inspection (June 22, 2004).

- On June 24, 2004, BBL (on GE's behalf) performed low-flow water column monitoring at Newell Street Bridge and Lyman Street Bridge as part of the Upper ½ Mile Reach Post-Removal Water Column Monitoring Program. Sampling activities were performed downstream to upstream. Composite grab samples were collected at each location sampled and submitted to Northeast Analytical for analysis of PCBs (total and filtered) 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 recede.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

- Issues relating to TOC content in isolation layer remain to be resolved. EPA and GE have agreed that GE's report on those issues will be deferred until after the seepage meter data are available. Final Completion Report for Upper ½ Mile Reach Removal Action will be submitted following resolution of those issues.

f. Proposed/Approved Work Plan Modifications

None

TABLE 13-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JUNE 2004

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/1/2 Mile Low Flow	Location-2	6/24/04	Water	NEA	PCB, PCB(f), TSS, POC, Chlorophyl-	
Monthly Water Column Sampling/1/2 Mile Low Flow	Location-4	6/24/04	Water	NEA	PCB, PCB(f), TSS, POC, Chlorophyl-	

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

ITEM 14
HOUSATONIC RIVER AREA
1½-MILE REACH
(GECD820)
JUNE 2004

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

a. Activities Undertaken/Completed

On June 24, 2004, BBL (on GE's behalf) performed a round of water column monitoring at nine locations along the Housatonic River between Coltsville, MA and Great Barrington, MA. Two of these locations are situated in the 1½-Mile Reach: Lyman Street Bridge (Location 4) and Pomeroy Avenue Bridge (Location 6A). A composite grab sample was collected at each location and submitted to Northeast Analytical for analysis of PCBs (total), TSS, POC, and chlorophyll-a (see Table 14-1). (The other seven locations are discussed under Item 15 below.)

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled Activities (next six weeks)

- Continue Housatonic River monthly water column monitoring.
- Continue surface water sampling to monitor construction activities in the 1½-Mile Reach.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

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/1/2 Mile Low Flow Sampling	Location-4	6/24/04	Water	NEA	PCB, PCB (f), TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-4	5/27/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	6/11/04
Monthly Water Column Sampling	Location-6A	6/24/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-6A	5/27/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	6/11/04
Water Column Sampling	DAWES-051804-1	5/18/04	Water	NEA	PCB, TSS	6/4/04
Water Column Sampling	DAWES-052504-1	5/25/04	Water	NEA	PCB, TSS	6/11/04
Water Column Sampling	LYMAN-051804-1	5/18/04	Water	NEA	PCB, TSS	6/4/04
Water Column Sampling	LYMAN-052504-1	5/25/04	Water	NEA	PCB, TSS	6/11/04
Water Column Sampling	POMEROY-051804-1	5/18/04	Water	NEA	PCB, TSS	6/4/04
Water Column Sampling	POMEROY-052504-1	5/25/04	Water	NEA	PCB, TSS	6/11/04

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

TABLE 14-2
SAMPLE DATA RECEIVED DURING JUNE 2004

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

Sample ID	Location	Date Collected	Aroclor-1016, -1221, -1232, -1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-4	Lyman Street Bridge	5/27/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	1.82	14.3	0.0039
LOCATION-6A	Pomeroy Ave. Bridge	5/27/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	1.48	12.8	0.0032

Notes:

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

TABLE 14-3
SAMPLE DATA RECEIVED DURING JUNE 2004

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	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	TSS
DAWES-051804-1	Dawes Ave. Bridge	5/18/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.0000290 PE	ND(0.0000220)	0.000190 AG	0.000219	30.1
DAWES-052504-1	Dawes Ave. Bridge	5/25/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.000033 AG	0.000033	7.86
LYMAN-051804-1	Lyman Street Bridge	5/18/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	2.80
LYMAN-052504-1	Lyman Street Bridge	5/25/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	5.65
POMEROY-051804-1	Pomeroy Ave. Bridge	5/18/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.000190 AG	0.000190	13.1
POMEROY-052504-1	Pomeroy Ave. Bridge	5/25/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.0000310 AG	0.0000310	6.82

Notes:
1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to Northeast Analytical, Inc. for analysis of unfiltered PCBs and total suspended solids (TSS).
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. AG - Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
4. PE - Aroclor 1248 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1248 is not present in the sample, but is reported to more accurately quantify PCBs present in a sample that has undergone environmental alteration.

ITEM 15
HOUSATONIC RIVER AREA
REST OF THE RIVER
(GECD850)
JUNE 2004

a. Activities Undertaken/Completed

- On June 24, 2004, BBL (on GE's behalf) performed a round of water column monitoring at nine locations along the Housatonic River between Coltsville and Great Barrington, MA. Two locations are situated in the 1½-Mile Reach of the Housatonic River and were discussed in Item 14. Of the remaining seven locations, two are located upstream of the 1½-Mile Reach: Hubbard Avenue Bridge (Location 1) and Newell Street Bridge (Location 2). The five remaining locations are situated in the Rest of the River: Holmes Road Bridge (Location 7); New Lenox Road Bridge (Location 9); Woods Pond Headwaters (Location 10); Schweitzer Bridge (Location 12); and Division Street Bridge (Location 13). Sampling activities were performed at all these locations on June 24, 2004 from downstream to upstream. Composite grab samples were collected at each location sampled and submitted to Northeast Analytical for analysis of PCBs (total), TSS, POC, and chlorophyll-a (see Table 15-1).

- The Academy of Natural Sciences of Philadelphia (ANSP), on GE's behalf, collected benthic invertebrates at West Cornwall for PCB analysis.

b. Sampling/Test Results

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled Activities (next six weeks)

- Continue Housatonic River monthly water column monitoring.

- Proceed with work on gate stem repairs at Rising Pond Dam as identified in the Structural Integrity Report submitted in June 2003 for that dam and based on the October 2003 gate stem inspection.* Discuss with owner of Rising Pond.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Ongoing issues relating to EPA's risk assessments.*

f. Proposed/Approved Work Plan Modifications

None

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

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)	5/27/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	6/11/04
Monthly Water Column Sampling	HR-D1 (Location-12)	6/24/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-1	5/27/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	6/11/04
Monthly Water Column Sampling	Location-1	6/24/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-10	5/27/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	6/11/04
Monthly Water Column Sampling	Location-10	6/24/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-12	5/27/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	6/11/04
Monthly Water Column Sampling	Location-12	6/24/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-13	6/24/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-13	5/27/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	6/11/04
Monthly Water Column Sampling/1/2 Mile Low Flow	Location-2	6/24/04	Water	NEA	PCB, PCB (f), TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-2	5/27/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	6/11/04
Monthly Water Column Sampling	Location-7	6/24/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-7	5/27/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	6/11/04
Monthly Water Column Sampling	Location-9	5/27/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	6/11/04
Monthly Water Column Sampling	Location-9	6/24/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	

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

TABLE 15-2
SAMPLE DATA RECEIVED DURING JUNE 2004

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

Sample ID	Location	Date Collected	Aroclor-1016, -1221, -1232, -1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-1	Hubbard Ave. Bridge	5/27/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.919	8.17	0.0018
LOCATION-2	Newell Street Bridge	5/27/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	1.15	16.8	0.0027
LOCATION-7	Holmes Rd. Bridge	5/27/2004	ND(0.0000220)	ND(0.0000220)	0.0000240 AF	0.0000370	0.0000610	1.42	15.0	0.0032
LOCATION-9	New Lenox Rd. Bridge	5/27/2004	ND(0.0000220)	0.0000320 PE	0.0000770 AF	0.000170	0.000279	2.50	41.0	0.0049
LOCATION-10	Headwaters of Woods Pond	5/27/2004	ND(0.0000220)	0.0000220 PE	0.0000510 AF	0.000150	0.000223	0.876	12.5	0.0033
LOCATION-12	Schweitzer Bridge	5/27/2004 5/27/2004	ND(0.0000220) [ND(0.0000220)]	ND(0.0000220) [ND(0.0000220)]	0.0000270 AF [0.0000300 AF]	0.0000350 [0.0000400]	0.0000620 [0.0000700]	0.425 [0.493]	4.43 [5.17]	0.0029 [0.0029]
LOCATION-13	Division St. Bridge	5/27/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.914	8.00	0.0038

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to Northeast Analytical, Inc. and/or Aquatec Biological Sciences, for analysis of unfiltered PCBs, total suspended solids (TSS), particulate organic carbon (POC), and chlorophyll (a).
2. Sampling methods involved the collection of composite grab samples at each location, representative of three stations (25, 50, and 75 percent of the total river width at each location) at 50 percent of the total river depth at each station.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. AF - Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
5. 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
6. Field duplicate sample results are presented in brackets.

ITEMS 16 & 17
HOUSATONIC RIVER FLOODPLAIN
RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES
ADJACENT TO 1½-MILE REACH
(GECD710 AND GECD720)
JUNE 2004

a. Activities Undertaken/Completed

- Conducted topsoil and gravel sampling, as identified in Table 16&17-1.

- At GE's request, EPA has agreed to attempt to obtain access permission from owner of Parcel I7-2-46 (Phase 3 property) for sampling.*

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted Release Notification Form for certain Phase 3 Properties to MDEP (June 3, 2004).

d. Upcoming Scheduled Activities (next six weeks)

- Submit Pre-Design Investigation Work Plan Addendum for Phase 4, Group 4A properties (due by July 15, 2004).*

- Work on development of Interim Pre-Design Investigation Report for Phase 3 Properties (due by August 16, 2004).*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- Owner of Parcel I7-2-46 has not signed access agreement to allow sampling at her property.*

- Discuss with EPA schedule for pre-certification inspection and submittal of Final Completion Report for Phase 1 and Phase 2 properties, and ERE for City-owned property in Phase 2.*

f. Proposed/Approved Work Plan Modifications

None

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

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	Matrix	Laboratory	Analyses	Date Received
Topsoil and Gravel Sampling	GRAVEL-052504-1	5/25/04	Soil	CT&E	PCB, VOC, SVOC, Metals	6/1/04
Topsoil and Gravel Sampling	TOPSOIL-052504-1	5/25/04	Soil	CT&E	PCB, VOC, SVOC, Metals	6/1/04

TABLE 16&17-2
DATA RECEIVED DURING JUNE 2004

TOPSOIL AND GRAVEL SAMPLING
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: / Date Collected:	GRAVEL-052504-1 05/25/04	TOPSOIL-052504-1 05/25/04
Volatile Organics		
None Detected	--	--
PCBs		
None Detected	--	--
Semivolatile Organics		
None Detected	--	--
Inorganics		
Arsenic	2.70	5.20
Barium	59.0	33.0
Beryllium	0.160 B	0.320 B
Cadmium	0.120 B	0.260 B
Chromium	5.70	8.60
Cobalt	5.50	6.80
Copper	10.0	12.0
Lead	5.00	13.0
Mercury	ND(0.110)	0.0380 B
Nickel	6.90	10.0
Tin	3.60 B	4.70 B
Vanadium	6.00	8.20
Zinc	22.0	53.0

Notes:
1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs, volatiles, semivolatiles and metals.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Only detected constituents are summarized.
4. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Inorganics

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

ITEM 18
HOUSATONIC RIVER FLOODPLAIN
CURRENT RESIDENTIAL PROPERTIES
DOWNSTREAM OF CONFLUENCE
(ACTUAL/POTENTIAL LAWNS)
(GECD730)
JUNE 2004

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled Activities (next six weeks)

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

ITEM 20
OTHER AREAS
SILVER LAKE AREA
(GECD600)
JUNE 2004

a. Activities Undertaken/Completed

Performed water level monitoring at wells surrounding the lake and the piezometers remaining after the 2003/2004 winter season (see Item 21.a).*

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted letter to EPA regarding owner's plans to excavate soil and upgrade the existing structure on non-bank portion of Parcel I9-9-34 (outside limits of this RAA) (June 23, 2004).

d. Upcoming Scheduled Activities (next six weeks)

Continue water-level monitoring at wells and remaining piezometers.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

GE is engaged in discussions with EPA regarding a pilot study for capping of Silver Lake sediments.*

f. Proposed/Approved Work Plan Modifications

None

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

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

a. Activities Undertaken/Completed

General:

- Initiated preparation of Groundwater Quality Interim Report for Spring 2004.

- Conducted sampling of drummed purge water for disposition characterization.

East Street Area 1-North and South:

- Continued automated groundwater and NAPL pumping at North Side and South Side Caissons. Approximately 4.3 gallons of LNAPL was removed from the North Side Caisson, while no oil was removed from the South Side Caisson in June.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 0.012 liter (0.003 gallon) of LNAPL was removed from wells in this area during June.

East Street Area 2-South:

- Continued automated groundwater and LNAPL removal activities. A total of approximately 5,875,959 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 2,816 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 169 gallons of DNAPL from pumping system RW-3(X).

- Continued routine well monitoring and manual NAPL removal activities. Approximately 2.55 liters (0.67 gallon) of LNAPL and approximately 18.95 liters (5.0 gallons) of DNAPL were recovered from the wells monitored during June.

- Treated/discharged 5,060,058 gallons of water through 64G Groundwater Treatment Facility.

East Street Area 2-North:

- Continued routine well monitoring and manual NAPL removal activities. Recoverable quantities of NAPL were not encountered in any of the wells monitored during June.

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
JUNE 2004

a. Activities Undertaken/Completed (cont'd)

20s, 30s, and 40s Complexes:

- Continued routine well monitoring and manual NAPL removal activities. Recoverable quantities of NAPL were not encountered in any of the wells monitored in June.

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

Lyman Street Area:

- Continued automated groundwater and NAPL removal activities. Recoverable quantities of NAPL were not encountered in any of the wells monitored in June.

- Continued routine well monitoring and manual NAPL removal activities and conducted semi-annual bailing round at all wells that contained NAPL in 2003. Approximately 3.0 liters (0.79 gallon) of LNAPL and approximately 0.54 liter (0.14 gallon) of DNAPL were removed from wells located in this area.

Newell Street Area II:

- Continued automated DNAPL recovery, with the collection of approximately 114 gallons of DNAPL from the automated collection systems.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 1.31liters (0.35 gallon) of DNAPL were removed from wells in this area.

Silver Lake:

- Continued routine monitoring of wells around lake and the piezometers remaining after the 2003/2004 winter season.

b. Sampling/Test Results Received

See attached tables.

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
JUNE 2004

c. Work Plans/Reports/Documents Submitted

- Submitted response to MDEP NOR letter related to LNAPL observed in the Building 43 elevator shaft (June 4, 2004).

- Submitted letter summarizing modifications to the interim monitoring program (June 15, 2004).

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

- Continue routine monitoring.

- Install two monitoring wells (139R and GMA1-18) to replace wells that could not be sampled in spring 2004.

- Decommission well 139.

- Possibly install two soil borings downgradient of wells GMA1-15 and GMA1-16 upon EPA approval (see Item 21.f below).

- Submit Groundwater Quality Interim Report for Spring 2004 (due on or before August 2, 2004).

- Submit a proposal for abandonment of Building 43 elevator shaft.

- Conduct summer 2004 groundwater elevation monitoring event.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

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

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

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Building 12 Drum B0684 Sampling	BLDG12-B0684-WATER-1	6/7/04	Water	CT&E	PCB, VOC, SVOC, RCRA	6/16/04
Purgewater from Drum B0679 Drum	BLDG12-B0679-WATER-1	6/7/04	Water	CT&E	PCB, VOC, SVOC, RCRA	6/16/04
Purgewater from Drum B0687 Drum	BLDG12-B0687-WATER-1	6/7/04	Water	CT&E	PCB, SVOC, RCRA Metals	6/16/04
Purgewater from Drum E0054 Sampling	BLDG78-E0054-WATER-1	6/7/04	Water	CT&E	PCB, VOC, SVOC, RCRA	6/16/04

TABLE 21-2
DATA RECEIVED DURING JUNE 2004

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

Parameter / Sample ID: / Date Collected:	BLDG12-B0679-WATER-1 06/07/04	BLDG12-B0684-WATER-1 06/07/04	BLDG12-B0687-WATER-1 06/07/04	BLDG78-E0054-WATER-1 06/07/04
Volatile Organics				
Methylene Chloride	0.0014 J	ND(0.0050)	NA	ND(0.0050)
PCBs-Unfiltered				
Aroclor-1254	ND(0.000065)	0.00013	0.00034	ND(0.000065)
Aroclor-1260	ND(0.000065)	0.000030 J	ND(0.000065)	ND(0.000065)
Total PCBs	ND(0.000065)	0.00016	0.00034	ND(0.000065)
Semivolatile Organics				
bis(2-Ethylhexyl)phthalate	0.0073	0.0030 J	0.0036 J	ND(0.0060)
Inorganics-Unfiltered				
Arsenic	0.0660	ND(0.00500)	0.00460 B	0.00560
Barium	0.460	0.0140	0.130	0.120
Cadmium	0.00570	0.000910 B	0.00140	0.00160
Chromium	0.130	0.00910	0.00660	0.0150
Lead	0.0980	ND(0.00500)	0.00790	0.0110
Mercury	0.000210	0.0000600 B	ND(0.000200)	0.000730
Selenium	0.00580	ND(0.00500)	ND(0.00500)	ND(0.00500)
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	0.00180 B

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

Data Qualifiers:

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

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

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

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

Caisson	Month	Vol. LNAPL Collected (gallon)	Vol. Water Recovered (gallon)	Percent Downtime
Northside	June 2003	0.0	20,800	
	July 2003	0.0	23,100	
	August 2003	0.0	13,800	
	September 2003	5.0	26,800	0.074 Power Outage
	October 2003	0.0	22,700	
	November 2003	0.0	37,300	
	December 2003	0.0	47,300	
	January 2004	2.5	23,700	0.40
	February 2004	0.0	16,300	
	March 2004	0.0	22,500	0.27 - Power Outage
	April 2004	1.0	29,100	
	May 2004	0.0	22,300	
	June 2004	4.3	28,500	
Southside	June 2003	0.0	100,100	
	July 2003	2.0	101,000	
	August 2003	0.0	65,900	1.19
	September 2003	0.0	77,600	0.074 Power Outage
	October 2003	0.0	94,000	
	November 2003	0.0	85,100	
	December 2003	0.0	106,600	
	January 2004	2.5	72,500	0.40
	February 2004	0.0	5,400	
	March 2004	0.0	68,200	0.27 - Power Outage
	April 2004	1.0	74,600	
	May 2004	0.0	71,500	
	June 2004	0.0	75,300	

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

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	June 2004 Removal (liters)
34	6/24/2004	5.78	5.77	0.01	0.006	0.006
72	6/24/2004	5.57	5.56	0.01	0.006	0.006

Total Manual LNAPL Removal for June 2004: 0.012 liters
0.003 gallons

NOTE:

1. ft BMP - feet Below Measuring Point.

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

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA 1 - East Street Area 1 - North									
North Cassion	997.84	6/3/2004	18.28	18.27	0.01	---	19.80	0.00	979.57
North Cassion	997.84	6/11/2004	18.54	18.52	0.02	---	19.80	0.00	979.32
North Cassion	997.84	6/16/2004	18.19	18.18	0.01	---	19.80	0.00	979.66
North Cassion	997.84	6/23/2004	18.21	18.18	0.03	---	19.80	0.00	979.66
North Cassion	997.84	6/30/2004	18.16	18.13	0.03	---	19.80	0.00	979.71
GMA 1 - East Street Area 1 - South									
31R	1,000.23	6/24/2004	9.18	---	0.00	---	15.07	0.00	991.05
33	999.50	6/24/2004	6.27	---	0.00	---	21.40	0.00	993.23
34	999.90	6/24/2004	5.78	5.77	0.01	---	21.02	0.00	994.13
72	1,000.62	6/24/2004	5.57	5.56	0.01	---	22.01	0.00	995.06
72R	1,000.92	6/24/2004	6.51	---	0.00	---	13.31	0.00	994.41
South Cassion	1,001.11	6/3/2004	12.64	12.63	0.01	---	15.00	0.00	988.48
South Cassion	1,001.11	6/11/2004	7.50	P	< 0.01	---	15.00	0.00	993.61
South Cassion	1,001.11	6/16/2004	8.58	8.57	0.01	---	15.00	0.00	992.54
South Cassion	1,001.11	6/23/2004	9.18	P	< 0.01	---	15.00	0.00	991.93
South Cassion	1,001.11	6/30/2004	9.19	9.18	0.01	---	15.00	0.00	991.93

NOTES:

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

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
June 2004

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
40R	June 2003	0		
	July 2003	0		
	August 2003	0		
	September 2003	0		
	October 2003	0		
	November 2003	0		
	December 2003	0		
	January 2004	0		
	February 2004	0		0.3
	March 2004	0		0.27 - Power Outage
	April 2004	0		
	May 2004	0		
	June 2004	0		
64R	June 2003	175	483,000	
	July 2003	750	525,200	
	August 2003	300	580,600	
	September 2003	1,150	639,200	
	October 2003	975	717,300	
	November 2003	200	563,400	
	December 2003	625	290,500	
	January 2004	50	233,000	
	February 2004	250	1,015,000	0.3
	March 2004	325	897,300	0.94 - Power Outage
	April 2004	975	705,000	
	May 2004	125	629,500	
	June 2004	736	923,500	
64S System	June 2003	950	276,675	
	July 2003	750	48,725	
	August 2003	38	302,161	
	September 2003	0	443,631	
	October 2003	150	983,801	
	November 2003	1,198	1,041,476	
	December 2003	925	1,529,896	1.6 - Low Voltage
	January 2004	1,054	1,237,777	
	February 2004	224	651,804	3.88
	March 2004	1,271	802,349	1.88 - Power Outage
	April 2004	1,374	947,810	
	May 2004	1,045	1,062,518	
	June 2004	772	968,659	
64V	June 2003	408	1,092,800	
	July 2003	408	1,184,900	
	August 2003	391	1,026,400	
	September 2003	867	1,020,100	
	October 2003	1,071	1,482,600	
	November 2003	1,377	1,309,800	
	December 2003	2,261	1,719,700	6.7 - Replaced Pump
	January 2004	1,768	1,366,300	
	February 2004	408	1,091,800	0.3
	March 2004	1,173	1,370,200	0.27 - Power Outage
	April 2004	1,598	1,212,000	
	May 2004	933	1,313,100	
	June 2004	879	1,444,400	

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
June 2004

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64X	June 2003	25	403,200	
	July 2003	20	500,300	
	August 2003	30	403,200	
	September 2003	15	403,200	
	October 2003	10	460,800	
	November 2003	10	403,200	
	December 2003	5	504,000	3.2 - Cleaned Flow Meter
	January 2004	10	676,800	
	February 2004	2	403,200	0.3
	March 2004	4	504,000	0.27 - Power Outage
	April 2004	0	388,800	
	May 2004	10	403,200	
	June 2004	5	518,400	
RW-2(X)	June 2003	0	337,800	
	July 2003	0	504,000	
	August 2003	0	481,800	
	September 2003	0	403,800	
	October 2003	0	498,300	
	November 2003	0	461,400	
	December 2003	0	917,800	
	January 2004	0	403,200	
	February 2004	0	580,000	0.3
	March 2004	0	644,300	0.27 - Power Outage
	April 2004	0	518,200	
	May 2004	0	427,200	
	June 2004	0	458,500	
RW-1(S) [1]	June 2003	0	806,285	
	July 2003	0	821,262	
	August 2003	12	776,403	
	September 2003	50	811,790	
	October 2003	25	1,303,720	
	November 2003	52	1,155,983	
	December 2003	0	1,677,094	
	January 2004	96	1,196,628	
	February 2004	51	832,544	0.3
	March 2004	31	1,114,375	0.27 - Power Outage
	April 2004	76	1,012,477	
	May 2004	36	1,056,169	
	June 2004	419	1,108,600	
RW-1(X)	June 2003	0	502,100	
	July 2003	0	541,200	
	August 2003	0	499,300	
	September 2003	10	486,700	
	October 2003	0	690,100	
	November 2003	0	488,500	
	December 2003	0	575,100	3.2 - Cleaned Flow Meter
	January 2004	0	426,600	
	February 2004	0	382,600	0.3
	March 2004	1	502,100	0.27 - Power Outage
	April 2004	0	387,100	
	May 2004	0	397,200	
	June 2004	5.1	453,900	

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
June 2004

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
RW-3(X)	June 2003	27		
	July 2003	56		
	August 2003	54		
	September 2003	55		
	October 2003	56		
	November 2003	55		
	December 2003	56		
	January 2004	70		
	February 2004	49		0.3
	March 2004	75		0.27 - Power Outage
	April 2004	79		
	May 2004	55		
	June 2004	169		

Summary of Total Automated Removal		
LNAPL:	**2,816**	**Gallons**
DNAPL:	**169**	**Gallons**
Water:	**5,875,959**	**Gallons**

Notes:

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

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

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	June 2004 Removal (liters)
13	6/23/2004	17.04	16.92	0.12	0.074	0.074
14	6/23/2004	17.23	17.21	0.02	0.012	0.012
55	6/23/2004	16.66	16.38	0.28	0.173	0.173
GMA1-15	6/23/2004	15.45	14.75	0.70	0.432	0.432
GMA1-16	6/23/2004	13.30	12.75	0.55	0.339	0.339
GMA1-17W	6/23/2004	16.50	14.04	2.46	1.518	1.518

Total LNAPL Removal 20's, 30's & 40's Complexs for June 2004: 0.000 liters
0.000 gallons

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

Total LNAPL Removal East Street Area 2 - South for June 2004: 2.548 liters
0.672 gallons

Total LNAPL Removal for June 2004: 2.548 liters
0.672 gallons

NOTE:

1. ft BMP - feet Below Measuring Point.

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

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

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	June 2004 Removal (liters)
64V	6/30/2004	21.80	27.20	2.40	18.950	18.950

Total DNAPL Removal 20's, 30's & 40's Complexs for June 2004: 0.000 liters
0.000 gallons

Total DNAPL Removal East Street Area 2 - North for June 2004: 0.000 liters
0.000 gallons

Total DNAPL Removal East Street Area 2 - South for June 2004: 18.950 liters
5.000 gallons

Total DNAPL Removal for June 2004: 18.950 liters
5.000 gallons

NOTE:

1. ft BMP - feet Below Measuring Point.

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

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

Date	Housatonic River Discharge (gallons)	Recharge Pond Discharge (gallons)	Total Discharge (gallons)
June 2003	3,603,998	319,326	3,923,324
July 2003	2,785,280	429,342	3,214,622
August 2003	3,810,650	339,323	4,149,973
September 2003	4,336,220	294,016	4,630,236
October 2003	5,428,939	251,753	5,680,692
November 2003	5,599,600	108,107	5,707,707
December 2003	6,406,420	60,343	6,466,763
January 2004	6,158,960	132,862	6,291,822
February 2004	4,883,690	186,281	5,069,971
March 2004	5,462,280	112,985	5,575,265
April 2004	5,406,760	169,598	5,576,358
May 2004	5,678,620	236,862	5,915,482
June 2004	4,709,390	350,668	5,060,058

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

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

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
30's Complex									
95-15	986.38	6/24/2004	7.75	---	0.00	---	16.60	0.00	978.63
GMA1-10	984.86	6/24/2004	7.08	---	0.00	---	19.86	0.00	977.78
GMA1-12	992.26	6/24/2004	16.12	---	0.00	---	22.15	0.00	976.14
RF-02	982.43	6/24/2004	5.38	---	0.00	---	18.30	0.00	977.05
RF-03	985.40	6/24/2004	9.61	---	0.00	---	18.44	0.00	975.79
RF-03D	985.31	6/24/2004	7.17	---	0.00	---	36.02	0.00	978.14
RF-16	987.91	6/24/2004	8.90	---	0.00	---	20.72	0.00	979.01
40s Complex									
Bldg. 43 Elev.	NA	6/1/2004	25.64	25.63	0.01	---	61.69	0.00	NA
Bldg. 43 Elev.	NA	6/7/2004	26.05	26.04	0.01	---	61.69	0.00	NA
Bldg. 43 Elev.	NA	6/14/2004	26.70	26.69	0.01	---	61.69	0.00	NA
Bldg. 43 Elev.	NA	6/21/2004	27.38	27.37	0.01	---	61.69	0.00	NA
Bldg. 43 Elev.	NA	6/24/2004	27.38	27.37	0.01	---	61.69	0.00	NA
95-17	1,007.67	6/24/2004	24.14	---	0.00	---	28.70	0.00	983.53
East Street Area 2 - South									
13	990.88	6/23/2004	17.04	16.92	0.12	---	22.50	0.00	973.95
14	991.61	6/23/2004	17.23	17.21	0.02	---	25.74	0.00	974.40
15R	989.23	6/23/2004	15.18	---	0.00	---	19.64	0.00	974.05
26RR	1,000.58	6/24/2004	20.05	---	0.00	---	28.62	0.00	980.53
40R	991.60	6/3/2004	15.50	---	0.00	---	NA	NA	976.10
40R	991.60	6/11/2004	14.02	---	0.00	---	NA	NA	977.58
40R	991.60	6/16/2004	14.33	---	0.00	---	NA	NA	977.27
40R	991.60	6/23/2004	16.40	---	0.00	---	NA	NA	975.20
40R	991.60	6/30/2004	16.77	---	0.00	---	NA	NA	974.83
49R	988.71	6/23/2004	15.21	---	0.00	---	24.88	0.00	973.50
49RR	989.80	6/23/2004	16.20	---	0.00	---	23.06	0.00	973.60
55	989.45	6/23/2004	16.66	16.38	0.28	---	30.04	0.00	973.05
64R	993.37	6/3/2004	15.76	15.22	0.54	---	19.00	0.00	978.11
64R	993.37	6/11/2004	16.05	15.53	0.52	---	19.00	0.00	977.80
64R	993.37	6/16/2004	16.17	15.77	0.40	---	19.00	0.00	977.57
64R	993.37	6/23/2004	16.85	16.45	0.40	---	19.00	0.00	976.89
64R	993.37	6/30/2004	17.36	17.27	0.09	---	19.00	0.00	976.09
64S	984.48	6/3/2004	13.80	---	0.00	---	28.70	0.00	970.68
64S	984.48	6/11/2004	14.02	---	0.00	---	28.70	0.00	970.46
64S	984.48	6/16/2004	14.00	---	0.00	---	28.70	0.00	970.48
64S	984.48	6/23/2004	14.38	---	0.00	---	28.70	0.00	970.10
64S	984.48	6/30/2004	14.08	---	0.00	---	28.70	0.00	970.40
64S-Caisson	NA	6/3/2004	9.82	9.48	0.34	---	14.55	0.00	NA
64S-Caisson	NA	6/11/2004	9.60	9.49	0.11	---	14.55	0.00	NA
64S-Caisson	NA	6/16/2004	9.50	9.42	0.08	---	14.55	0.00	NA
64S-Caisson	NA	6/23/2004	9.58	9.48	0.10	---	14.55	0.00	NA
64S-Caisson	NA	6/30/2004	9.66	9.47	0.19	---	14.55	0.00	NA
64V	987.29	6/3/2004	22.14	21.56	0.58	---	29.60	0.00	965.69

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

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
64V	987.29	6/11/2004	22.20	21.68	0.52	---	29.60	0.00	965.57
64V	987.29	6/16/2004	22.08	21.25	0.83	P	29.60	< 0.01	965.98
64V	987.29	6/23/2004	20.75	20.14	0.61	26.15	29.60	3.45	967.11
64V	987.29	6/30/2004	21.80	21.60	0.20	27.20	29.60	2.40	965.68
64X(N)	984.83	6/3/2004	9.22	9.11	0.11	---	15.85	0.00	975.71
64X(N)	984.83	6/11/2004	10.81	10.67	0.14	---	15.85	0.00	974.15
64X(N)	984.83	6/16/2004	11.50	11.33	0.17	---	15.85	0.00	973.49
64X(N)	984.83	6/23/2004	11.74	P	< 0.01	---	15.85	0.00	973.09
64X(N)	984.83	6/30/2004	11.67	11.46	0.21	---	15.85	0.00	973.36
64X(S)	981.56	6/3/2004	11.33	P	< 0.01	---	23.82	0.00	970.23
64X(S)	981.56	6/11/2004	13.35	P	< 0.01	---	23.82	0.00	968.21
64X(S)	981.56	6/16/2004	14.92	P	< 0.01	---	23.82	0.00	966.64
64X(S)	981.56	6/23/2004	14.03	---	0.00	---	23.82	0.00	967.53
64X(S)	981.56	6/30/2004	13.56	P	< 0.01	---	23.82	0.00	968.00
64X(W)	984.87	6/3/2004	14.56	P	< 0.01	---	24.35	0.00	970.31
64X(W)	984.87	6/11/2004	16.54	16.53	0.01	---	24.35	0.00	968.34
64X(W)	984.87	6/16/2004	17.13	---	0.00	---	24.35	0.00	967.74
64X(W)	984.87	6/23/2004	17.26	---	0.00	---	24.35	0.00	967.61
64X(W)	984.87	6/30/2004	16.76	P	< 0.01	---	24.35	0.00	968.11
95-01	983.77	6/23/2004	9.61	---	0.00	---	17.19	0.00	974.16
3-6C-EB-22	986.94	6/23/2004	13.68	---	0.00	---	20.02	0.00	973.26
E2SC-23	992.07	6/23/2004	16.43	---	0.00	---	21.16	0.00	975.64
E2SC-24	987.90	6/23/2004	15.51	---	0.00	---	21.63	0.00	972.39
GMA1-14	997.43	6/23/2004	17.60	---	0.00	---	23.66	0.00	979.83
GMA1-15	988.59	6/23/2004	15.45	14.75	0.70	---	17.84	0.00	973.79
GMA1-16	986.82	6/23/2004	13.30	12.75	0.55	---	20.01	0.00	974.03
GMA1-17E	993.03	6/23/2004	14.41	---	0.00	---	17.35	0.00	978.62
GMA1-17W	992.63	6/23/2004	16.50	14.04	2.46	---	23.34	0.00	978.42
HR-G2-MW-1	982.60	6/23/2004	10.65	---	0.00	---	18.24	0.00	971.95
HR-G2-MW-2	981.39	6/23/2004	8.49	---	0.00	---	17.67	0.00	972.90
HR-G2-MW-3	987.14	6/23/2004	14.44	---	0.00	---	22.00	0.00	972.70
HR-G2-RW-1	976.88	6/23/2004	6.10	6.08	0.02	---	18.72	0.00	972.34
RW-1(S)	987.23	6/3/2004	16.71	16.57	0.14	---	28.60	0.00	970.65
RW-1(S)	987.23	6/11/2004	12.91	12.80	0.11	P	28.60	< 0.01	974.42
RW-1(S)	987.23	6/16/2004	16.92	16.75	0.17	---	28.60	0.00	970.47
RW-1(S)	987.23	6/23/2004	16.68	16.59	0.09	---	28.60	0.00	970.63
RW-1(S)	987.23	6/30/2004	16.83	16.42	0.41	---	28.60	0.00	970.78
RW-1(X)	982.68	6/3/2004	10.91	10.31	0.60	---	20.80	0.00	972.33
RW-1(X)	982.68	6/11/2004	12.91	12.80	0.11	---	20.80	0.00	969.87
RW-1(X)	982.68	6/16/2004	14.83	14.81	0.02	---	20.80	0.00	967.87
RW-1(X)	982.68	6/23/2004	13.98	P	< 0.01	---	20.80	0.00	968.70
RW-1(X)	982.68	6/30/2004	14.12	14.07	0.05	---	20.80	0.00	968.61
RW-2(X)	985.96	6/3/2004	10.29	---	0.00	---	15.30	0.00	975.67
RW-2(X)	985.96	6/11/2004	12.01	---	0.00	---	15.30	0.00	973.95

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

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
RW-2(X)	985.96	6/16/2004	12.67	---	0.00	---	15.30	0.00	973.29
RW-2(X)	985.96	6/23/2004	13.08	---	0.00	---	15.30	0.00	972.88
RW-2(X)	985.96	6/30/2004	12.84	---	0.00	---	15.30	0.00	973.12
RW-3(X)	980.28	6/3/2004	9.57	---	0.00	41.73	44.40	2.67	970.71
RW-3(X)	980.28	6/11/2004	7.76	---	0.00	41.75	44.40	2.65	972.52
RW-3(X)	980.28	6/16/2004	8.33	---	0.00	41.50	44.40	2.90	971.95
RW-3(X)	980.28	6/23/2004	8.60	---	0.00	43.84	44.40	0.56	971.68
RW-3(X)	980.28	6/30/2004	8.60	---	0.00	42.40	44.40	2.00	971.68
Housatonic River									
SG-HR-1	990.73	6/4/2004	13.48	---	---	---	---	---	977.25
SG-HR-1	990.73	6/11/2004	18.60	---	---	---	---	---	972.13
SG-HR-1	990.73	6/18/2004	19.45	---	---	---	---	---	971.28
SG-HR-1	990.73	6/23/2004	19.46	---	---	---	---	---	971.27

NOTES:

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

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

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

Month / Year	Volume Water Pumped (gallon)	RW-1R LNAPL Recovered (gallon)	RW-1 DNAPL Recovered (gallon)	RW-3 LNAPL Recovered (gallon)
June 2002	264,424	---	---	15
July 2002	219,781	13	---	5
August 2002	127,581	---	---	15
September 2002	165,634	4	---	10
October 2002	271,056	---	---	15
November 2002	264,950	---	---	5
December 2002	316,482	2	---	23
January 2003	272,679	---	---	20
February 2003	228,093	---	---	20
March 2003	287,152	---	---	20
April 2003	518,782	---	---	10
May 2003	281,349	---	---	10
June 2003	266,987	---	---	10
July 2003	244,776	---	---	10
August 2003	290,984	---	---	10
September 2003	309,162	---	---	20
October 2003	485,653	---	---	20
November 2003	363,979	---	---	10
December 2003	490,517	---	---	---
January 2004	299,584	---	---	---
February 2004	305,485	---	---	---
March 2004	409,514	---	---	---
April 2004	344,707	---	---	1
May 2004	307,361	---	---	---
June 2004	410,230	---	---	---

NOTES

1. Volume of water pumped is total from Wells RW-1/1(R), RW-2, and RW-3.
2. As of September 9, 1998, RW-1 was replaced by RW-1(R) for active LNAPL recovery.
3. --- indicates LNAPL or DNAPL was not present in a measurable or recoverable quantity.
4. There was approximately 6% downtime during the month of June 2004.

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

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	June 2004 Removal (liters)
RW-1	6/16/2004	11.75	---	0.00	3.000	3.000

Total Manual LNAPL Removal for June 2004: 3.000 liters
0.792 gallons

NOTES:

1. ft BMP - feet Below Measuring Point.

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

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

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	June 2004 Removal (liters)
LSSC-07	6/4/2004	6.50	24.56	0.52	0.32	0.513
	6/11/2004	8.81	24.9	0.18	0.111	
	6/18/2004	9.76	24.86	0.22	0.014	
	6/23/2004	9.93	24.97	0.11	0.068	
LSSC-08I	6/18/2004	11.43	23.38	0.01	0.006	0.006
LSSC-16I	6/23/2004	8.25	28.5	0.04	0.025	0.025

Total Manual DNAPL Removal for June 2004: 0.544 liters
0.143 gallons

NOTES:

1. ft BMP - feet Below Measuring Point.

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

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
E-07	982.87	6/23/2004	6.78	---	0.00	---	19.79	0.00	976.09
EPA-1	NA	6/23/2004	11.03	---	0.00	---	22.66	0.00	NA
LS-24	986.58	6/23/2004	13.71	---	0.00	---	15.21	0.00	972.87
LS-30	986.44	6/23/2004	13.04	---	0.00	22.01	22.22	0.21	973.40
LS-31	987.09	6/23/2004	12.93	12.92	0.01	23.2	23.32	0.12	974.17
LS-38	986.95	6/23/2004	14.74	---	0.00	---	25.06	0.00	972.21
LS-44	980.78	6/23/2004	8.81	---	0.00	---	24.79	0.00	971.97
LSSC-07	982.48	6/4/2004	6.50	---	0.00	24.56	25.08	0.52	975.98
LSSC-07	982.48	6/11/2004	8.81	---	0.00	24.9	25.08	0.18	973.67
LSSC-07	982.48	6/18/2004	9.76	---	0.00	24.86	25.08	0.22	972.72
LSSC-07	982.48	6/23/2004	9.93	---	0.00	24.97	25.08	0.11	972.55
LSSC-08I	983.13	6/4/2004	6.70	---	0.00	---	23.40	0.00	976.43
LSSC-08I	983.13	6/11/2004	10.36	---	0.00	---	23.38	0.00	972.77
LSSC-08I	983.13	6/18/2004	11.43	---	0.00	23.38	23.39	0.01	971.70
LSSC-08I	983.13	6/23/2004	11.42	---	0.00	---	23.39	0.00	971.71
LSSC-08S	983.11	6/23/2004	11.45	---	0.00	---	14.69	0.00	971.66
LSSC-16I	980.88	6/23/2004	8.25	---	0.00	28.5	28.54	0.04	972.63
LSSC-18	987.32	6/23/2004	14.42	---	0.00	---	18.58	0.00	972.90
LSSC-32	980.68	6/23/2004	8.40	---	0.00	---	35.24	0.00	972.28
LSSC-33	980.49	6/23/2004	8.21	---	0.00	---	29.75	0.00	972.28
MW-6R	985.14	6/23/2004	10.31	---	0.00	---	13.92	0.00	974.83
RW-1	984.88	6/3/2004	10.06	---	0.00	P	21.00	< 0.01	974.82
RW-1	984.88	6/11/2004	10.50	---	0.00	20.70	21.00	0.30	974.38
RW-1	984.88	6/16/2004	11.75	---	0.00	20.67	21.00	0.33	973.13
RW-1	984.88	6/23/2004	12.34	---	0.00	20.90	21.00	0.10	972.54
RW-1	984.88	6/30/2004	12.35	---	0.00	20.67	21.00	0.33	972.53
RW-1 (R)	985.07	6/3/2004	15.11	---	0.00	---	20.42	0.00	969.96
RW-1 (R)	985.07	6/11/2004	15.83	---	0.00	---	20.42	0.00	969.24
RW-1 (R)	985.07	6/16/2004	16.83	---	0.00	---	20.42	0.00	968.24
RW-1 (R)	985.07	6/23/2004	15.78	---	0.00	---	20.42	0.00	969.29
RW-1 (R)	985.07	6/30/2004	15.62	P	< 0.01	P	20.42	< 0.01	969.45
RW-2	987.82	6/3/2004	13.35	---	0.00	---	21.75	0.00	974.47
RW-2	987.82	6/11/2004	15.17	---	0.00	---	21.75	0.00	972.65
RW-2	987.82	6/16/2004	18.42	---	0.00	---	21.75	0.00	969.40
RW-2	987.82	6/23/2004	18.34	---	0.00	---	21.75	0.00	969.48
RW-2	987.82	6/30/2004	13.40	---	0.00	---	21.75	0.00	974.42
RW-3	984.08	6/3/2004	9.57	P	< 0.01	---	21.57	0.00	974.51
RW-3	984.08	6/11/2004	10.83	P	< 0.01	---	21.57	0.00	973.25
RW-3	984.08	6/16/2004	13.08	13.04	0.04	---	21.57	0.00	971.04
RW-3	984.08	6/23/2004	16.64	16.63	0.01	---	21.57	0.00	967.45
RW-3	984.08	6/30/2004	16.42	16.41	0.01	---	21.57	0.00	967.67
Housatonic River (Lyman Street Bridge)									
BM-2A	986.32	6/4/2004	8.82	---	---	---	---	---	977.50
BM-2A	986.32	6/11/2004	14.15	---	---	---	---	---	972.17
BM-2A	986.32	6/18/2004	15.05	---	---	---	---	---	971.27
BM-2A	986.32	6/23/2004	15.06	---	---	---	---	---	971.26

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

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

NOTES:

1. ft BMP - feet Below Measuring Point.
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity.
3. NA indicates information not available.
4. P indicates that LNAPL or DNAPL is present at a thickness that is < 0.01 feet. The corresponding thickness is recorded as such.
5. The Housatonic River Gauge was removed by Maxymillian Technologies on July 8, 2002 during construction activities. A survey reference point (BM-2A) was established on the Lyman Street Bridge. The "Depth to Water" value(s) provided in the above table refer to the vertical distance from the surveyed reference point to the water

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

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

Recovery System	Date	Total Gallons Recovered
System 1	June 2003	27.0
	July 2003	28.0
	August 2003	53.0
	September 2003	26.0
	October 2003	56.0
	November 2003	27.0
	December 2003	47.0
	January 2004	24.0
	February 2004	25.5
	March 2004	25.3
	April 2004	26.4
	May 2004	16.0
	June 2004	16.5
System 2	June 2003	114.0
	July 2003	130.0
	August 2003	115.0
	September 2003	390.0
	October 2003	227.0
	November 2003	146.0
	December 2003	182.0
	January 2004	128.0
	February 2004	139.0
	March 2004	112.0
	April 2004	320.0
	May 2004	138.8
	June 2004	97.2
Total Automated DNAPL Removal for June 2004:		**113.7 Gallons**

NOTES

1. System 1 wells are NS-15, NS-30, and NS-32.
2. System 2 wells are N2SC-01I, N2SC-02, N2SC-03I, and N2SC-14.
3. There was no downtime during the month of June 2004.

TABLE 21-16
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

CONSENT DECREE MONTHLY STATUS REPORT
GROUNDWATER MANAGEMENT AREA 1 - NEWELL STREET AREA II
MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL
June 2004

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	June 2004 Removal (liters)
N2SC-02	6/23/2004	12.92	40.38	0.04	0.025	0.025
N2SC-07	6/23/2004	12.38	38.13	0.02	0.012	0.012
N2SC-08	6/23/2004	12.28	40.5	2.07	1.277	1.277

Total DNAPL Removal for June 2004: 1.314 liters
0.347 gallons

NOTE:

1. ft BMP - feet Below Measuring Point.

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

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
N2SC-02	985.56	6/23/2004	12.92	---	0.00	40.38	40.42	0.04	972.64
N2SC-07	984.61	6/23/2004	12.38	---	0.00	38.13	38.15	0.02	972.23
N2SC-08	986.07	6/23/2004	12.28	---	0.00	40.5	42.57	2.07	973.79

NOTES:

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

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

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Monitoring Wells Adjacent to Silver Lake									
SLGW-01S	982.94	6/24/2004	7.15	---	0.00	---	16.25	0.00	975.79
SLGW-01D	983.13	6/24/2004	4.41	---	0.00	---	36.98	0.00	978.72
SLGW-02S	985.39	6/24/2004	8.03	---	0.00	---	16.78	0.00	977.36
SLGW-02D	985.10	6/24/2004	7.33	---	0.00	---	36.9	0.00	977.77
SLGW-03S	980.21	6/24/2004	4.44	---	0.00	---	14.64	0.00	975.77
SLGW-03D	979.14	6/24/2004	1.15	---	0.00	---	32.09	0.00	977.99
SLGW-04S	984.02	6/24/2004	8.30	---	0.00	---	16.68	0.00	975.72
SLGW-04D	983.51	6/24/2004	5.93	---	0.00	---	37.16	0.00	977.58
SLGW-05S	979.12	6/24/2004	3.38	---	0.00	---	11.68	0.00	975.74
SLGW-05D	979.3	6/24/2004	3.48	---	0.00	---	34.91	0.00	975.82
SLGW-06S	981.66	6/24/2004	5.65	---	0.00	---	13.75	0.00	976.01
SLGW-06D	981.63	6/24/2004	5.61	---	0.00	---	34.98	0.00	976.02
Piezometers within Silver Lake									
SLPZ-01 (GW)	981.5	6/24/2004	5.27	---	0.00	---	31.71	0.00	976.23
SLPZ-01 (SW)	981.5	6/24/2004	5.73	---	0.00	---	12.92	0.00	975.77
SLPZ-02 (GW)	982.1	6/24/2004	4.60	---	0.00	---	37.19	0.00	977.50
SLPZ-02 (SW)	982.1	6/24/2004	6.24	---	0.00	---	16.28	0.00	975.86
SLPZ-03	981.6	Destroyed during winter 2003/2004.							NA
SLPZ-04 (GW)	977.6	6/24/2004	Water to the top of the casing.						NA
SLPZ-04 (SW)	977.6	6/24/2004	1.65	---	0.00	---	16.61	0.00	975.95
SLPZ-05	NA	Destroyed during winter 2003/2004.							NA
SLPZ-06	NA	Destroyed during winter 2003/2004.							NA
SLPZ-07 (GW)	979.6	6/24/2004	0.04	---	0.00	---	10.65	0.00	979.56
SLPZ-07 (SW)	979.6	6/24/2004	5.04	---	0.00	---	11.98	0.00	974.56
SLPZ-08	NA	Destroyed during winter 2003/2004.							NA
SLPZ-09	NA	Destroyed during winter 2003/2004.							NA
SLPZ-10	NA	Destroyed during winter 2003/2004.							NA
Silver Lake Gauge	NA	6/4/2004	2.22	---	---	---	---	---	NA
Silver Lake Gauge	NA	6/11/2004	0.70	---	---	---	---	---	NA
Silver Lake Gauge	NA	6/18/2004	0.40	---	---	---	---	---	NA
Silver Lake Gauge	NA	6/24/2004	0.38	---	---	---	---	---	NA

NOTES:

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

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

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

a. Activities Undertaken/Completed

Initiated preparation of Groundwater Quality Interim Report for Spring 2004.

b. Sampling/Test Results Received

- See attached tables.

- Preliminary analytical results received in June 2004 from the Spring 2004 GMA 2 interim groundwater quality monitoring activities are shown in Table 22-2. These preliminary results have been compared to the applicable Method 1 GW-2 and GW-3 groundwater standards and UCLs for groundwater set forth in the MCP. These comparisons show that these groundwater standards were not exceeded.

c. Work Plans/Reports/Documents Submitted

None

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

Submit Groundwater Quality Interim Report for Spring 2004 (due on or before August 2, 2004).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 22-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JUNE 2004

GROUNDWATER MANAGEMENT AREA 2
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Semi-Annual Groundwater Sampling	DUP-8 (OJ-MW-2)	5/24/04	Water	CT&E	PCB, PCB(f), VOC, SVOC, Metals, Metals(f), CN, CN(f), Sulfide, PCDD/PCDF	6/14/04
Semi-Annual Groundwater Sampling	GMA2-1	5/21/04	Water	CT&E	PCB(f), CN(f)	6/3/04
Semi-Annual Groundwater Sampling	GMA2-4	5/25/04	Water	CT&E	PCB(f)	6/11/04
Semi-Annual Groundwater Sampling	GMA2-7	5/20/04	Water	CT&E	PCB, PCB(f), VOC, SVOC, Metals, Metals(f), CN, CN(f), Sulfide, PCDD/PCDF	6/17/04
Semi-Annual Groundwater Sampling	GMA2-9	5/25/04	Water	CT&E	PCB(f), CN(f)	6/11/04
Semi-Annual Groundwater Sampling	OJ-MW-2	5/24/04	Water	CT&E	PCB, PCB(f), VOC, SVOC, Metals, Metals(f), CN, CN(f), Sulfide, PCDD/PCDF	6/14/04

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

TABLE 22-2
DATA RECEIVED DURING JUNE 2004

BASELINE SEMI-ANNUAL GROUNDWATER SAMPLING
GROUNDWATER MANAGEMENT AREA 2
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	GMA2-1 05/21/04	GMA2-4 05/25/04	GMA2-7 05/20/04	GMA2-7-RE 05/20/04
Volatile Organics				
Trichloroethene	NA	NA	ND(0.0050)	NA
PCBs-Unfiltered				
Aroclor-1254	NA	NA	0.000060 J	ND(0.00013)
Total PCBs	NA	NA	0.000060 J	ND(0.00013)
PCBs-Filtered				
Aroclor-1254	0.000071	ND(0.000065)	ND(0.000065)	ND(0.00020)
Total PCBs	0.000071	ND(0.000065)	ND(0.000065)	ND(0.00020)
Semivolatile Organics				
None Detected	NA	NA	--	NA
Furans				
2,3,7,8-TCDF	NA	NA	ND(0.0000000016)	NA
TCDFs (total)	NA	NA	ND(0.0000000016)	NA
1,2,3,7,8-PeCDF	NA	NA	ND(0.0000000025)	NA
2,3,4,7,8-PeCDF	NA	NA	ND(0.0000000025)	NA
PeCDFs (total)	NA	NA	ND(0.0000000025)	NA
1,2,3,4,7,8-HxCDF	NA	NA	ND(0.0000000025)	NA
1,2,3,6,7,8-HxCDF	NA	NA	ND(0.0000000025)	NA
1,2,3,7,8,9-HxCDF	NA	NA	ND(0.0000000025)	NA
2,3,4,6,7,8-HxCDF	NA	NA	ND(0.0000000025)	NA
HxCDFs (total)	NA	NA	ND(0.0000000025)	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	ND(0.0000000025)	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	ND(0.0000000025)	NA
HpCDFs (total)	NA	NA	ND(0.0000000025)	NA
OCDF	NA	NA	ND(0.0000000050)	NA
Dioxins				
2,3,7,8-TCDD	NA	NA	ND(0.0000000012)	NA
TCDDs (total)	NA	NA	ND(0.0000000021)	NA
1,2,3,7,8-PeCDD	NA	NA	ND(0.0000000025)	NA
PeCDDs (total)	NA	NA	ND(0.0000000032)	NA
1,2,3,4,7,8-HxCDD	NA	NA	ND(0.0000000025)	NA
1,2,3,6,7,8-HxCDD	NA	NA	ND(0.0000000025)	NA
1,2,3,7,8,9-HxCDD	NA	NA	ND(0.0000000025)	NA
HxCDDs (total)	NA	NA	ND(0.0000000043)	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	ND(0.0000000025)	NA
HpCDDs (total)	NA	NA	ND(0.0000000025)	NA
OCDD	NA	NA	0.0000000053 J	NA
Total TEQs (WHO TEFs)	NA	NA	0.0000000035	NA
Inorganics-Unfiltered				
Barium	NA	NA	0.0470 B	NA
Cadmium	NA	NA	ND(0.00500)	NA
Chromium	NA	NA	ND(0.0100)	NA
Cobalt	NA	NA	ND(0.0500)	NA
Copper	NA	NA	ND(0.0250)	NA
Cyanide	NA	NA	0.00700 B	NA
Lead	NA	NA	0.00260 B	NA
Nickel	NA	NA	ND(0.0400)	NA
Selenium	NA	NA	ND(0.00500)	NA
Silver	NA	NA	ND(0.00500)	NA
Zinc	NA	NA	0.00400 B	NA
Inorganics-Filtered				
Barium	NA	NA	0.0510 B	NA
Cadmium	NA	NA	ND(0.00500)	NA
Chromium	NA	NA	ND(0.0100)	NA
Cobalt	NA	NA	ND(0.0500)	NA
Copper	NA	NA	ND(0.0250)	NA
Cyanide	ND(0.0100)	NA	0.00370 B	NA
Lead	NA	NA	ND(0.00300)	NA
Nickel	NA	NA	ND(0.0400)	NA
Selenium	NA	NA	0.00530	NA
Silver	NA	NA	ND(0.00500)	NA
Zinc	NA	NA	ND(0.0200)	NA

TABLE 22-2
DATA RECEIVED DURING JUNE 2004

BASELINE SEMI-ANNUAL GROUNDWATER SAMPLING
GROUNDWATER MANAGEMENT AREA 2
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	GMA2-9 05/25/04	OJ-MW-2 05/24/04
Volatile Organics		
Trichloroethene	NA	0.0048 J [0.0048 J]
PCBs-Unfiltered		
Aroclor-1254	NA	ND(0.000065) [ND(0.000065)]
Total PCBs	NA	ND(0.000065) [ND(0.000065)]
PCBs-Filtered		
Aroclor-1254	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Total PCBs	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Semivolatile Organics		
None Detected	NA	--
Furans		
2,3,7,8-TCDF	NA	ND(0.0000000012) [ND(0.0000000011)]
TCDFs (total)	NA	ND(0.0000000012) [ND(0.0000000011)]
1,2,3,7,8-PeCDF	NA	ND(0.0000000023) [ND(0.0000000025)]
2,3,4,7,8-PeCDF	NA	ND(0.0000000023) [ND(0.0000000025)]
PeCDFs (total)	NA	0.0000000026 J [ND(0.0000000025)]
1,2,3,4,7,8-HxCDF	NA	ND(0.0000000023) [ND(0.0000000025)]
1,2,3,6,7,8-HxCDF	NA	ND(0.0000000023) [ND(0.0000000025)]
1,2,3,7,8,9-HxCDF	NA	ND(0.0000000023) [ND(0.0000000025)]
2,3,4,6,7,8-HxCDF	NA	ND(0.0000000023) [ND(0.0000000025)]
HxCDFs (total)	NA	0.0000000096 J [ND(0.0000000025)]
1,2,3,4,6,7,8-HpCDF	NA	0.0000000094 J [0.0000000026 J]
1,2,3,4,7,8,9-HpCDF	NA	ND(0.0000000023) [ND(0.0000000025)]
HpCDFs (total)	NA	0.000000032 J [0.0000000026 J]
OCDF	NA	0.000000047 J [0.0000000086 J]
Dioxins		
2,3,7,8-TCDD	NA	ND(0.00000000094) [ND(0.0000000011)]
TCDDs (total)	NA	ND(0.0000000026) [ND(0.0000000027)]
1,2,3,7,8-PeCDD	NA	ND(0.0000000023) [ND(0.0000000025)]
PeCDDs (total)	NA	ND(0.0000000031) [ND(0.0000000035)]
1,2,3,4,7,8-HxCDD	NA	ND(0.0000000023) [ND(0.0000000031)]
1,2,3,6,7,8-HxCDD	NA	ND(0.0000000023) [ND(0.0000000028)]
1,2,3,7,8,9-HxCDD	NA	ND(0.0000000023) [ND(0.0000000030)]
HxCDDs (total)	NA	0.0000000050 J [ND(0.0000000045)]
1,2,3,4,6,7,8-HpCDD	NA	0.000000042 J [0.0000000091 J]
HpCDDs (total)	NA	0.00000022 [0.000000041 J]
OCDD	NA	0.00000053 [0.00000010]
Total TEQs (WHO TEFs)	NA	0.0000000037 [0.0000000036]
Inorganics-Unfiltered		
Barium	NA	0.110 B [0.120 B]
Cadmium	NA	0.00180 B [0.00190 B]
Chromium	NA	ND(0.0100) [0.00150 B]
Cobalt	NA	ND(0.0500) [0.00180 B]
Copper	NA	0.00820 B [0.00920 B]
Cyanide	NA	ND(0.0100) [0.00400 B]
Lead	NA	ND(0.00300) [ND(0.00300)]
Nickel	NA	0.00250 B [0.00310 B]
Selenium	NA	ND(0.00500) [ND(0.00500)]
Silver	NA	ND(0.00500) [0.00120 B]
Zinc	NA	0.130 [0.130]
Inorganics-Filtered		
Barium	NA	0.120 B [0.120 B]
Cadmium	NA	0.00190 B [0.00140 B]
Chromium	NA	ND(0.0100) [ND(0.0100)]
Cobalt	NA	ND(0.0500) [ND(0.0500)]
Copper	NA	0.00450 B [0.00350 B]
Cyanide	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Lead	NA	ND(0.00300) [ND(0.00300)]
Nickel	NA	0.00300 B [0.00320 B]
Selenium	NA	ND(0.00500) [ND(0.00500)]
Silver	NA	ND(0.00500) [ND(0.00500)]
Zinc	NA	0.130 [0.120]

TABLE 22-2
DATA RECEIVED DURING JUNE 2004

BASELINE SEMI-ANNUAL GROUNDWATER SAMPLING
GROUNDWATER MANAGEMENT AREA 2
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Notes:

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

Data Qualifiers:

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

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

Inorganics

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

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

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

a. Activities Undertaken/Completed

- Decommissioned well 16C and installed replacement well 16C-R on May 26-27, 2004 (omitted from May 2004 Monthly Report).

- Conducted monthly monitoring and NAPL removal in the vicinity of Buildings 51 and 59. Approximately 17.43 liters (4.60 gallons) of LNAPL were removed by the automatic skimmer located in well 51-21 and an additional 5.18 liters (1.53 gallons) of LNAPL were manually removed from the wells in this area (see Table 23-4).

- Conducted sampling of drummed purge water for disposition characterization.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted letter summarizing modifications to the baseline monitoring program (June 15, 2004).

- Submitted NAPL Notification Report to EPA and MDEP for well GMA3-12 (June 18, 2004).

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

- Continue ongoing groundwater and NAPL monitoring and recovery activities.

- Decommission wells 6B, 16E, 54B, 82B, 89D, 95B, 95C, 111A, and 114C.

- Install replacement monitoring wells 6B-R, 54B-R, 82B-R, 89D-R, 95B-R, and 111A-R.

- Conduct summer 2004 groundwater elevation monitoring event.

- Initiate preparation of Baseline Groundwater Quality Interim Report for Spring 2004 (due on or before August 31, 2004).

ITEM 23
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 2 (GMA 3)
(GECD330)
JUNE 2004

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

None

TABLE 23-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JUNE 2004

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Building 12 Purgewater Sampling Drum# B0675	BLDG12-B0675-WATER-1	6/8/04	Water	CT&E	PCB, VOC, SVOC, RCRA Metals	6/16/04
Building 78 Drum Sampling Drum #s B0686,	78-GMA3-12-WATER-1	6/8/04	Water	CT&E	PCB, VOC, SVOC, RCRA Metals	6/16/04
Building 78 GMA3-12 Drum Sampling	78-GMA3-12-WATER-1	6/15/04	Water	CT&E	SVOC	6/22/04
GMA-3 Purgewater Drum Sampling	GMA3-10-B0942-WATER-1	6/3/04	Water	CT&E	PCB, VOC, SVOC, Metals	6/11/04
GMA-3 Purgewater Drum Sampling	GMA3-8-B0685-WATER-1	6/3/04	Water	CT&E	PCB, SVOC, Metals	6/11/04

TABLE 23-2
DATA RECEIVED DURING JUNE 2004

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:	78-GMA3-12-WATER-1 06/08/04	78-GMA3-12-WATER-1 06/15/04	BLDG12-B0675-WATER-1 06/08/04	GMA3-8-B0685-WATER-1 06/03/04	GMA3-10-B0942-WATER-1 06/03/04
Volatile Organics					
Trichloroethene	0.0025 J	NA	ND(0.0050)	NA	ND(0.0050)
PCBs-Unfiltered					
Aroclor-1254	ND(0.000065)	NA	0.000065 J	0.00030	ND(0.00025)
Aroclor-1260	0.0011	NA	0.000030 J	0.00012	0.00058
Total PCBs	0.0011	NA	0.000095 J	0.00042	0.00058
Semivolatile Organics					
bis(2-Ethylhexyl)phthalate	NA	ND(0.0060)	ND(0.0060)	ND(0.0060)	0.0083
Di-n-Butylphthalate	NA	ND(0.010)	ND(0.010)	ND(0.010)	0.052
Inorganics-Unfiltered					
Arsenic	0.00630	NA	0.00550	0.0520	0.0240
Barium	1.30	NA	0.210	0.930	0.680
Cadmium	0.00160	NA	0.00180	0.0130	0.00190
Chromium	0.0190	NA	0.0160	0.120	0.0320
Lead	0.0440	NA	0.0150	3.40	0.0850
Mercury	0.000250	NA	0.000240	0.0110	0.000230
Selenium	ND(0.00500)	NA	0.00600	ND(0.00500)	ND(0.00500)
Silver	ND(0.00500)	NA	0.00120 B	ND(0.00500)	ND(0.00500)

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

Data Qualifiers:

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

TABLE 23-3
DATA RECEIVED DURING JUNE 2004

APPENDIX IX+3 DATA RECEIVED DURING JUNE 2004
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Date Collected:	114B / 05/13/04
Organochlorine Pesticides		
4,4'-DDD		ND(0.00010)

Notes:

1. This result has been revised by the laboratory and supersedes the result reported in Table 23-2 of the May 2004 CD Monthly Report.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

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

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	June 2004 Removal (liters)
51-17	6/25/2004	10.79	9.70	1.09	0.672	0.672
51-19	6/25/2004	10.73	10.11	0.62	0.383	0.383
51-21	6/3/2004	14.60	P	< 0.01	0.379	17.430
	6/11/2004	14.75	P	< 0.01	6.822	
	6/16/2004	14.83	P	< 0.01	2.274	
	6/23/2004	15.05	P	< 0.01	4.548	
	6/30/2004	15.14	P	< 0.01	3.411	
59-03R	6/25/2004	12.10	11.01	1.09	0.672	0.672
GMA3-10	6/4/2004	11.24	10.48	0.76	0.469	1.814
	6/11/2004	11.15	10.46	0.69	0.426	
	6/18/2004	11.40	10.59	0.81	0.500	
	6/25/2004	11.45	10.77	0.68	0.420	
GMA3-12	6/18/2004	11.43	10.96	0.47	1.160	2.050
	6/25/2004	11.53	11.17	0.36	0.890	
UB-PZ-3	6/25/2004	11.88	11.52	0.36	0.222	0.222

Total Automated LNAPL Removal at well 51-21 for June 2004: 17.430 liters
4.60 Gallons

Total Manual LNAPL Removal at all other wells for June 2004: 5.813 liters
1.534 Gallons

Total LNAPL Removed for June 2004: 23.243 liters
6.133 Gallons

NOTE:

1. ft BMP - feet Below Measuring Point

TABLE 23-5
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
51-05	996.44	6/25/2004	10.02	---	0.00	---	12.51	0.00	986.42
51-06	997.36	6/25/2004	10.51	---	0.00	---	14.64	0.00	986.85
51-07	997.08	6/25/2004	10.48	---	0.00	---	11.24	0.00	986.60
51-08	997.08	6/4/2004	10.26	10.24	0.02	---	14.65	0.00	986.84
51-08	997.08	6/11/2004	10.34	10.31	0.03	---	14.63	0.00	986.77
51-08	997.08	6/18/2004	10.53	10.48	0.05	---	14.64	0.00	986.60
51-08	997.08	6/25/2004	10.69	10.66	0.03	---	14.68	0.00	986.42
51-09	997.70	6/25/2004	10.31	---	0.00	---	12.01	0.00	987.39
51-14	996.77	6/25/2004	10.57	---	0.00	---	15.01	0.00	986.20
51-15	996.43	6/25/2004	9.99	9.96	0.03	---	14.47	0.00	986.47
51-16R	996.39	6/25/2004	10.06	9.95	0.11	---	14.58	0.00	986.43
51-17	996.43	6/25/2004	10.79	9.70	1.09	---	14.49	0.00	986.65
51-18	997.12	6/25/2004	10.74	---	0.00	---	12.58	0.00	986.38
51-19	996.43	6/25/2004	10.73	10.11	0.62	---	14.06	0.00	986.28
51-21	1,001.49	6/3/2004	14.60	P	< 0.01	---	NM	0.00	986.89
51-21	1,001.49	6/11/2004	14.75	P	< 0.01	---	NM	0.00	986.74
51-21	1,001.49	6/16/2004	14.83	P	< 0.01	---	NM	0.00	986.66
51-21	1,001.49	6/23/2004	15.05	P	< 0.01	---	NM	0.00	986.44
51-21	1,001.49	6/30/2004	15.14	P	< 0.01	---	NM	0.00	986.35
59-01	997.52	6/25/2004	10.98	---	0.00	---	11.36	0.00	986.54
59-03R	997.64	6/25/2004	12.10	11.01	1.09	---	17.04	0.00	986.55
59-07	997.96	6/25/2004	11.34	---	0.00	---	23.56	0.00	986.62
GMA3-10	997.54	6/4/2004	11.24	10.48	0.76	---	18.03	0.00	987.01
GMA3-10	997.54	6/11/2004	11.15	10.46	0.69	---	18.03	0.00	987.03
GMA3-10	997.54	6/18/2004	11.40	10.59	0.81	---	18.02	0.00	986.89
GMA3-10	997.54	6/25/2004	11.45	10.77	0.68	---	18.03	0.00	986.72
GMA3-11	997.25	6/25/2004	10.26	---	0.00	---	18.52	0.00	986.99
GMA3-12	997.84	6/18/2004	11.43	10.96	0.47	---	21.24	0.00	986.85
GMA3-12	997.84	6/25/2004	11.53	11.17	0.36	---	21.26	0.00	986.64
UB-MW-10	995.99	6/25/2004	9.38	---	0.00	---	15.71	0.00	986.61
UB-PZ-3	998.15	6/25/2004	11.88	11.52	0.36	---	13.38	0.00	986.60

NOTES:

1. ft BMP - feet Below Measuring Point
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity
3. NA indicates information not available.
4. NM indicates information not measured.
5. P indicates that LNAPL or DNAPL is present at a thickness that is < 0.01 feet. The corresponding thickness is recorded as
6. Certain GMA 3 wells were developed during February 2002. Total depth measurements taken after development are provided for comparison to pre-development data.
7. For the Unkamet Brook Staff Gauge, a reading of 0.00 feet corresponds to the listed measuring point elevation. The "Depth to Water" values shown above refer to feet above the datum, rather than feet below the measuring point.

ITEM 24
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 3 (GMA 4)
(GECD340)
JUNE 2004

*** All activities described below for this item 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 summer 2004 groundwater elevation monitoring event.
- Initiate preparation of Groundwater Quality Interim Report for Spring 2004 (due on or before August 31, 2004).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 25
GROUNDWATER MANAGEMENT AREAS
FORMER OXBOWS A & C (GMA 5)
(GECD350)
JUNE 2004

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

a. Activities Undertaken/Completed

Initiated preparation of Groundwater Quality Interim Report for Spring 2004.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Submit Groundwater Quality Interim Report for Spring 2004 (due on or before August 2, 2004).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

Attachment A

NPDES Sampling Records and Results
June 2004

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

TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JUNE 2004

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
NPDES Sampling	001-A5708	6/7/04	Water	CT&E	Oil & Grease	6/15/04
NPDES Sampling	001-A5710	6/7/04	Water	CT&E	PCB	6/15/04
NPDES Sampling	001-A5715	6/8/04	Water	CT&E	TSS	6/15/04
NPDES Sampling	004-A5696	6/1/04	Water	CT&E	Oil & Grease	6/11/04
NPDES Sampling	005-A5687/A5688	5/25/04	Water	CT&E	PCB	6/4/04
NPDES Sampling	005-A5699/A5700	6/1/04	Water	CT&E	PCB	6/11/04
NPDES Sampling	005-A5716/A5717	6/8/04	Water	CT&E	PCB, BOD,	6/15/04
NPDES Sampling	005-A5716/A5717	6/8/04	Water	CT&E	TSS	6/15/04
NPDES Sampling	005-A5729/A5730	6/15/04	Water	CT&E	PCB	6/23/04
NPDES Sampling	005-A5736/A5737	6/22/04	Water	CT&E	PCB	6/30/04
NPDES Sampling	005-A5752/A5753	6/29/04	Water	CT&E	PCB	
NPDES Sampling	09A-A5675	5/23/04	Water	CT&E	TSS	6/3/04
NPDES Sampling	09A-A5701	6/1/04	Water	CT&E	TSS, BOD	6/11/04
NPDES Sampling	09A-A5718	6/8/04	Water	CT&E	BOD	6/15/04
NPDES Sampling	09A-A5718	6/8/04	Water	CT&E	TSS	6/15/04
NPDES Sampling	09A-A5741	6/23/04	Water	CT&E	TSS, BOD	6/30/04
NPDES Sampling	09A-A5754	6/29/04	Water	CT&E	BOD	
NPDES Sampling	09B-A5676	5/23/04	Water	CT&E	TSS	6/3/04
NPDES Sampling	09B-A5679	5/24/04	Water	CT&E	BOD	6/3/04
NPDES Sampling	09B-A5702	6/1/04	Water	CT&E	TSS, BOD	6/11/04
NPDES Sampling	09B-A5731	6/15/04	Water	CT&E	TSS, BOD	6/23/04
NPDES Sampling	09B-A5742	6/23/04	Water	CT&E	TSS, BOD	6/30/04
NPDES Sampling	09B-A5743	6/27/04	Water	CT&E	TSS	
NPDES Sampling	09B-A5755	6/29/04	Water	CT&E	BOD	
NPDES Sampling	09C-A5677	5/23/04	Water	CT&E	Oil & Grease	6/3/04
NPDES Sampling	09C-A5703	6/1/04	Water	CT&E	Oil & Grease	6/11/04
NPDES Sampling	09C-A5719	6/10/04	Water	CT&E	Oil & Grease	Cancelled
NPDES Sampling	09C-A5720	6/10/04	Water	CT&E	Oil & Grease	6/23/04
NPDES Sampling	09C-A5725	6/14/04	Water	CT&E	Oil & Grease	6/23/04
NPDES Sampling	09C-A5739	6/22/04	Water	CT&E	Oil & Grease	6/30/04
NPDES Sampling	09C-A5748	6/29/04	Water	CT&E	Oil & Grease	
NPDES Sampling	64G-A5682	5/24/04	Water	CT&E	Oil & Grease	6/4/04
NPDES Sampling	64G-A5693	5/31/04	Water	CT&E	Oil & Grease	6/15/04
NPDES Sampling	64G-A5713	6/7/04	Water	CT&E	Oil & Grease	6/15/04
NPDES Sampling	64G-A5723	6/14/04	Water	CT&E	Oil & Grease	6/23/04
NPDES Sampling	64G-A5734	6/21/04	Water	CT&E	Oil & Grease	6/30/04

TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JUNE 2004

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
NPDES Sampling	64G-A5746	6/28/04	Water	CT&E	Oil & Grease	
NPDES Sampling	64T-A5680	5/24/04	Water	CT&E	Oil & Grease	6/4/04
NPDES Sampling	64T-A5691	5/31/04	Water	CT&E	Oil & Grease	6/15/04
NPDES Sampling	64T-A5711	6/7/04	Water	CT&E	Oil & Grease	6/15/04
NPDES Sampling	64T-A5721	6/14/04	Water	CT&E	Oil & Grease	6/23/04
NPDES Sampling	64T-A5732	6/21/04	Water	CT&E	Oil & Grease	6/30/04
NPDES Sampling	64T-A5744	6/28/04	Water	CT&E	Oil & Grease	
NPDES Sampling	A5706R	6/8/04	Water	CT&E	Acute Toxicity Test	6/23/04
NPDES Sampling	A5706RCN	6/8/04	Water	CT&E	CN	6/15/04
NPDES Sampling	A5706RTM	6/8/04	Water	CT&E	Metals (10)	6/15/04
NPDES Sampling	A5707C	6/8/04	Water	CT&E	Acute Toxicity Test	6/23/04
NPDES Sampling	A5707CCN	6/8/04	Water	CT&E	CN	6/15/04
NPDES Sampling	A5707CDM	6/8/04	Water	CT&E	Filtered Metals (8)	6/15/04
NPDES Sampling	A5707CTM	6/8/04	Water	CT&E	Metals (10)	6/15/04
NPDES Sampling	JUL04WK1	6/29/04	Water	CT&E	Cu, Pb, Zn	
NPDES Sampling	JUN04WK1	6/1/04	Water	CT&E	Cu, Pb, Zn	6/11/04
NPDES Sampling	JUN04WK3	6/15/04	Water	CT&E	Cu, Pb, Zn	6/23/04
NPDES Sampling	JUN04WK4	6/22/04	Water	CT&E	Cu, Pb, Zn	6/30/04
NPDES Sampling	MAY04WK5	5/25/04	Water	CT&E	Cu, Pb, Zn	6/4/04

TABLE A-2
DATA RECEIVED DURING JUNE 2004

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

Parameter / Sample ID: / Date Collected:	001-A5708 06/07/04	001-A5710 06/07/04	001-A5715 06/08/04	004-A5696 06/01/04	005-A5687/A5688 05/25/04	005-A5699/A5700 06/01/04	005-A5716/A5717 06/08/04	005-A5729/A5730 06/15/04
Aroclor-1254	NA	0.00012	NA	NA	0.000070	0.000085	ND(0.000065)	0.000061 J
Aroclor-1260	NA	0.000042 J	NA	NA	ND(0.000065)	0.000074	ND(0.000065)	0.000031 J
Total PCBs	NA	0.000162	NA	NA	0.000070	0.000159	ND(0.000065)	0.000092 J
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	NA	NA	NA	NA	NA	ND(2.0)	NA
Oil & Grease	ND(5.0)	NA	NA	ND(5.0)	NA	NA	NA	NA
Total Suspended Solids	NA	NA	ND(5.00)	NA	NA	NA	6.00	NA

TABLE A-2
DATA RECEIVED DURING JUNE 2004

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

Parameter / Sample ID: / Date Collected:	005-A5736/A5737 06/22/04	09A-A5675 05/23/04	09A-A5701 06/01/04	09A-A5718 06/08/04	09A-A5741 06/23/04	09B-A5676 05/23/04	09B-A5679 05/24/04	09B-A5702 06/01/04	09B-A5731 06/15/04
Aroclor-1254	ND(0.000065)	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	ND(0.000065)	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	ND(0.000065)	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)	NA	NA	3.7	2.9	5.1	NA	2.6	2.3	2.4
Oil & Grease	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	10.0	9.00	21.0	37.0	7.00	NA	6.00	10.0

TABLE A-2
DATA RECEIVED DURING JUNE 2004

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

Parameter / Sample ID: / Date Collected:	09B-A5742 06/23/04	09C-A5677 05/23/04	09C-A5703 06/01/04	09C-A5720 06/10/04	09C-A5725 06/14/04	09C-A5739 06/22/04	64G-A5682 05/24/04	64G-A5693 05/31/04	64G-A5713 06/07/04
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)	1.6 B	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)
Total Suspended Solids	13.0	NA	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING JUNE 2004

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

Parameter / Sample ID: / Date Collected:	64G-A5723 06/14/04	64G-A5734 06/21/04	64T-A5680 05/24/04	64T-A5691 05/31/04	64T-A5711 06/07/04	64T-A5721 06/14/04	64T-A5732 06/21/04	A5706RCN 06/08/04	A5706RTM 06/08/04
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	0.0810 B
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00100)
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	16.0
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00500)
Copper	NA	NA	NA	NA	NA	NA	NA	NA	0.00180 B
Cyanide	NA	NA	NA	NA	NA	NA	NA	0.00340 B	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00500)
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	5.10
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00500)
Silver	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00500)
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	0.00720 B
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(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING JUNE 2004

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

Parameter / Sample ID: / Date Collected:	A5707CCN 06/08/04	A5707CDM 06/08/04	A5707CTM 06/08/04	JUN04WK1 06/01/04	JUN04WK3 06/15/04	JUN04WK4 06/22/04	MAY04WK5 05/25/04
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered							
Aluminum	NA	NA	ND(0.100)	NA	NA	NA	NA
Cadmium	NA	NA	ND(0.00100)	NA	NA	NA	NA
Calcium	NA	NA	83.0	NA	NA	NA	NA
Chromium	NA	NA	ND(0.00500)	NA	NA	NA	NA
Copper	NA	NA	0.00220 B	0.0270	0.0210	0.00210 B	0.0360
Cyanide	0.0610	NA	NA	NA	NA	NA	NA
Lead	NA	NA	ND(0.00500)	0.0140	ND(0.00500)	0.00400 B	0.0260
Magnesium	NA	NA	33.0	NA	NA	NA	NA
Nickel	NA	NA	ND(0.00500)	NA	NA	NA	NA
Silver	NA	NA	ND(0.00500)	NA	NA	NA	NA
Zinc	NA	NA	0.00770 B	0.0380	0.0240	0.0160 B	0.0810
Inorganics-Filtered							
Aluminum	NA	ND(0.100)	NA	NA	NA	NA	NA
Cadmium	NA	ND(0.00100)	NA	NA	NA	NA	NA
Chromium	NA	ND(0.00500)	NA	NA	NA	NA	NA
Copper	NA	0.00570	NA	NA	NA	NA	NA
Lead	NA	ND(0.00500)	NA	NA	NA	NA	NA
Nickel	NA	ND(0.00500)	NA	NA	NA	NA	NA
Silver	NA	ND(0.00500)	NA	NA	NA	NA	NA
Zinc	NA	0.0160 B	NA	NA	NA	NA	NA
Conventionals							
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA

Notes:

1. Samples were collected by General Electric Company, and were submitted to CT&E Environmental Services, Inc. for analysis of 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 and conventional parameters only those constituents detected in one or more samples are summarized.

Data Qualifiers:

Organics and Conventional Parameters

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

Inorganics

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

Attachment B

NPDES Discharge Monitoring Reports
May 2004

BBL®
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)*

MA0003891 — PERMIT NUMBER

001 1 — DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	05	01	TO	04	05	31

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

*** NO DISCHARGE | __ | ***

NOTE: Read instructions before completing this form.

Form Approved.
OMB No. 2040-0004

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
PH	SAMPLE MEASUREMENT	******	******		7.9	******	8.4	(12) SU	0	01/07	GR
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-C
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	8.4	8.4	(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	******	8.2	(26) LBS/DY	******	******	12.0	(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	******	0.00004	(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	0.138	0.611	(03) MGD	******	******	******		0	99/99	RC
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	1.10 MO AVG	2.55 DAILY MX	MGD	******	******	******	**** ****		CONTIN UOUS	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	NUMBER	DATE YEAR	MO	DAY
413	494-3500	2004	6	22

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 G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

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

MA0003891	004 1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	05	01	TO	04	05	31

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

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

Form Approved.
OMB No. 2040-0004

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
PH	SAMPLE MEASUREMENT	******	******		7.2	******	8.3	(12) SU	0	01/07	GR
00400 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-C
OIL & GREASE	SAMPLE MEASUREMENT	******	2.2	(26) LBS/DY	******	******	13.0	(19) MG/L	0	01/30	GR
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 [9]	(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	0.004	0.032	(03) MGD	******	******	******		0	99/99	RC
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

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	494-3500	2004	6	22
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)*

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	005 1

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	05	01	TO	04	05	31

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

*** NO DISCHARGE | | ***

NOTE: Read instructions before completing this form.

Form Approved.
OMB No. 2040-0004

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
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	9.4	9.4	(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	******	3.0	(26) LBS/DY	******	******	0.7	(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	0.0007	(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	0.241	0.437	(03) MGD	******	******	******		0	99/99	RC
50050 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	2.09 MO AVG	2.09 DAILY MX	MGD	******	******	******	**** ****		CONTIN UOUS	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	TELEPHONE NUMBER	DATE YEAR	DATE MO	DATE DAY
413	494-3500	2004	6	22

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)*

MA0003891 — PERMIT NUMBER
064 G — DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	05	01	TO	04	05	31

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

*** NO DISCHARGE |__| ***

Form Approved.
OMB No. 2040-0004

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
PH	SAMPLE MEASUREMENT	******	******		7.3	******	7.6	(12) SU	0	99/99	RCDR
00400 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	******	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-C
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										

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.

Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	494-3500	2004	6	22
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)*

MA0003891	064 T
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	05	01	TO	04	05	31

Form Approved.
OMB No. 2040-0004

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

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING: AVERAGE	MAXIMUM	UNITS	QUALITY OR CONCENTRATION: MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH	SAMPLE MEASUREMENT	******	******		7.1	******	8.4	(12) SU	0	99/99	RCDR
00400 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-C
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	494-3500	2004	6	22
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)*

MA0003891	007 1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	05	01	TO	04	05	31

Form Approved.
OMB No. 2040-0004

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

*** 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
TEMPERATURE, WATER DEG. FAHRENHEIT	SAMPLE MEASUREMENT	******	******		******	54	54	(15) DEG.F	0	01/30	GR
00011 W 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	********	******	70 MO AVG	75 DAILY MX	DEG. F		ONCE/ MONTH	GRAB
PH	SAMPLE MEASUREMENT	******	******		6.6	******	7.6	(12) SU	0	01/07	GR
00400 W 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	********	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-C
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	NODI [9]	NODI [9]	(21)			
39516 W 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	********	******	REPORT MO AVG	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.064	0.130	(03) MGD	******	******	******		0	22/30	CA
50050 W 0 0 SEE COMMENTS BELOW	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

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	494-3500	2004	6	22
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)*

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	009 1

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	05	01	TO	04	05	31

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

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

Form Approved.
OMB No. 2040-0004

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
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	1.4	4.4	(26) LBS/DY	******	******	******		0	01/07	CP
00310 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
PH	SAMPLE MEASUREMENT	******	******		7.0	******	7.4	(12) SU	0	01/07	GR
00400 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-G
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	11.9	35.9	(26) LBS/DY	******	******	******		0	01/07	CP
00530 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
OIL & GREASE	SAMPLE MEASUREMENT	******	6.4	(26) LBS/DY	******	******	2.9	(19) MG/L	0	01/07	GR
00556 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	438 DAILY MX	LBS/DY	******	******	15 DAILY MX	MG/L		WEEKLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	NODI [9]	NODI [9]	(19)			
39516 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.025	0.115	(03) MGD	******	******	******		0	99/99	RC
50050 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		CONTINUOUS	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	494-3500	2004	6	22
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)*

MA0003891 — PERMIT NUMBER
009 A — DISCHARGE NUMBER

MONITORING PERIOD
FROM YEAR 04 MO 05 DAY 01 TO YEAR 04 MO 05 DAY 31

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

*** NO DISCHARGE | __ | ***

Form Approved.
OMB No. 2040-0004

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
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	0.002	0.01	(26)	******	******	******		0	01/DW	CP
00310 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	0.1	0.2	(26)	******	******	******		0	01/DW	CP
00530 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	LBS/DY LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.0004	0.005	(03)	******	******	******		0	99/99	RC
50050 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD MGD	******	******	******	**** ****		CONTINUOUS	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Michael T. Carroll
Mgr. Pittsfield Remediation Prog.
TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Michael T. Carroll
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	494-3500	2004	6	22
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

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00277/ OT-1-2024-0005 This is a part form

PAGE

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)*

MA0003891 — PERMIT NUMBER

009 B — DISCHARGE NUMBER

	MONITORING PERIOD		
	YEAR	MO	DAY
FROM	04	05	01
TO	04	05	31

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

*** NO DISCHARGE |__| ***

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OMB No. 2040-0004

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PARAMETER		QUANTITY OR LOADING: AVERAGE	MAXIMUM	UNITS	QUALITY OR CONCENTRATION: MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	1.4	4.4	(26) LBS/DY	******	******	******		0	01/07	CP
00310 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	11.8	35.9	(26) LBS/DY	******	******	******		0	01/07	CP
00530 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.025	0.115	(03) MGD	******	******	******		0	99/99	RC
50050 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		CONTINUOUS	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

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Michael T. Carroll

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TELEPHONE		DATE		
413	494-3500	2004	6	22
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)*

MA0003891	SUM A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	05	01	TO	04	05	31

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

*** NO DISCHARGE |__| ***

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OMB No. 2040-0004

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
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	01/30	CP
00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
NICKEL TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	01/30	CP
01074 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
SILVER TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	01/30	CP
01079 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
ZINC TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0.7	(26) LBS/DY	******	******	******		0	01/07	CP
01094 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
ALUMINUM, TOTAL (AS AL)	SAMPLE MEASUREMENT	******	0.2	(26) LBS/DY	******	******	******		0	01/30	CP
01105 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
CADMIUM TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	01/30	CP
01113 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
LEAD TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0.20	(26) LBS/DY	******	******	******		0	01/07	CP
01114 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

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Michael T. Carroll

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TELEPHONE		DATE		
413	494-3500	2004	6	22
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

MA0003891	SUM A
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR
(SUBR W)
F - FINAL
METALS: 00 004, 005, 007, 009, 011

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	05	01	TO	04	05	31

*** 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	******	0.46	(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	******	0.11	(26) LBS/DY	******	******	******		0	01/30	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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Michael T. Carroll

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TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	494-3500	2004	6	22

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)*

MA0003891 — PERMIT NUMBER
SUM B — DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	05	01	TO	04	05	31

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

*** NO DISCHARGE |__| ***

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Form Approved.
OMB No. 2040-0004

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										
	PERMIT REQUIREMENT										
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	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

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Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	NUMBER	DATE YEAR	MO	DAY
413	494-3500	2004	6	22

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

EPA Form 3320-1 (Rev. 3/99) Previous editions may be used.

00185/0013024-08E5 This is a 2-page form.

PAGE OF

Attachment C

Toxicity Evaluation of Wastewaters Discharged From the General Electric Plant; Pittsfield, Massachusetts [Samples Collected in June 2004]

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

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

Samples collected in June 2004

Submitted to:

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

SGS Sample ID: TA4-F0-P181

Study Director: Ken Holliday

22 June 2004

SGS Environmental Services
1258 Greenbrier Street
Charleston, West Virginia 25311-1002
Tel: 304.346.0725 Fax: 304.346.0761
www.sgs.com

Signatures and Approval

Submitted by: SGS Environmental Services
1258 Greenbrier Street
Charleston, West Virginia 25311-1002

Tel: 304.346.0725
Fax: 304.346.0761
www.sgs.com

Ken Holliday — June 22, 2004
Ken Holliday *Date*
Study Director
ken_holliday@sgs.com

Titshina L. Mims — June 22, 2004
Titshina L. Mims *Date*
Technical Writer

Peter Farrell — June 22, 2004
Peter Farrell *Date*
Project Manager
peter_farrell@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: June 22, 2004
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:	TA4-F0-P181
Test Material:	Composite effluent from the General Electric Company located in Pittsfield, Massachusetts
GE Sample ID:	A5707C
Dilution Water:	Water from the Housatonic River (grab sample)
GE Sample ID:	A5706R
Dates Collected:	June 07, 2004 to June 08, 2004
Date Received:	June 09, 2004
Test Dates:	June 09, 2004 to June 11, 2004
Test Concentrations:	100% effluent 75% effluent 50% effluent 35% effluent 15% effluent 5% effluent dilution water control reference control secondary reference control (sodium thiosulfate)
Results:	The 48-hour LC50 value was determined to be >100% effluent. The No-Observed-Acute-Effect-Level (NOAEL) was observed to be 100% effluent.

1.0 Introduction

1.1 Background

In 1972, amendments were made to the Clean Water Act (CWA) prohibiting the discharge of any pollutant from a point source to waters of the United States, unless the discharge is authorized by a National Pollutant Discharge Elimination System (NPDES) permit. Since the passing of the 1972 amendments to the CWA, significant progress has been made in cleaning up industrial process wastewater and municipal sewage.

The purpose of the National Pollutant Discharge Elimination System (NPDES) Program is to protect human health and the environment. The Clean Water Act requires that all point sources discharging pollutants into waters of the United States must obtain an NPDES permit. By point sources, EPA means discrete conveyances such as pipes or man made ditches.

For many years, discharge limits were based on available technology for wastewater treatment. However, in 1984, the U.S. Environmental Protection Agency (EPA) released a national policy statement entitled "Policy for the Development of Water Quality-Based Permit Limitations for Toxic Pollutants" (U.S. EPA, 1984) which addresses the control of toxic pollutants beyond technology-based requirements in order to meet water quality standards. To implement the new policy, guidance was provided to the respective state and regional permit personnel in the EPA's "Technical Support Document for Water Quality-Based Toxics Control" (U.S. EPA, 1985; U.S. EPA, 1991). The EPA's policy statement and the support document recommended that, where appropriate, permit limits should be based on effluent toxicity as measured in aquatic toxicity tests.

1.2 Clean Water Act, 33 U.S.C. s/s 1251 et seq. (1977)

The Clean Water Act is a 1977 amendment to the Federal Water Pollution Control Act of 1972, which set the basic structure for regulating discharges of pollutants to waters of the United States. The law gave EPA the authority to set effluent standards on an industry basis (technology-based) and continued the requirements to set water quality standards for all contaminants in surface waters. The CWA makes it unlawful for any person to discharge any pollutant from a point source into navigable waters unless a permit (NPDES) is obtained under the Act. The 1977 amendments focused on toxic pollutants. In 1987, the CWA was reauthorized and again focused on toxic substances, authorized citizen suit provisions, and funded sewage treatment plants (POTWs) under the Construction Grants Program. The CWA provisions for the delegation by EPA of many permitting, administrative, and enforcement aspects of the law to state governments. In states with the authority to implement CWA programs, EPA still retains oversight responsibilities.

1.3 Objective of the General Electric Study

The objective of this study was to measure the acute toxicity of the composite wastewater discharged by the General Electric facility located in Pittsfield, Massachusetts, using *Daphnia pulex* under static conditions. Whereas *D. pulex* are not considered locally important, they are routinely used by regulatory agencies and contract laboratories nationwide for toxicity testing. A toxicity test was conducted from June 09, 2004 to June 11, 2004 at SGS Environmental Services, Charleston, West Virginia. All original raw data and the final report produced for this study are stored in SGS's archives at the above location.

2.0 Materials and Methods

2.1 Protocol

Procedures used in this acute toxicity test followed those described in the SGS Standard Operating Procedure (SOP) entitled *Acute Aquatic Toxicity Testing*, SGS document control number 7002, version 4.0. This SOP generally follows the standard methodology presented in *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms* (U.S. EPA, 1993. Additional SOPs used in this study are outlined below:

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 (A5707C) was collected by GE personnel June 07, 2004 to June 08, 2004. Upon receipt at SGS on June 09, 2004, the sample temperature was 4.8° C. The effluent sample was characterized as having

Parameter	Result
Total Hardness	300
Alkalinity (as $CaCO_3$)	340
pH	7.06
Specific Conductance	1179
Dissolved Oxygen Concentration*	8.43

*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 (A5706R) was collected by General Electric personnel on June 08, 2004. Upon receipt at SGS on June 09, 2004, the sample temperature was 4.8° C. The dilution water was characterized as having

Parameter	Result
Total Hardness	150
Alkalinity (as $CaCO_3$)	67
pH	6.29
Specific Conductance	187
Dissolved Oxygen Concentration*	8.43

*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 $CaCO_3$)	73
pH	7.07
Specific Conductance	326
Dissolved Oxygen	8.92

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

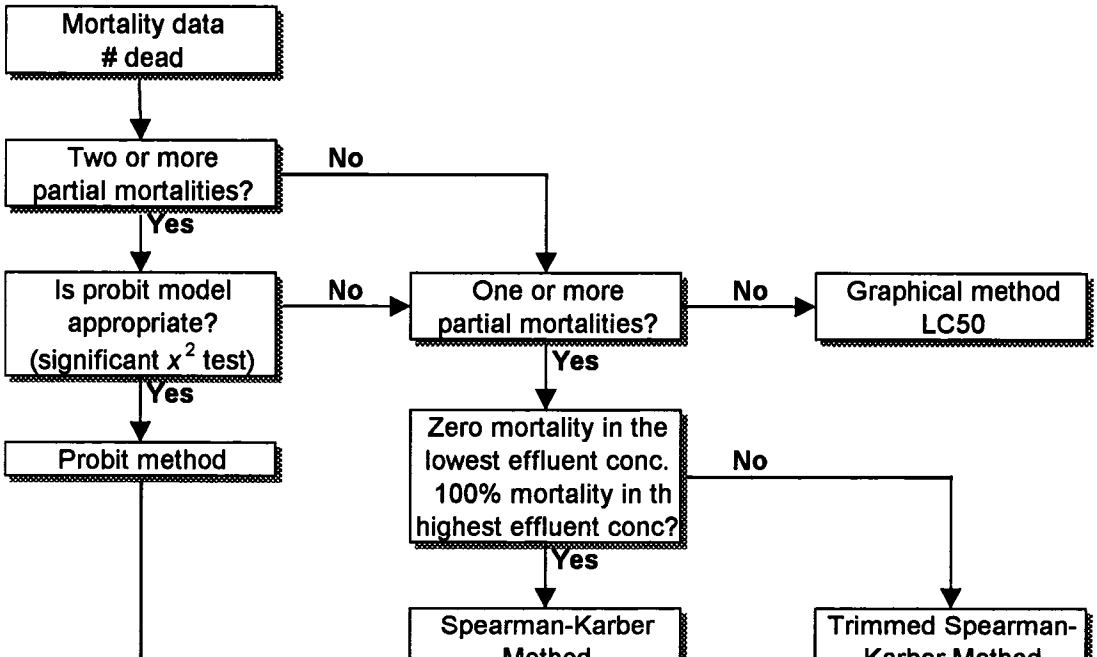
A 48-hour reference toxicity test exposing *Daphnia pulex* to sodium chloride (NaCl) was conducted from June 09, 2004 to June 11, 2004. The reference test was conducted to establish the health of the test organisms. The reference toxicity test included five NaCl concentrations and a dilution water control (moderately hard reconstituted water). The nominal NaCl concentrations for the test with *Daphnia pulex* ranged from 625 to 10,000 mg of NaCl/L. Test methods were the same as those described above for the effluent test.

3.0 Statistics

The concentration-response relationships observed were characterized by the median lethal concentrations (LC50), which is the concentration that is calculated to be lethal to 50 percent of the organisms within the test period. If no concentration caused mortality of 50%, then the LC50 value was determined to be greater than the highest concentration tested and no statistical analysis were performed. If at least one concentration caused mortality of greater than 50% of the test population, then a computer program (TOXSTAT 3.5) was used to calculate the LC50 value. Three statistical methods were available in the computer program: probit analysis, the Trimmed Spearman-Karber, and the Spearman-Karber methods. The graphical method is available if appropriate. Generally, to choose the best estimate of the LC50 value for a particular data set, the U.S. EPA flow chart on page 15 was followed.

The No-Observable-Acute-Effect-Level (NOAEL) was estimated for the acute toxicity test, and is defined as the highest concentration of effluent that produced ≥ 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 June 09, 2004 to June 11, 2004, and the resulting 48-hour LC50 was estimated by Trimmed Spearman-Karber Method to be 2176 mg NaCl/L (95% confidence intervals of 1800 to 2631 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.

U.S. Environmental Protection Agency. 1984. Development of water Quality-Based Permit Limitations for Toxic Pollutants. Federal Register 49(48):90160-90190.

U.S. Environmental Protection Agency. 1985. Technical Support Document for Water Quality-Based Toxics Control. Office of Water, Washington, DC.

U.S. Environmental Protection Agency. 1991. Technical Support Document for Water Quality-Based Toxics Control. Office of Water, Washington, DC.

U.S. Environmental Protection Agency. 1993. 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	5.0 mg/L
Total Solids	EPA 160.3	10.0 mg/L
Phosphorus, Total as P	Standard Methods 4500-P	0.02 mg/L
Total Residual Chlorine	Standard Methods 4500-Cl G	0.01 mg/L
Total Suspended Solids	EPA 160.2	5.0 mg/L

Table 2. Results of the characterization and analyses of the General Electric Pittsfield Plant effluent and the dilution water (Housatonic River).

Parameter	Effluent (A5707C)	Housatonic River (A5706R)
Temperature	20.8°C	20.8°C
pH	7.06	6.29
Alkalinity (as $CaCO_3$)	340 mg/L	67 mg/L
Hardness (as $CaCO_3$)	300 mg/L	150 mg/L
Dissolved Oxygen	8.43 mg/L	8.43 mg/L
Specific Conductivity	1179 µmhos/cm	187 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	160 mg/L	15 mg/L
Total Suspended Solids	5.0 mg/L	6.0 mg/L
Total Solids	660 mg/L	110 mg/L
Total Organic Carbon	ND	8.2 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	7.07	7.11	7.19	8.92	8.82	8.69	20.8	20.2	20.5
Secondary Ref Control	7.14	7.19	7.27	8.81	8.77	8.60	20.8	20.2	20.5
Dilution Water Control	6.29	6.37	6.41	8.43	8.27	8.38	20.8	20.2	20.5
5% Effluent	6.39	6.45	6.53	8.45	8.53	8.39	20.8	20.2	20.5
15% Effluent	6.51	6.60	6.69	8.46	8.58	8.38	20.8	20.2	20.5
35% Effluent	6.67	6.77	6.85	8.42	8.47	8.29	20.8	20.2	20.5
50% Effluent	6.71	6.84	6.97	8.42	8.50	8.31	20.8	20.2	20.5
75% Effluent	6.90	6.98	7.08	8.45	8.38	8.28	20.8	20.2	20.5
100% Effluent	7.06	7.12	7.16	8.43	8.32	8.21	20.8	20.2	20.5

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

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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) 10/21/98 (Date)

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

1.0 SUMMARY

A 24-, 48-, or 96-hour test to determine the toxicity to freshwater aquatic animals of effluents.

2.0 REFERENCES

2.1 Weber, Cornelius I., *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms.*, Fourth Edition. EPA-600/4-90/027. U.S.EPA, Cincinnati, Ohio.

2.2 *Reporting and Testing Guidance for Biomonitoring Required by the Ohio Environmental Protection Agency*, October, 1991.

2.3 *Toxics Management Program's Guidance for Conduction and Reporting the Results of Toxicity Tests in Fulfillment of VPDES Permit Requirements*, Revised July 1992.

3.0 SCREENING

3.1 Test Duration

24 Hours, 48 Hours or 96 Hours.

3.2 Test Preparation

3.2.1 Measure the pH, D.O. and total residual chlorine of the 100% effluent and the control water. If the effluent pH falls outside of the range of 6.0-9.0, two parallel tests are set up in which one effluent is adjusted and the other is not. The pH is adjusted to 7.0 using additions of 1N NaOH and HCl, (other pH adjustment endpoints may be utilized depending on local requirements). The measured amount of acid or base is recorded on the bench sheet. If the D.O. is below 40% saturation or above 100% saturation, the effluent is aerated prior to test initiation. If the total chlorine is above 0.1 mg/L, two parallel tests are set up in which one

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

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recorded. If the pH, D.O. or chlorine fall outside the acceptable testing range, the effluent may be adjusted (see screening; Test Preparation).

4.1.3.3 The dilutions are prepared in calibrated graduated cylinders using moderately hard synthetic water as dilution water. Other dilution water may be used if specified.

4.1.3.4 Approximately 400 ml of test solution is placed in each of two 800 ml disposable plastic beakers.

4.1.4 Loading

Ten (10) organisms are placed in each beaker. CT&E uses fish which are less than 14 days old and are hatched within the same 24 hour period. A loading limit of 0.8 g/l is observed. Fish are loaded by first transferring them to a shallow dish where they are easily transferred into the test solutions with wide-bore pipettes.

4.1.5 Test Temperature

20° C (± 1)

4.1.6 Daily Procedures

4.1.6.1 At the end of each 24 hours, the pH, D.O. and temperatures are checked and recorded. At this time mortalities are also recorded.

4.1.6.2 If a 96 hour static acute test is required, the test solution may be renewed at 48 hours. Renewal is accomplished by siphoning old test solution and debris and replacing with fresh solution of the appropriate concentration.

4.1.6.3 At the end of 48 hours or 96 hours the final mortalities and percent affected are recorded along with the final water qualities (D.O., pH, conductivity).

4.1.7 Feeding

Organisms are allowed to feed only prior to test initiation, and prior to renewal at 48 hours in a 96 hour test.

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4.2 *Ceriodaphnia dubia, Daphnia magna,* and *Daphnia pulex*

4.2.1 Test Duration

48-Hours

4.2.2 Static Non-renewal

4.2.3 Test Preparation

4.2.3.1 This test is comprised of a control and a dilution series consisting of 100%, 50%, 25%, 12.5% and 6.25% of the effluent (unless otherwise indicated).

4.2.3.2 The sample is brought up to test temperature in a room temperature waterbath. Chemical parameters are checked and recorded. If the pH, D.O. or chlorine fall outside the acceptable testing range, the effluent may be adjusted (see screening; Test Preparation).

4.2.3.3 The dilutions are prepared in beakers using moderately hard synthetic water (see Section II; Dilution Waters and Culture Media), unless other dilution water is specified. At least 25 ml. of each dilution are placed in five 30 ml. testing vessels.

4.2.4 Loading

4.2.4.1 Four organisms are placed in each vessel. The *Daphnids* are loaded with a disposable polyethylene transfer pipette and are gently released below the surface of the water to avoid the risk of injury.

4.2.5 Test Temperature

The test is conducted in a constant temperature incubator at 25° ±1° C(To satisfy local requirements tests may be conducted at other temperatures).

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4.2.6 Daily Procedure

4.2.6.1 At 24 and 48 hours the mortalities and number adversely effected are noted.

4.2.6.2 Due to the fragile structure of *Daphnia* organisms, dissolved oxygen, hardness alkalinity, specific conductance and pH readings are not taken after the organisms have been added to the sample. These analyses could cause injury to the *Daphnia* organisms.

4.2.7 Photoperiod

16 hours light, 8 hours dark.

4.2.8 Feeding

Organisms are allowed to feed prior to test initiation; they are not fed for the duration of the test.

5.0 TEST DATA

5.1 *Pimephales promelas*, *Ceriodaphnia dubia*, *Daphnia magna* and *Daphnia pulex*

5.1.1 Mortality and adverse effects are used as the endpoints for a definitive test.

5.1.2 Chemical parameters checked before test initiation, at 24 hours, 48 hours, 72 hours and 96 hours.

5.1.3 Mortalities recorded at 24 hours, 48 hours, 72 hours and 96 hours.

5.1.4 Any atypical behavior or complications are recorded.

6.0 DATA ANALYSIS

6.1 Introduction

Data from acute effluent toxicity tests are used to estimate the **LC50** and **EC50**. The **LC50** is a point estimate of the effluent concentration that is expected to cause lethality to 50% of the test organisms. The **EC50** is a point estimate of

the effluent concentration that is expected to cause and adverse effects to 50% of the test organisms.

6.2 Methods for Estimating the LC50 & EC50

6.2.1 The flow chart (Figure 6) on page 76 of the manual, *Methods for Measuring the Acute Toxicity of Effluents and Receiving Water to Freshwater and Marine Organisms* (Fourth Edition), EPA-600/4-90-27F, Appendix A, Sections 4.4.1 through 4.4.3. is observed for determination of the LC50 for multi-concentration acute toxicity tests.

6.2.2 Several statistics packages, including Toxstat® 3.4, are available for data analysis.

7.0 REPORT PREPARATION

7.1 CT&E Acute Toxicity Test Reports Typically Contain the Following Information:

7.1.1 Test background information - Includes client, NPDES or state permit number, sampling point reference number, date collected and received, collector's name, type and date of test, dilution water used, test results, and chain of custody forms.

7.1.2 Results - **LC50 & EC50** values and analysis method used; Any comments concerning the test results.

7.1.3 Initial Characterization of the Effluent Sample - Raw Data Sheets: Includes dissolved oxygen (DO), pH, specific conductivity, hardness, alkalinity and a description of the sample source.

7.1.4 Reference Toxicity Data

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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 Holliday (Supervisor) 10/21/98 (Date)

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

1.0 Summary

This document describes the preparation of various waters used for the culture of aquatic organisms.

2.0 Moderately-Hard Synthetic Water

2.1 Place 19 liter of de-ionized, or equivalent, water in a properly cleaned and labeled plastic carboy.

2.2 Add 1.20 g of $MgSO_4$, 1.92 g $NaHCO_3$ and 0.08g KCl to the carboy.

2.3 Aerate overnight.

2.4 Add 1.20 g of $CaSO_4 \cdot 2H_2O$ to 1 liter of de-ionized or equivalent water in a separate flask. Stir on magnetic stirrer until calcium sulfate is dissolved and add to the 19 liter above and mix well.

2.5 Aerate vigorously for 24 hours to stabilize the medium.

3.0 Hard Synthetic Water

3.1 Place 9 liter of de-ionized, or equivalent, water in a properly cleaned and labeled plastic carboy.

3.2 Add 1.20 g of $MgSO_4$, 1.92 g $NaHCO_3$ and 0.08g KCl to the carboy.

3.3 Aerate overnight.

3.4 Add 1.20 g of $CaSO_4 \cdot 2H_2O$ to 1 liter of de-ionized, or equivalent water in a separate flask. Stir on magnetic stirrer until calcium sulfate is dissolved and add to the 9 liter above and mix well.

3.5 Aerate vigorously for 24 hours to stabilize the medium.

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4.0 Synthetic Water Solutions

4.1 KCL Stock Solution

4.1.1 Place 8 g of crystalline, reagent grade KCL in a 1 liter volumetric flask.
4.1.2 Bring the volume to one liter with distilled water.
4.1.3 Aerate vigorously for several hours before using.
4.1.4 Store in a 1 liter polyethylene bottle.

4.2 $MgSO_4$ 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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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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Method Reference: CT&E/USEPA
Document File Name: 7006-05.DOC
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Approved by: Ken Halliday (Supervisor) 3/23/2001 (Date)

Approved by: Cynthia M. Work (QA/QC Officer) 3/23/2001 (Date)

1.0 Summary

This document describes the procedure for the culture of *Ceriodaphnia dubia, Daphnia pulex, Daphnia magna* that are used in aquatic toxicity testing.

2.0 Mass Stock Cultures of *Ceriodaphnia dubia, Daphnia pulex,* and *Daphnia magna*

2.1 Stock cultures are maintained in 1000 ml beakers/jars with 900 mls of culture media at 20 ± 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.

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3.2 Cultures are renewed three times per week. Organisms are fed daily.

4.0 Obtaining Neonates for Testing

4.1 Cultures of *Ceriodaphnia* are started by placing one neonate into a 30 ml disposable plastic cup containing approximately 20 ml of Moderately Hard Synthetic Water. New *Ceriodaphnia* cultures are started every ten to fourteen days. *D. magna* and *D. pulex* are replaced whenever mortality occurs.

4.2 The individual cultures are transferred to fresh media three times per week. Synthetic water, algae and YCT are mixed prior to pouring into culture vessel to ensure uniformity of media. The old media and neonates are kept for stock cultures for several weeks and then discarded.

4.3 To assure neonates for chronic tests are of a very similar age, transfer of individual brood stock to fresh media should be made the morning of the test. The cultures are then checked approximately every two hours to find an adequate number of neonates all released with an 8 hour period. For acute tests, individuals are either transferred less than 24 hours before a test or the young are separated from adults less than 24 hours before a test.

4.4 Young used in chronic testing are obtained from adults who have produced at least three broods, with no less than 8 neonates in their third or subsequent brood. Neonates are then distributed in a "blocking" procedure, i.e., neonates from the same organism are placed in one replication of each concentration.

5.0 *DAPHNIA* Food

5.1 Digested Flake Food

5.1.1 Add 5g flake food to 1 L deionized water. Mix well in a blender and place in a 2 L separatory funnel. To digest, aerate this mixture at room temperature for one week.

5.1.2 At end of the digestion period, remove aeration and allow to settle.

5.1.3 Drain sediment. Place supernatant in a beaker and allow to settle in refrigerator overnight.

5.1.4 Filter through fine mesh.

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5.2 Cerophyll®

5.2.1 Add 5g Cerophyll® to 1 L deionized water. Mix in a blender on high speed for 5 minutes.

5.2.2 Remove from blender and allow to settle in refrigerator overnight.

5.2.3 Retain supernatant for combined YCT food.

5.3 Yeast

5.3.1 Add 5g dry yeast to 1 L deionized water. Mix in a blender at low speed.

5.3.2 Do not allow mixture to settle.

5.4 Combined YCT Food

5.4.1 Mix equal parts of each of the above preparations in large clean beakers.

5.4.2 Pour well mixed YCT into small screw cap bottles. Freeze until needed.

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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

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3.2.2 *Daphnia magna:* 10, 5, 2.5, 1.25, 0.625 grams/L

3.3 Dilutions are prepared using moderately hard synthetic water. 20 mls of each dilution are placed in each of 5 plastic medicine cups.

3.4 Four organisms are placed in each test vessel. The *Daphnids* are loaded with a disposable plastic pipette. Organisms are gently released below the surface of the water to minimize risk of injury.

3.5 The test is terminated at 48 hours. At this time, mortalities are recorded along with final water quality data.

4.0 Data Analysis

4.1 Toxicity tests are conducted on a monthly basis.

4.2 The LC_{50} is calculated according to EPA protocols.

4.3 Results from these tests are incorporated into Q-sum charts. These records are kept in monthly files.

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Document Title: Sample Handling for Aquatic Toxicity Testing
Method Reference: CT&E/USEPA
Document File Name: 7009-04.DOC
Revision Number: 4.0
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Document Control Number: 7009

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

Approved by: Lydia M. Downs (QA/QC Officer) Date: 10/20/98

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.

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2.6 Sample Holding Time

Samples will be tested within 24 hours upon receipt in the laboratory. The maximum lapsed time for collection of a grab or composite sample and the initiation of test, or for test solution renewal, will not exceed 36-hours for Chronic and Acute Testing.

3.0 LABORATORY ENVIRONMENT

3.1 Laboratory Arrangement

The aquatic toxicity testing laboratory is divided into two separate areas: (1) the culturing laboratory and (2) the testing laboratory. See attached diagram for details of laboratory layout.

3.2 Temperature

The aquatic toxicity testing laboratory air temperature is maintained at 20 ± 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.

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4.2 Balances

Analytical balances are calibrated against standard weights prior to use. All calibration results and adjustments are recorded in bound books.

4.3 Water Quality Meters

Meters are calibrated prior to use using known standards and the manufacturer's instructions. Records of calibration are kept in logbooks. Detailed procedures for the operation of these meters are found in SOP's for each specific instrument.

4.4 Reagents

All reagents are stored in a separate area. Expired reagents and chemicals are discarded.

4.5 Test Containers

All test containers are either clean reusable glassware or new, disposable plastic beakers.

5.0 EQUIPMENT CLEANING PROCEDURES

5.1 Equipment used in culturing or testing is washed in the following manner:

5.1.1 Soak 15 minutes and scrub with detergent in tap water.
5.1.2 Rinse three times with tap water.
5.1.3 Rinse once with 20% nitric acid.
5.1.4 Rinse twice with deionized water.
5.1.5 Rinse once with full-strength, pesticide-grade acetone.
5.1.6 Rinse well with deionized water.
5.1.7 Invert and air dry.
5.1.8 All equipment and test chambers are rinsed with deionized water immediately prior to use for each test.

Appendix II
Chain of Custody

TA4-Fo-P181-1/2

Chain of Custody Record
General Electric Co.
100 Woodlawn Ave. Pittsfield, MA 01201

Chain of Custody #: OBG060804

Dry Weather Acute Aquatic Toxicity for June 2004

Project # NPDES PERMIT	Analytical Lab: CT&E Environmental Services Inc.	Sampled By: (Print)

	Sample #	Date	Time	Containers	Parameters to be Analyzed	Preservative	Remarks
1	A5707C	6/7 to 6/8/04	11⁰⁰ AM	1 Gallon plastic	Definitive Test(LC50 and NOAEL), Static acute toxicity, 48 hr w/ Daphnia pulex	Chilled	(See below)
1	A5707C	6/7 to 6/8/04	11⁰⁰ AM	1000 ml. plastic	Chloride, TSS, Total Solids, Alkalinity Specific Conductance, CL2	Chilled	
1	A5707C	6/7 to 6/8/04	11⁰⁰ AM	500 ml. plastic	Total Phosphorus, TOC, NH3	H2SO4	
2	A5706R	6/8/04	7⁴⁵ AM	1 Gallon plastic	Housatonic River water dilution water for definitive test	Chilled	
2	A5706R	6/8/04	7⁴⁵ AM	1000 ml. plastic	Chloride, TSS, Total Solids, Alkalinity Specific Conductance, CL2	Chilled	
2	A5706R	6/8/04	7⁴⁵ AM	500 ml. plastic	Total Phosphorus, TOC, NH3	H2SO4	

Relinquished By:	Date/Time	Received By:	Date/Time
Mark Wasserman	6-8-04	B Powers	6-8-04 18:00
B Powers	6-8-04 18:30		6/9/04 0915 4.8°C

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

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

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Appendix III

Bench Data

General Electric – 48-hour Acute Biotoxicity Bench Sheet

Client: General Electric

Project: DRY WEATHER ACUTE

Lab. No.: JM-FO-P181-1/2

Sample Date: 6/7-8/04 Time: 11:00

Date Received: 6/9/04

Source: EFFLUENT COMPOSITE

Date Analyzed: 6/9/04

Source of dilution water: HOUSATONIC RIVER WATER

Analyst(s): KH

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

Type of Test: 48-Hour Static Acute

Total Chlorine: n/d

	Beginning	Ending
Date:	6/9/04	6/11/04
Time:	1300	1500

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	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
Hardness	150	110	110						300
D.O.	8.43	8.92	8.81	8.45	8.46	8.42	8.42	8.45	8.43
pH	6.29	7.07	7.14	6.39	6.51	6.67	6.71	6.90	7.06
Alkalinity	67	73	77						340
Sp. Conduct.	187	326	337	212	239	681	708	779	1179
24 HOUR									
No. Surviving	20	20	20	20	20	20	20	20	20
Temperature	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
D.O.	8.27	8.82	~~7.19~~ 8.77	8.53	8.58	8.47	8.80	8.38	8.32
pH	6.37	7.11	7.19	6.45	6.60	6.77	6.84	6.98	7.12
Sp. Conduct.	194	338	341	248	280	740	752	812	1091
48 HOUR									
No. Surviving	20	20	20	20	20	20	20	20	20
Temperature	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
D.O.	8.38	8.69	8.60	8.39	8.38	8.29	8.31	8.28	8.21
pH	6.41	7.19	7.27	6.53	6.69	6.85	6.97	7.08	7.16
Sp. Conduct.	220	353	364	285	314	765	788	831	1002

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.:

Date Received:

Sample Date: Time: Date Analyzed:

Source: NaCl Analyst: KH

Source of dilution water: Moderately Hard Synthetic Water

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

Type of Test: 48 hour Static Acute

Total Chlorine:

	Beginning	Ending
Date:	6/9/04	6/11/04
Time:	1500	1500

Concentration	Control		625	1250	2500	5000	10,000
START							
Temperature	19.7		19.7	19.7	19.7	19.7	19.7
Hardness	100						110
D.O.	8.9		8.9	8.9	8.9	8.9	8.9
pH	7.0		7.0	7.1	7.2	7.2	7.2
Alkalinity	74						78
Sp. Conduct.	338		1320	2280	3810	6980	11560
24 HOUR							
Temperature	20.3		20.3	20.3	20.3	20.3	20.3
No. Surviving	20		20	20	12	7	0
48 HOUR							
Temperature	20.7		20.7	20.7	20.7	20.7	20.7
No. Surviving	20		20	17	9	0	0

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

Note: Number in parenthesis equals number not adversely effected (EC_{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: 06/09/04 TEST NUMBER: - DURATION: 48 HOURS
CHEMICAL: NaCl SPECIES: PULEX

RAW DATA:

CONCENTRATION(MG/L)	625.00	1250.00	2500.00	5000.00	*******
NUMBER EXPOSED:	20	20	20	20	20
MORTALITIES:	0	3	11	20	20

SPEARMAN-KARBER TRIM: 0.00%

SPEARMAN-KARBER ESTIMATES: LC50: 2176.38
95% LOWER CONFIDENCE: 1800.09
95% UPPER CONFIDENCE: 2631.32

Appendix IV

U.S. EPA Region I Toxicity Test Summary

NPDES Permit No. MA000 3891
SGS ID number: TA4-F0-P181
June 22, 2004

Toxicity Test Summary Sheet

Facility Name: General Electric Co. Test Start Date: June 09, 2004
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	☐ Flowthru
☐ 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): June 07, 2004 to June 08, 2004

Effluent concentrations tested (in %): 100 75 50 35 15 5
*(Permit limit concentration): N/A

Was effluent salinity adjusted? No
If yes, to what value? N/A ppt
With sea salts? N/A Hypersaline brine solution? N/A

Actual effluent concentrations tested after salinity adjustment (in %): N/A N/A N/A N/A N/A N/A
Reference Toxicant Test Date: June 09, 2004 to June 11, 2004

N/A= not applicable

Permit Limits & Test Results

Test Acceptability Criteria

MEAN CONTROL SURVIVAL: 100% MEAN CONTROL REPRODUCTION: N/A

MEAN CONTROL WEIGHT: N/A MEAN CONTROL CELL COUNT: N/A

Limits		Results	
LC50	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