Transmitted via Overnight Courier

February 9, 2004

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

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

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

Dear Mr. Nalipinski and Ms. Steenstrup:

Enclosed are copies of General Electric's (GE's) monthly progress report for January 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. In addition, sampling results from miscellaneous soil sampling activities conducted pursuant to GE's Excavation Protocols are included in a final notification/completion report submitted to EPA and MDEP during January 2004 and attached to this monthly report.

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

Sincerely,

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

Enclosures
V:\GE_Pittsfield_General\Reports and Presentations\Monthly Reports\2004\01-04 CD Monthly\cover-ltr.doc

cc: Bryan Olson, EPA
Dean Tagliaferro, EPA
Tim Conway, EPA (cover letter only)
Rose Howell (CD-ROM of Report)
Holly Inglis, EPA
K.C. Mitkevicius, USACE (CD-ROM of Report)
Dawn Jamros, Weston (hard copy of report, CD-ROM of report, CD-ROM of data)
Robert Bell, MDEP (cover letter only)
Thomas Angus, MDEP (cover letter only)
Anna Symington, MDEP (cover letter only)
Nancy E. Harper, MA AG
Susan Peterson, CT DEP
Field Supervisor, US FWS, DOI
Kenneth Finkelstein, Ph.D., NOAA (Items 13 - 15 only)
Dale Young, MA EOEA
Mayor James Ruberto, City of Pittsfield
Thomas Hickey, Director, Pittsfield Economic Development Authority
Richard Nasman, P.E., Berkshire Gas (CD-ROM of report)
Michael Carroll GE (CD-ROM of report)
Andrew Silfer, GE (cover letter only)
Rod McLaren, GE (CD-ROM of report)
James Nuss, BBL
James Bieke, Shea & Gardner
Jim Rhea, QEA (narrative only)
Teresa Bowers, Gradient
Public Information Repositories (6 copies)
GE Internal Repository (2 copies)

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

Mr. Michael Nalipinski
Ms. Susan Streenstrup
February 9, 2004
Blind Courtesy Copies

bcc: John Ciampa, SPECTRA (Items 21 - 25 only)
Jeffrey Porter, Mintz Levin Cohn Ferris Glovsky & Popeo PC (Items 2 and 13 only)

JANUARY 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)
JANUARY 2004

a. Activities Undertaken/Completed

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

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 December 1 through December 31, 2003. Copies 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 January 2004)* was prepared for GE by CT&E Environmental Services, Inc (CT&E). A copy of that report is provided in Attachment C.

c. Work Plans/Reports/Documents Submitted

- GE submitted a "redline" version of annual update to GE's *Field Sampling Plan/Quality Assurance Project Plan* (January 9, 2004).*

- GE submitted a letter report titled *Final Notification of On-Plant Excavations* to EPA and MDEP on January 14, 2004. A copy of this letter report is provided in Attachment D. This final notification/completion report is also referenced under the various areas involved.

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

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

- Continue NPDES sampling and monitoring activities.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

a. Activities Undertaken/Completed

- Continued discussions with EPA, MDEP, and PEDA regarding Grants of Environmental Restrictions and Easements (EREs) for the 20s and 30s Complexes.*
- Completed demolition activities at Building 29B.
- Conducted ambient air monitoring for PCBs and particulate matter in conjunction with the Building 29B demolition.
- Conducted building characterization sampling at Buildings 42, 43, and 44.

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 discussions with EPA, MDEP, and PEDA regarding EREs for the 20s and 30s Complexes and other land transfer issues.*
- Initiate pre-demolition activities at Buildings 42, 43, and 44.
- Initiate demolition activities at Building 40B.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Building 42 Building Material Sampling	42-1-CB-7	1/30/04	Concrete	CT&E	PCB	
Building 42 Building Material Sampling	42-1-CC-2	1/29/04	Concrete	CT&E	PCB	
Building 42 Building Material Sampling	42-1-CC-3	1/30/04	Concrete	CT&E	PCB	
Building 42 Building Material Sampling	42-1-CC-4	1/30/04	Concrete	CT&E	PCB	
Building 42 Building Material Sampling	42-1-CC-5	1/30/04	Concrete	CT&E	PCB	
Building 42 Building Material Sampling	42-1-CW-1	1/29/04	Concrete	CT&E	PCB	
Building 42 Building Material Sampling	42-1-CW-6	1/30/04	Concrete	CT&E	PCB	
Building 42 Building Material Sampling	42-1-CW-8	1/30/04	Concrete	CT&E	PCB	
Building 42 Building Material Sampling	42-1-DUP-1 (42-1-CC-3)	1/30/04	Concrete	CT&E	PCB	
Building 43 Building Material Sampling	43-1-CC-1	12/30/03	Concrete	CT&E	PCB	1/7/04
Building 43 Building Material Sampling	43-1-CC-4	12/30/03	Concrete	CT&E	PCB	1/7/04
Building 43 Building Material Sampling	43-1-CW-2	12/30/03	Concrete	CT&E	PCB	1/7/04
Building 43 Building Material Sampling	43-1-CW-3	12/30/03	Concrete	CT&E	PCB	1/7/04
Building 43 Building Material Sampling	43-1-CW-5	12/30/03	Concrete	CT&E	PCB	1/7/04
Building 43 Building Material Sampling	43-1-CW-6	12/30/03	Concrete	CT&E	PCB	1/7/04
Building 43 Building Material Sampling	43-1-CW-7	12/30/03	Concrete	CT&E	PCB	1/7/04
Building 43 Building Material Sampling	43-1-DUP-1 (43-1-CC-1)	12/30/03	Concrete	CT&E	PCB	1/7/04
Building 43 Building Material Sampling	43-1-TCLP-C1	12/30/03	Concrete	CT&E	TCLP	1/7/04
Building 43A Building Material Sampling	43A-1-CW-1	12/30/03	Concrete	CT&E	PCB	1/7/04
Building 43A Building Material Sampling	43A-1-CW-2	12/30/03	Concrete	CT&E	PCB	1/7/04
Building 43A Building Material Sampling	43A-1-TCLP-C1	12/30/03	Concrete	CT&E	TCLP	1/7/04
Building 44 Building Material Sampling	44-1-CB-1	1/29/04	Concrete	CT&E	PCB	
Building 44 Building Material Sampling	44-1-CC-2	1/29/04	Concrete	CT&E	PCB	
Building 44 Building Material Sampling	44-1-CC-3	1/29/04	Concrete	CT&E	PCB	
Building 44 Building Material Sampling	44-1-CW-4	1/29/04	Concrete	CT&E	PCB	
Building 44 Building Material Sampling	44-1-CW-5	1/29/04	Concrete	CT&E	PCB	
Building 44 Building Material Sampling	44-1-CW-6	1/29/04	Concrete	CT&E	PCB	
Building 44 Building Material Sampling	44-1-CW-7	1/29/04	Concrete	CT&E	PCB	
Building 44 Building Material Sampling	44-1-DUP-1 (44-1-CW-4)	1/29/04	Concrete	CT&E	PCB	
Building 44 Building Material Sampling	44-1-TCLP-C1	1/29/04	Concrete	CT&E	TCLP	
PCB Ambient Air Sampling	South of Bldg. 29B	01/08 - 01/09/04	Air	Berkshire Environmental	PCB	1/15/04
PCB Ambient Air Sampling	West of Bldg. 29B	01/08 - 01/09/04	Air	Berkshire Environmental	PCB	1/15/04
PCB Ambient Air Sampling	East of Bldg. 29B	01/08 - 01/09/04	Air	Berkshire Environmental	PCB	1/15/04
PCB Ambient Air Sampling	East of Bldg. 29B colocated	01/08 - 01/09/04	Air	Berkshire Environmental	PCB	1/15/04
PCB Ambient Air Sampling	Background Inside GE Gate 31	01/08 - 01/09/04	Air	Berkshire Environmental	PCB	1/15/04
Ambient Air Particulate Matter Sampling	South of Bldg. 29B	1/8/04	Air	Berkshire Environmental	Particulate Matter	1/19/04
Ambient Air Particulate Matter Sampling	West of Bldg. 29B	1/8/04	Air	Berkshire Environmental	Particulate Matter	1/19/04
Ambient Air Particulate Matter Sampling	East of Bldg. 29B	1/8/04	Air	Berkshire Environmental	Particulate Matter	1/19/04
Ambient Air Particulate Matter Sampling	South of Bldg. 29B	1/9/04	Air	Berkshire Environmental	Particulate Matter	1/19/04
Ambient Air Particulate Matter Sampling	South of Bldg. 29B	1/13/04	Air	Berkshire Environmental	Particulate Matter	1/19/04
Ambient Air Particulate Matter Sampling	West of Bldg. 29B	1/13/04	Air	Berkshire Environmental	Particulate Matter	1/19/04
Ambient Air Particulate Matter Sampling	East of Bldg. 29B	1/13/04	Air	Berkshire Environmental	Particulate Matter	1/19/04

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Ambient Air Particulate Matter Sampling	South of Bldg. 29B	1/14/04	Air	Berkshire Environmental	Particulate Matter	1/19/04
Ambient Air Particulate Matter Sampling	West of Bldg. 29B	1/14/04	Air	Berkshire Environmental	Particulate Matter	1/19/04
Ambient Air Particulate Matter Sampling	East of Bldg. 29B	1/14/04	Air	Berkshire Environmental	Particulate Matter	1/19/04

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

TABLE 1-2
PCB DATA RECEIVED DURING JANUARY 2004

BUILDINGS 43 AND 43A BUILDING MATERIAL SAMPLING
20s, 30s, 40s COMPLEX
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
43-1-CC-1	12/30/2003	ND(0.033) [ND(0.17)]	0.65 [2.3]	ND(0.033) [ND(0.17)]	0.65 [2.3]
43-1-CC-4	12/30/2003	ND(1.7)	12	ND(1.7)	12
43-1-CW-2	12/30/2003	ND(0.33)	6.3	ND(0.33)	6.3
43-1-CW-3	12/30/2003	ND(0.17)	4.5	ND(0.17)	4.5
43-1-CW-5	12/30/2003	ND(1.7)	19	ND(1.7)	19
43-1-CW-6	12/30/2003	ND(1.7)	12	ND(1.7)	12
43-1-CW-7	12/30/2003	ND(1.7)	14	ND(1.7)	14
43A-1-CW-1	12/30/2003	ND(0.033)	0.47	0.10	0.57
43A-1-CW-2	12/30/2003	ND(0.033)	0.044	ND(0.033)	0.044

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

TABLE 1-3
TCLP DATA RECEIVED DURING JANUARY 2004

BUILDINGS 43 AND 43A BUILDING MATERIAL 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	43-1-TCLP-C1 12/30/2003	43A-1-TCLP-C1 12/30/2003
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	0.160	0.470
Cadmium	1	ND(0.0200)	ND(0.0200)
Chromium	5	ND(0.0500)	ND(0.0500)
Lead	5	ND(0.100)	ND(0.100)
Mercury	0.2	ND(0.00200)	ND(0.00200)
Selenium	1	ND(0.200)	ND(0.200)
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 TCLP constituents.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

TABLE 1-4
AIR SAMPLE DATA RECEIVED DURING JANUARY 2004

BUILDING 29B DEMOLITION PROGRAM
20s, 30s, 40s COMPLEX
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Date	South of Bldg. 29B (µg/m^3)	West of Bldg. 29B (µg/m^3)	East of Bldg. 29B (µg/m^3)	East of Bldg. 29B colocated (µg/m^3)	Background Inside GE Gate 31 (µg/m^3)
01/08 - 01/09/04	0.0006	0.0013	0.0015	0.0015	ND (<0.0003)
Notification Level	0.05	0.05	0.05	0.05	0.05

ND - Non Detect

TABLE 1-5
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING JANUARY 2004

BUILDING 29B DEMOLITION PROGRAM
20s, 30s, 40s COMPLEX
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
01/08/04	South of Bldg. 29B	0.013*	0.011*	10:45	WNW
	West of Bldg. 29B	0.030		10:45	
	East of Bldg. 29B	0.019		10:45	
01/09/04	South of Bldg. 29B	0.057*	0.022*	9:45	NNW, NW
	West of Bldg. 29B	NA[1]		NA[1]	
	East of Bldg. 29B	NA[1]		NA[1]	
01/12/04[2]	South of Bldg. 29B	NA	NA	NA	NA
	West of Bldg. 29B				
	East of Bldg. 29B				
01/13/04	South of Bldg. 29B	0.014*	0.015*	10:15	WNW, SSW
	West of Bldg. 29B	0.046[3]		5:30[3]	
	East of Bldg. 29B	0.017		10:15	
01/14/04	South of Bldg. 29B	0.038*	0.025*	10:00	WNW
	West of Bldg. 29B	0.043		10:00	
	East of Bldg. 29B	0.030		10:00	
01/15/04[4]	South of Bldg. 29B	NA	NA	NA	NA
	West of Bldg. 29B				
	East of Bldg. 29B				
01/16/04[4]	South of Bldg. 29B	NA	NA	NA	NA
	West of Bldg. 29B				
	East of Bldg. 29B				
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 data is not available due to equipment failure (extreme cold conditions).
[2] Sampling was not performed due to precipitation/threat of precipitation.
[3] Sampling data were modified due to windy conditions and snow squalls.
[4] Sampling was not performed due to lack of site activity.

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

a. Activities Undertaken/Completed

- Conducted Liquid Phase Carbon Absorption (LPCA) process water sampling at Building 64G.
- Performed sludge sampling at Building 64T.
- Conducted building characterization sampling at Buildings 61, 66, 66A, and 66B.
- Conducted drum sampling of purge water from wells sampled, drum labeled Lot 33A.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue to conduct routine process sampling at Buildings 64G and 64T.
- Complete field construction activities (track surfacing) at the Future City Recreational Area (FCRA) in spring 2004.*
- Submit an addendum to the Supplemental Pre-Design Investigation Report (due February 13, 2004).*
- Submit draft ERE for FCRA.*

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 JANUARY 2004

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Building 61 Building Material Sampling	61-1-BW-1	1/5/04	Brick	CT&E	PCB	1/20/04
Building 61 Building Material Sampling	61-1-BW-10	1/5/04	Brick	CT&E	PCB	1/20/04
Building 61 Building Material Sampling	61-1-BW-12	1/5/04	Brick	CT&E	PCB	1/20/04
Building 61 Building Material Sampling	61-1-BW-13	1/5/04	Brick	CT&E	PCB	1/20/04
Building 61 Building Material Sampling	61-1-BW-2	1/5/04	Brick	CT&E	PCB	1/20/04
Building 61 Building Material Sampling	61-1-BW-3	1/5/04	Brick	CT&E	PCB	1/20/04
Building 61 Building Material Sampling	61-1-BW-4	1/5/04	Brick	CT&E	PCB	1/20/04
Building 61 Building Material Sampling	61-1-BW-5	1/5/04	Brick	CT&E	PCB	1/20/04
Building 61 Building Material Sampling	61-1-BW-6	1/5/04	Brick	CT&E	PCB	1/20/04
Building 61 Building Material Sampling	61-1-BW-7	1/5/04	Brick	CT&E	PCB	1/20/04
Building 61 Building Material Sampling	61-1-BW-8	1/5/04	Brick	CT&E	PCB	1/20/04
Building 61 Building Material Sampling	61-1-BW-9	1/5/04	Brick	CT&E	PCB	1/20/04
Building 61 Building Material Sampling	61-1-CB-11	1/5/04	Concrete Block	CT&E	PCB	1/20/04
Building 61 Building Material Sampling	61-1-DUP-1 (61-1-BW-4)	1/5/04	Brick	CT&E	PCB	1/20/04
Building 61 Building Material Sampling	61-1-TCLP-C1	1/5/04	Brick	CT&E	TCLP	1/20/04
Building 61 Building Material Sampling	61-1-TCLP-C2	1/5/04	Brick/Concrete	CT&E	TCLP	1/20/04
Building 61 Building Material Sampling	61-1-TCLP-DUP-1 (61-1-TCLP-C2)	1/5/04	Brick/Concrete	CT&E	TCLP	1/20/04
Building 61A Material Sampling Program	61A-1-BW-1	1/13/04	Brick	CT&E	PCB	1/20/04
Building 61A Material Sampling Program	61A-1-TCLP-C1	1/13/04	Brick	CT&E	TCLP	1/20/04
Building 61J Material Sampling Program	61J-1-BW-1	1/9/04	Brick	CT&E	PCB	1/20/04
Building 61J Material Sampling Program	61J-1-TCLP-1	1/9/04	Brick	CT&E	TCLP	1/20/04
Building 61R Material Sampling Program	61R-1-CW-1	1/9/04	Concrete	CT&E	PCB	1/20/04
Building 61R Material Sampling Program	61R-1-TCLP-1	1/9/04	Concrete	CT&E	TCLP	1/20/04
Building 61S Material Sampling Program	61S-1-TCLP-1	1/9/04	Wood	CT&E	TCLP	1/20/04
Building 61S Material Sampling Program	61S-1-WW-1	1/9/04	Wood	CT&E	PCB	1/20/04
Building 64G Liquid Phase Carbon Sampling	64G-LPC-NW-1	1/27/04	Carbon	CT&E	PCB, VOC, SVOC, Metals, CN, TCLP	
Building 64T Sludge Sampling	A4-64T-01	1/3/04	Sludge	CT&E	PCB	1/12/04
Building 66 Building Material Sampling	66-1-CW-1	1/7/04	Concrete	CT&E	PCB	1/20/04
Building 66 Building Material Sampling	66-1-CW-10	1/7/04	Concrete	CT&E	PCB	1/20/04
Building 66 Building Material Sampling	66-1-CW-11	1/7/04	Concrete	CT&E	PCB	1/20/04
Building 66 Building Material Sampling	66-1-CW-12	1/7/04	Concrete	CT&E	PCB	1/20/04
Building 66 Building Material Sampling	66-1-CW-13	1/7/04	Concrete	CT&E	PCB	1/20/04
Building 66 Building Material Sampling	66-1-CW-2	1/7/04	Concrete	CT&E	PCB	1/20/04
Building 66 Building Material Sampling	66-1-CW-3	1/7/04	Concrete	CT&E	PCB	1/20/04
Building 66 Building Material Sampling	66-1-CW-4	1/7/04	Concrete	CT&E	PCB	1/20/04
Building 66 Building Material Sampling	66-1-CW-5	1/7/04	Concrete	CT&E	PCB	1/20/04
Building 66 Building Material Sampling	66-1-CW-6	1/7/04	Concrete	CT&E	PCB	1/20/04
Building 66 Building Material Sampling	66-1-CW-7	1/7/04	Concrete	CT&E	PCB	1/20/04
Building 66 Building Material Sampling	66-1-CW-8	1/7/04	Concrete	CT&E	PCB	1/20/04
Building 66 Building Material Sampling	66-1-CW-9	1/7/04	Concrete	CT&E	PCB	1/20/04
Building 66 Building Material Sampling	66-1-DUP-1 (66-1-CW-3)	1/7/04	Concrete	CT&E	PCB	1/20/04
Building 66 Building Material Sampling	66-1-TCLP-C1	1/7/04	Concrete	CT&E	TCLP	1/20/04
Building 66 Building Material Sampling	66-1-TCLP-C2	1/7/04	Concrete	CT&E	TCLP	1/20/04
Building 66A/66B Building Material Sampling	66A-1-CW-1	1/6/04	Concrete	CT&E	PCB	1/20/04
Building 66A/66B Building Material Sampling	66A-1-CW-2	1/6/04	Concrete	CT&E	PCB	1/20/04
Building 66A/66B Building Material Sampling	66A-1-TCLP-C1	1/6/04	Concrete	CT&E	TCLP	1/20/04

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Building 66A/66B Building Material Sampling	66B-1-CW-1	1/6/04	Concrete	CT&E	PCB	1/20/04
Building 66A/66B Building Material Sampling	66B-1-CW-2	1/6/04	Concrete	CT&E	PCB	1/20/04
Building 66A/66B Building Material Sampling	66B-1-CW-3	1/6/04	Concrete	CT&E	PCB	1/20/04
Building 66A/66B Building Material Sampling	66B-1-DUP-1 (66B-1-CW-1)	1/6/04	Concrete	CT&E	PCB	1/20/04
Building 66A/66B Building Material Sampling	66B-1-TCLP-C1	1/6/04	Concrete	CT&E	TCLP	1/20/04
Lot 33A Drum Sampling	33A-B0952-FW-1	1/26/04	Water	CT&E	PCB	1/28/04

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

TABLE 2-2
PCB DATA RECEIVED DURING JANUARY 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	Aroclor-1254	Aroclor-1260	Total PCBs
A4-64T-01	1/3/2004	ND(33)	68	70	138

Notes:

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

TABLE 2-3
PCB DATA RECEIVED DURING JANUARY 2004

BUILDINGS 61, 61A, 61J, 61R, 61S, 66, 66A AND 66B BUILDING MATERIAL SAMPLING PROGRAM
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Date Collected	Matrix	Aroclor-1016, -1221, -1232, -1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
61-1-BW-1	1/5/2004	Brick	ND(0.033)	ND(0.033)	0.57	0.32	0.89
61-1-BW-2	1/5/2004	Brick	ND(0.033)	ND(0.033)	0.34	0.25	0.59
61-1-BW-3	1/5/2004	Brick	ND(0.033)	ND(0.033)	1.1	0.44	1.54
61-1-BW-4	1/5/2004	Brick	ND(0.033) [ND(0.033)]	ND(0.033) [ND(0.033)]	0.22 [0.36]	0.12 [0.21]	0.34 [0.57]
61-1-BW-5	1/5/2004	Brick	ND(0.033)	ND(0.033)	0.081	0.030 J	0.111
61-1-BW-6	1/5/2004	Brick	ND(0.033)	ND(0.033)	0.29	0.12	0.41
61-1-BW-7	1/5/2004	Brick	ND(0.033)	ND(0.033)	0.47	0.12	0.59
61-1-BW-8	1/5/2004	Brick	ND(0.033)	ND(0.033)	0.24	0.051	0.291
61-1-BW-9	1/5/2004	Brick	ND(0.033)	ND(0.033)	0.50	0.16	0.66
61-1-BW-10	1/5/2004	Brick	ND(0.033)	ND(0.033)	0.17	0.088	0.258
61-1-BW-12	1/5/2004	Brick	ND(0.033)	ND(0.033)	0.44	0.14	0.58
61-1-BW-13	1/5/2004	Brick	ND(0.033)	ND(0.033)	0.11	0.043	0.153
61-1-CB-11	1/5/2004	Concrete Block	ND(0.033)	ND(0.033)	0.11	0.082	0.192
61A-1-BW-1	1/13/2004	Brick	ND(0.67)	ND(0.67)	4.6	ND(0.67)	4.6
61J-1-BW-1	1/9/2004	Brick	ND(0.033)	ND(0.033)	0.32	0.093	0.413
61R-1-CW-1	1/9/2004	Concrete	ND(0.17)	0.49	3.3	1.1	4.89
61S-1-WW-1	1/9/2004	Wood	ND(0.033)	ND(0.033)	1.7	1.1	2.8
66-1-CW-1	1/7/2004	Concrete	ND(0.033)	ND(0.033)	0.027 J	ND(0.033)	0.027 J
66-1-CW-2	1/7/2004	Concrete	ND(0.033)	ND(0.033)	0.020 J	ND(0.033)	0.020 J
66-1-CW-3	1/7/2004	Concrete	ND(0.033) [ND(0.033)]	ND(0.033) [ND(0.033)]	0.13 [0.82]	0.12 [0.89]	0.25 [1.71]
66-1-CW-4	1/7/2004	Concrete	ND(0.033)	ND(0.033)	0.019 J	0.015 J	0.034 J
66-1-CW-5	1/7/2004	Concrete	ND(0.033)	ND(0.033)	0.026 J	0.026 J	0.052 J
66-1-CW-6	1/7/2004	Concrete	ND(0.033)	ND(0.033)	0.036 J	ND(0.033)	0.036 J
66-1-CW-7	1/7/2004	Concrete	ND(0.033)	ND(0.033)	0.12	0.14	0.26
66-1-CW-8	1/7/2004	Concrete	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)
66-1-CW-9	1/7/2004	Concrete	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)
66-1-CW-10	1/7/2004	Concrete	ND(0.033)	ND(0.033)	0.059	0.061	0.12
66-1-CW-11	1/7/2004	Concrete	ND(0.033)	ND(0.033)	0.028 J	0.024 J	0.052 J
66-1-CW-12	1/7/2004	Concrete	ND(0.033)	ND(0.033)	0.039	ND(0.033)	0.039
66-1-CW-13	1/7/2004	Concrete	ND(0.033)	ND(0.033)	0.020 J	0.016 J	0.036 J
66A-1-CW-1	1/6/2004	Concrete	ND(0.033)	ND(0.033)	0.045	0.042	0.087
66A-1-CW-2	1/6/2004	Concrete	ND(0.033)	ND(0.033)	0.055	0.038	0.093
66B-1-CW-1	1/6/2004	Concrete	ND(0.033) [ND(0.033)]	ND(0.033) [ND(0.033)]	0.11 [0.11]	0.13 [0.11]	0.24 [0.22]
66B-1-CW-2	1/6/2004	Concrete	ND(0.033)	ND(0.033)	0.13	0.10	0.23
66B-1-CW-3	1/6/2004	Concrete	ND(0.033)	ND(0.033)	0.12	0.16	0.28

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 2-4
TCLP DATA RECEIVED DURING JANUARY 2004

BUILDINGS 61, 61A, 61J, 61R, 61S, 66, 66A AND 66B BUILDING MATERIAL SAMPLING PROGRAM
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID: Date Collected: Parameter Matrix:	TCLP Regulatory Limits	61-1-TCLP-C1 1/5/2004 Brick	61-1-TCLP-C2 1/5/2004 Brick/Concrete	61A-1-TCLP-C1 1/13/2004 Brick
Volatile Organics				
1,1-Dichloroethene	0.7	ND(0.10)	ND(0.10) [ND(0.10)]	ND(0.10)
1,2-Dichloroethane	0.5	ND(0.10)	ND(0.10) [ND(0.10)]	ND(0.10)
2-Butanone	200	ND(0.20)	ND(0.20) [ND(0.20)]	ND(0.20)
Benzene	0.5	ND(0.10)	ND(0.10) [ND(0.10)]	ND(0.10)
Carbon Tetrachloride	0.5	ND(0.10)	ND(0.10) [ND(0.10)]	ND(0.10)
Chlorobenzene	100	ND(0.10)	ND(0.10) [ND(0.10)]	ND(0.10)
Chloroform	6	ND(0.10)	ND(0.10) [ND(0.10)]	ND(0.10)
Tetrachloroethene	0.7	ND(0.10)	ND(0.10) [ND(0.10)]	ND(0.10)
Trichloroethene	0.5	ND(0.10)	ND(0.10) [ND(0.10)]	ND(0.10)
Vinyl Chloride	0.2	ND(0.10)	ND(0.10) [ND(0.10)]	ND(0.10)
Semivolatile Organics				
1,4-Dichlorobenzene	7.5	ND(0.050)	ND(0.050) [ND(0.050)]	ND(0.050)
2,4,5-Trichlorophenol	400	ND(0.050)	ND(0.050) [ND(0.050)]	ND(0.050)
2,4,6-Trichlorophenol	2	ND(0.050)	ND(0.050) [ND(0.050)]	ND(0.050)
2,4-Dinitrotoluene	0.13	ND(0.050)	ND(0.050) [ND(0.050)]	ND(0.050)
Cresol	200	ND(0.050)	ND(0.050) [ND(0.050)]	ND(0.050)
Hexachlorobenzene	0.13	ND(0.050)	ND(0.050) [ND(0.050)]	ND(0.050)
Hexachlorobutadiene	0.5	ND(0.050)	ND(0.050) [ND(0.050)]	ND(0.050)
Hexachloroethane	3	ND(0.050)	ND(0.050) [ND(0.050)]	ND(0.050)
Nitrobenzene	2	ND(0.050)	ND(0.050) [ND(0.050)]	ND(0.050)
Pentachlorophenol	100	ND(0.050)	ND(0.050) [ND(0.050)]	ND(0.050)
Pyridine	5	ND(0.050)	ND(0.050) [ND(0.050)]	ND(0.050)
Organochlorine Pesticides				
Endrin	0.02	ND(0.0060)	ND(0.0060) [ND(0.0060)]	ND(0.0060)
Gamma-BHC (Lindane)	0.4	ND(0.0030)	ND(0.0030) [ND(0.0030)]	ND(0.0030)
Heptachlor	0.008	ND(0.0030)	ND(0.0030) [ND(0.0030)]	ND(0.0030)
Heptachlor Epoxide	0.008	ND(0.0030)	ND(0.0030) [ND(0.0030)]	ND(0.0030)
Methoxychlor	10	ND(0.040)	ND(0.040) [ND(0.040)]	ND(0.040)
Technical Chlordane	0.03	ND(0.030)	ND(0.030) [ND(0.030)]	ND(0.030)
Toxaphene	0.5	ND(0.050)	ND(0.050) [ND(0.050)]	ND(0.050)
Herbicides				
2,4,5-TP	1	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
2,4-D	10	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Inorganics				
Arsenic	5	ND(0.100)	ND(0.100) [0.00410 B]	0.00610 B
Barium	100	0.250	0.250 [0.290]	0.400
Cadmium	1	0.00360 B	0.00180 B [0.00250 B]	ND(0.0200)
Chromium	5	0.0120 B	0.00900 B [0.0120 B]	0.0120 B
Lead	5	0.00790 B	0.00590 B [0.00760 B]	ND(0.100)
Mercury	0.2	0.0000600 B	0.0000700 B [ND(0.00200)]	0.0000500 B
Selenium	1	ND(0.200)	0.00510 B [0.00530 B]	0.00910 B
Silver	5	0.00200 B	0.00280 B [0.00230 B]	0.00120 B

TABLE 2-4
TCLP DATA RECEIVED DURING JANUARY 2004

BUILDINGS 61, 61A, 61J, 61R, 61S, 66, 66A AND 66B BUILDING MATERIAL SAMPLING PROGRAM
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected: / Matrix:	TCLP Regulatory Limits	61J-1-TCLP-1 1/9/2004 Brick	61R-1-TCLP-1 1/9/2004 Concrete	61S-1-TCLP-1 1/9/2004 Wood	66-1-TCLP-C1 1/7/2004 Concrete
Volatile Organics					
1,1-Dichloroethene	0.7	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
1,2-Dichloroethane	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
2-Butanone	200	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
Benzene	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Carbon Tetrachloride	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Chlorobenzene	100	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Chloroform	6	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Tetrachloroethene	0.7	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Trichloroethene	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Vinyl Chloride	0.2	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Semivolatile Organics					
1,4-Dichlorobenzene	7.5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
2,4,5-Trichlorophenol	400	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
2,4,6-Trichlorophenol	2	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
2,4-Dinitrotoluene	0.13	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Cresol	200	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Hexachlorobenzene	0.13	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Hexachlorobutadiene	0.5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Hexachloroethane	3	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Nitrobenzene	2	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Pentachlorophenol	100	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Pyridine	5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Organochlorine Pesticides					
Endrin	0.02	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Gamma-BHC (Lindane)	0.4	ND(0.0030)	ND(0.0030)	ND(0.0030)	ND(0.0030)
Heptachlor	0.008	ND(0.0030)	ND(0.0030)	ND(0.0030)	ND(0.0030)
Heptachlor Epoxide	0.008	ND(0.0030)	ND(0.0030)	ND(0.0030)	ND(0.0030)
Methoxychlor	10	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
Technical Chlordane	0.03	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)
Toxaphene	0.5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Herbicides					
2,4,5-TP	1	ND(0.010)	ND(0.010)	ND(0.010)	0.0014 J
2,4-D	10	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Inorganics					
Arsenic	5	ND(0.100)	ND(0.100)	ND(0.100)	0.00410 B
Barium	100	0.240	0.220	0.800	0.580
Cadmium	1	ND(0.0200)	ND(0.0200)	0.140	ND(0.0200)
Chromium	5	0.0140 B	0.0320 B	0.100	0.0190 B
Lead	5	0.0110 B	0.0120 B	0.160	0.00640 B
Mercury	0.2	0.0000700 B	0.0000500 B	0.000500 B	ND(0.00200)
Selenium	1	0.00710 B	0.00690 B	ND(0.200)	ND(0.200)
Silver	5	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200)

TABLE 2-4
TCLP DATA RECEIVED DURING JANUARY 2004

BUILDINGS 61, 61A, 61J, 61R, 61S, 66, 66A AND 66B BUILDING MATERIAL SAMPLING PROGRAM
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected: / Matrix:	TCLP Regulatory Limits	66-1-TCLP-C2 1/7/2004 Concrete	66A-1-TCLP-C1 1/6/2004 Concrete	66B-1-TCLP-C1 1/6/2004 Concrete
Volatile Organics				
1,1-Dichloroethene	0.7	ND(0.10)	ND(0.10)	ND(0.10)
1,2-Dichloroethane	0.5	ND(0.10)	ND(0.10)	ND(0.10)
2-Butanone	200	ND(0.20)	ND(0.20)	ND(0.20)
Benzene	0.5	ND(0.10)	ND(0.10)	ND(0.10)
Carbon Tetrachloride	0.5	ND(0.10)	ND(0.10)	ND(0.10)
Chlorobenzene	100	ND(0.10)	ND(0.10)	ND(0.10)
Chloroform	6	ND(0.10)	ND(0.10)	ND(0.10)
Tetrachloroethene	0.7	ND(0.10)	ND(0.10)	ND(0.10)
Trichloroethene	0.5	ND(0.10)	ND(0.10)	ND(0.10)
Vinyl Chloride	0.2	ND(0.10)	ND(0.10)	ND(0.10)
Semivolatile Organics				
1,4-Dichlorobenzene	7.5	ND(0.050)	ND(0.050)	ND(0.050)
2,4,5-Trichlorophenol	400	ND(0.050)	ND(0.050)	ND(0.050)
2,4,6-Trichlorophenol	2	ND(0.050)	ND(0.050)	ND(0.050)
2,4-Dinitrotoluene	0.13	ND(0.050)	ND(0.050)	ND(0.050)
Cresol	200	ND(0.050)	ND(0.050)	ND(0.050)
Hexachlorobenzene	0.13	ND(0.050)	ND(0.050)	ND(0.050)
Hexachlorobutadiene	0.5	ND(0.050)	ND(0.050)	ND(0.050)
Hexachloroethane	3	ND(0.050)	ND(0.050)	ND(0.050)
Nitrobenzene	2	ND(0.050)	ND(0.050)	ND(0.050)
Pentachlorophenol	100	ND(0.050)	ND(0.050)	ND(0.050)
Pyridine	5	ND(0.050)	ND(0.050)	ND(0.050)
Organochlorine Pesticides				
Endrin	0.02	ND(0.0060)	ND(0.0060)	ND(0.0060)
Gamma-BHC (Lindane)	0.4	ND(0.0030)	ND(0.0030)	ND(0.0030)
Heptachlor	0.008	ND(0.0030)	ND(0.0030)	ND(0.0030)
Heptachlor Epoxide	0.008	ND(0.0030)	ND(0.0030)	ND(0.0030)
Methoxychlor	10	ND(0.040)	ND(0.040)	ND(0.040)
Technical Chlordane	0.03	ND(0.030)	ND(0.030)	ND(0.030)
Toxaphene	0.5	ND(0.050)	ND(0.050)	ND(0.050)
Herbicides				
2,4,5-TP	1	ND(0.010)	ND(0.010)	ND(0.010)
2,4-D	10	ND(0.010)	ND(0.010)	ND(0.010)
Inorganics				
Arsenic	5	ND(0.100)	0.00460 B	ND(0.100)
Barium	100	0.590	0.600	0.290
Cadmium	1	ND(0.0200)	ND(0.0200)	ND(0.0200)
Chromium	5	0.0250 B	0.00950 B	0.0570
Lead	5	0.00700 B	ND(0.100)	ND(0.100)
Mercury	0.2	ND(0.00200)	ND(0.00200)	0.0000500 B
Selenium	1	ND(0.200)	0.00520 B	0.00510 B
Silver	5	ND(0.0200)	0.00170 B	0.00160 B

Notes:
1. Samples were 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.
3. Field duplicate sample results are presented in brackets.

Data Qualifiers:

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

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

Inorganics

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

TABLE 2-5
PCB DATA RECEIVED DURING JANUARY 2004

LOT 33A DRUM SAMPLING
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
33A-B0952-FW-1	1/26/2004	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)

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

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

a. Activities Undertaken/Completed

- Continued pre-design soil investigation activities.*
- Conducted miscellaneous sampling, as identified in Table 3-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted final notification/completion report covering excavation at Standard Grid P-25 to repair a surface drain manhole and associated drain pipes adjacent to Building 9D (January 14, 2004). A copy of that report is provided as Attachment D.

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

Continue pre-design investigation sampling.

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 JANUARY 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
Building 12X Drum Sampling	12X-E0875-CW-1	1/26/04	NA	Water	CT&E	PCB	1/29/04
Building 19 Stock Pile Sampling	19-012804-1	1/28/04	NA	Soil	CT&E	PCB	
Building 19 Stock Pile Sampling	19-012804-2	1/28/04	NA	Soil	CT&E	PCB	
Building 19 Stock Pile Sampling	19-012804-3	1/28/04	NA	Soil	CT&E	PCB	
Building 19 Stock Pile Sampling	19-012804-4	1/28/04	NA	Soil	CT&E	PCB	
Building 19 Stock Pile Sampling	19-012804-5	1/28/04	NA	Soil	CT&E	PCB	
Building 19 Stock Pile Sampling	19-012804-6	1/28/04	NA	Soil	CT&E	PCB	
Building 19 Stock Pile Sampling	DUP-1 (19-012804-1)	1/28/04	NA	Soil	CT&E	PCB	
Petricca Construction Bucket Wipe Sampling	PET-BUCKET-1-W1	1/23/04	NA	Wipe	CT&E	PCB	
Petricca Construction Bucket Wipe Sampling	PET-BUCKET-1-W2	1/23/04	NA	Wipe	CT&E	PCB	
Petricca Construction Bucket Wipe Sampling	PET-BUCKET-1-W3	1/23/04	NA	Wipe	CT&E	PCB	
Petricca Construction Bucket Wipe Sampling	PET-BUCKET-2-W1	1/23/04	NA	Wipe	CT&E	PCB	
Petricca Construction Bucket Wipe Sampling	PET-BUCKET-2-W2	1/23/04	NA	Wipe	CT&E	PCB	
Petricca Construction Bucket Wipe Sampling	PET-BUCKET-2-W3	1/23/04	NA	Wipe	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-C28	1/7/04	0-1	Soil	CT&E	PCB	1/19/04
Pre-Design Soil Investigation Sampling	RAA5-C28	1/7/04	6-15	Soil	CT&E	PCB	1/19/04
Pre-Design Soil Investigation Sampling	RAA5-C28	1/7/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	1/19/04
Pre-Design Soil Investigation Sampling	RAA5-C28	1/7/04	4-6	Soil	CT&E	VOC	1/19/04
Pre-Design Soil Investigation Sampling	RAA5-C29	1/7/04	0-1	Soil	CT&E	PCB	1/19/04
Pre-Design Soil Investigation Sampling	RAA5-C29	1/7/04	1-6	Soil	CT&E	PCB	1/19/04
Pre-Design Soil Investigation Sampling	RAA5-C29	1/7/04	6-15	Soil	CT&E	PCB	1/19/04
Pre-Design Soil Investigation Sampling	RAA5-C30	1/7/04	1-6	Soil	CT&E	PCB	1/19/04
Pre-Design Soil Investigation Sampling	RAA5-C30	1/7/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	1/19/04
Pre-Design Soil Investigation Sampling	RAA5-C30	1/7/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/19/04
Pre-Design Soil Investigation Sampling	RAA5-C30	1/7/04	8-9	Soil	CT&E	VOC	1/19/04
Pre-Design Soil Investigation Sampling	RAA5-C31	1/5/04	0-1	Soil	CT&E	PCB	1/9/04
Pre-Design Soil Investigation Sampling	RAA5-C31	1/5/04	1-6	Soil	CT&E	PCB	1/9/04
Pre-Design Soil Investigation Sampling	RAA5-C31	1/5/04	6-15	Soil	CT&E	PCB	1/9/04
Pre-Design Soil Investigation Sampling	RAA5-C32	1/6/04	1-6	Soil	CT&E	PCB	1/27/04
Pre-Design Soil Investigation Sampling	RAA5-C32	1/6/04	6-15	Soil	CT&E	PCB	1/27/04
Pre-Design Soil Investigation Sampling	RAA5-C32	1/6/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/27/04
Pre-Design Soil Investigation Sampling	RAA5-D26	1/13/04	0-1	Soil	CT&E	PCB	1/27/04
Pre-Design Soil Investigation Sampling	RAA5-D26	1/13/04	1-6	Soil	CT&E	PCB	1/27/04
Pre-Design Soil Investigation Sampling	RAA5-D26	1/13/04	6-15	Soil	CT&E	PCB	1/27/04
Pre-Design Soil Investigation Sampling	RAA5-D27	1/13/04	1-6	Soil	CT&E	PCB	1/27/04
Pre-Design Soil Investigation Sampling	RAA5-D27	1/13/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	1/27/04
Pre-Design Soil Investigation Sampling	RAA5-D27	1/13/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/27/04
Pre-Design Soil Investigation Sampling	RAA5-D27	1/13/04	6-8	Soil	CT&E	VOC	1/27/04
Pre-Design Soil Investigation Sampling	RAA5-D28	1/12/04	1-6	Soil	CT&E	PCB	1/23/04
Pre-Design Soil Investigation Sampling	RAA5-D28	1/12/04	6-15	Soil	CT&E	PCB	1/23/04
Pre-Design Soil Investigation Sampling	RAA5-D28	1/12/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/23/04
Pre-Design Soil Investigation Sampling	RAA5-D3	1/9/04	0-1	Soil	CT&E	PCB	1/23/04
Pre-Design Soil Investigation Sampling	RAA5-D3	1/9/04	1-6	Soil	CT&E	PCB	1/23/04
Pre-Design Soil Investigation Sampling	RAA5-D3	1/9/04	6-15	Soil	CT&E	PCB	1/23/04
Pre-Design Soil Investigation Sampling	RAA5-D31	1/5/04	0-1	Soil	CT&E	PCB	1/9/04
Pre-Design Soil Investigation Sampling	RAA5-D31	1/5/04	1-6	Soil	CT&E	PCB	1/9/04

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 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-D31	1/5/04	6-15	Soil	CT&E	PCB	1/9/04
Pre-Design Soil Investigation Sampling	RAA5-D33	1/6/04	1-6	Soil	CT&E	PCB	1/27/04
Pre-Design Soil Investigation Sampling	RAA5-D33	1/6/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	1/27/04
Pre-Design Soil Investigation Sampling	RAA5-D33	1/6/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/27/04
Pre-Design Soil Investigation Sampling	RAA5-D33	1/6/04	10-12	Soil	CT&E	VOC	1/27/04
Pre-Design Soil Investigation Sampling	RAA5-D5	1/9/04	1-6	Soil	CT&E	PCB	1/23/04
Pre-Design Soil Investigation Sampling	RAA5-D5	1/9/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	1/23/04
Pre-Design Soil Investigation Sampling	RAA5-D5	1/9/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/23/04
Pre-Design Soil Investigation Sampling	RAA5-D5	1/9/04	10-12	Soil	CT&E	VOC	1/23/04
Pre-Design Soil Investigation Sampling	RAA5-D7	1/8/04	0-1	Soil	CT&E	PCB	1/14/04
Pre-Design Soil Investigation Sampling	RAA5-D7	1/8/04	1-6	Soil	CT&E	PCB	1/14/04
Pre-Design Soil Investigation Sampling	RAA5-D7	1/8/04	6-15	Soil	CT&E	PCB	1/14/04
Pre-Design Soil Investigation Sampling	RAA5-DUP-1 (RAA5-C29)	1/7/04	6-15	Soil	CT&E	PCB	1/19/04
Pre-Design Soil Investigation Sampling	RAA5-DUP-2 (RAA5-D28)	1/12/04	1-6	Soil	CT&E	PCB	1/23/04
Pre-Design Soil Investigation Sampling	RAA5-DUP-3 (RAA5-D27)	1/13/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	1/27/04
Pre-Design Soil Investigation Sampling	RAA5-DUP-4 (RAA5-D27)	1/13/04	6-8	Soil	CT&E	VOC	1/27/04
Pre-Design Soil Investigation Sampling	RAA5-DUP-5 (RAA5-F30)	1/26/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-DUP-6 (RAA5-J16)	1/27/04	7-9	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA5-DUP-7 (RAA5-J16)	1/27/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-E22	1/21/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-E22	1/21/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-E22	1/21/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-E22	1/21/04	7-9	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA5-E23	1/20/04	0-1	Soil	CT&E	PCB	1/29/04
Pre-Design Soil Investigation Sampling	RAA5-E23	1/20/04	6-15	Soil	CT&E	PCB	1/29/04
Pre-Design Soil Investigation Sampling	RAA5-E23	1/20/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	1/29/04
Pre-Design Soil Investigation Sampling	RAA5-E23	1/20/04	1-3	Soil	CT&E	VOC	1/29/04
Pre-Design Soil Investigation Sampling	RAA5-E24	1/20/04	1-6	Soil	CT&E	PCB	1/29/04
Pre-Design Soil Investigation Sampling	RAA5-E24	1/20/04	6-15	Soil	CT&E	PCB	1/29/04
Pre-Design Soil Investigation Sampling	RAA5-E24	1/20/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/29/04
Pre-Design Soil Investigation Sampling	RAA5-E25	1/13/04	1-6	Soil	CT&E	PCB	1/27/04
Pre-Design Soil Investigation Sampling	RAA5-E25	1/13/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	1/27/04
Pre-Design Soil Investigation Sampling	RAA5-E25	1/13/04	13-15	Soil	CT&E	VOC	1/27/04
Pre-Design Soil Investigation Sampling	RAA5-E25	1/13/04	0-1	Soil	CT&E	VOC, SVOC, Inorganics	1/27/04
Pre-Design Soil Investigation Sampling	RAA5-E29	1/12/04	6-15	Soil	CT&E	PCB	1/23/04
Pre-Design Soil Investigation Sampling	RAA5-E29	1/12/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	1/23/04
Pre-Design Soil Investigation Sampling	RAA5-E29	1/12/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/23/04
Pre-Design Soil Investigation Sampling	RAA5-E29	1/12/04	4-6	Soil	CT&E	VOC	1/23/04
Pre-Design Soil Investigation Sampling	RAA5-F30	1/26/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-F30	1/26/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-F30	1/26/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-F30	1/26/04	13-15	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA5-F33	1/6/04	1-6	Soil	CT&E	PCB	1/27/04
Pre-Design Soil Investigation Sampling	RAA5-F33	1/6/04	6-15	Soil	CT&E	PCB	1/27/04
Pre-Design Soil Investigation Sampling	RAA5-F33	1/6/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/27/04
Pre-Design Soil Investigation Sampling	RAA5-F5	1/14/04	1-6	Soil	CT&E	PCB	1/27/04

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 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-F5	1/14/04	6-15	Soil	CT&E	PCB	1/27/04
Pre-Design Soil Investigation Sampling	RAA5-F5	1/14/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/27/04
Pre-Design Soil Investigation Sampling	RAA5-F9	1/28/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-F9	1/28/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-F9	1/28/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-G12	1/27/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-G12	1/27/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-G12	1/27/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-G12	1/27/04	4-6	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA5-G28	1/26/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-G28	1/26/04	1-6	Soil	CT&E	SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA5-G28	1/26/04	1-3	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA5-G28	1/26/04	0-1	Soil	CT&E	VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-G31	1/26/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-G5	1/21/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-G5	1/21/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-G5	1/21/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-G5	1/21/04	3-5	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA5-G6	1/21/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-G6	1/21/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-G6	1/21/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-G6	1/21/04	10-12	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA5-G8	1/28/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-G8	1/28/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-G8	1/28/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-H29	1/12/04	6-15	Soil	CT&E	PCB	1/23/04
Pre-Design Soil Investigation Sampling	RAA5-H29	1/12/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics	1/23/04
Pre-Design Soil Investigation Sampling	RAA5-H29	1/12/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/23/04
Pre-Design Soil Investigation Sampling	RAA5-H29	1/12/04	1-3	Soil	CT&E	VOC	1/23/04
Pre-Design Soil Investigation Sampling	RAA5-H4	1/21/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-H4	1/21/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-H4	1/21/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-H4	1/21/04	2-4	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA5-H7	1/28/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-H7	1/28/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-H7	1/28/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-I7	1/28/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-I7	1/28/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-I7	1/28/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-J16	1/27/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-J16	1/27/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-J16	1/27/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-J16	1/27/04	7-9	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA5-J18	1/27/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-J18	1/27/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-J18	1/27/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 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-J18	1/27/04	8-10	Soil	CT&E	VOC	

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

TABLE 3-2
PCB DATA RECEIVED DURING JANUARY 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	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA5-C28	0-1	1/7/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.072	0.072
	1-6	1/7/2004	ND(0.038)	ND(0.038)	ND(0.038)	0.030 J	0.051	0.081
	6-15	1/7/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA5-C29	0-1	1/7/2004	ND(0.037)	ND(0.037)	ND(0.037)	0.097	0.11	0.207
	1-6	1/7/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	1/7/2004	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039)]
RAA5-C30	0-1	1/7/2004	ND(0.18)	ND(0.18)	ND(0.18)	3.1	1.3	4.4
	1-6	1/7/2004	ND(0.038)	ND(0.038)	ND(0.038)	0.076	0.032 J	0.108
	6-15	1/7/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA5-C31	0-1	1/5/2004	ND(0.037)	ND(0.037)	ND(0.037)	0.20	0.54	0.74
	1-6	1/5/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	1/5/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA5-C32	0-1	1/6/2004	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	6.5	6.5
	1-6	1/6/2004	ND(0.038)	ND(0.038)	ND(0.038)	0.066	0.069	0.135
	6-15	1/6/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.13	0.13
RAA5-D3	0-1	1/9/2004	ND(0.035)	ND(0.035)	ND(0.035)	0.50	0.62	1.12
	1-6	1/9/2004	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	6-15	1/9/2004	ND(0.034)	ND(0.034)	ND(0.034)	0.079	0.074	0.153
RAA5-D5	0-1	1/9/2004	ND(0.034)	ND(0.034)	ND(0.034)	0.35	0.37	0.72
	1-6	1/9/2004	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	6-15	1/9/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA5-D7	0-1	1/8/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	1-6	1/8/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	1/8/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA5-D26	0-1	1/13/2004	ND(0.042)	ND(0.042)	ND(0.042)	0.25	0.41	0.66
	1-6	1/13/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	1/13/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA5-D27	0-1	1/13/2004	ND(0.041)	ND(0.041)	ND(0.041)	0.11	0.15	0.26
	1-6	1/13/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	1/13/2004	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]
RAA5-D28	0-1	1/12/2004	ND(0.048)	ND(0.048)	ND(0.048)	0.22	0.37	0.59
	1-6	1/12/2004	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]	0.029 J [0.048]	0.14 [0.16]	0.16 [0.17]	0.329 [0.378]
	6-15	1/12/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA5-D31	0-1	1/5/2004	ND(0.038)	ND(0.038)	ND(0.038)	0.15	0.29	0.44
	1-6	1/5/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	1/5/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA5-D33	0-1	1/6/2004	ND(0.76)	ND(0.76)	ND(0.76)	4.0	6.9	10.9
	1-6	1/6/2004	ND(0.77)	ND(0.77)	ND(0.77)	10	5.5	15.5
	6-15	1/6/2004	ND(0.039)	ND(0.039)	ND(0.039)	0.44	0.43	0.87

TABLE 3-2
PCB DATA RECEIVED DURING JANUARY 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	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA5-E23	0-1	1/20/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.61	0.61
	1-6	1/20/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	1.0	1.0
	6-15	1/20/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA5-E24	0-1	1/20/2004	ND(0.037)	0.35	ND(0.037)	0.93	0.75	2.03
	1-6	1/20/2004	ND(0.037)	0.36	ND(0.037)	0.90	0.79	2.05
	6-15	1/20/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA5-E25	1-6	1/13/2004	ND(0.037)	ND(0.037)	ND(0.037)	0.027 J	0.012 J	0.039 J
	6-15	1/13/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA5-E29	0-1	1/12/2004	ND(0.036)	ND(0.036)	ND(0.036)	0.33	0.098	0.428
	1-6	1/12/2004	ND(0.037)	ND(0.037)	0.39	0.67	0.61	1.67
	6-15	1/12/2004	ND(0.037)	ND(0.037)	0.028 J	ND(0.037)	0.0097 J	0.0377 J
RAA5-F5	0-1	1/14/2004	ND(0.17)	ND(0.17)	ND(0.17)	2.6	2.9	5.5
	1-6	1/14/2004	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.017 J	0.017 J
	6-15	1/14/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA5-F33	0-1	1/6/2004	ND(0.036)	ND(0.036)	ND(0.036)	0.91	0.67	1.58
	1-6	1/6/2004	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	12	12
	6-15	1/6/2004	ND(0.76)	ND(0.76)	ND(0.76)	ND(0.76)	7.1	7.1
RAA5-H29	0-1	1/12/2004	ND(0.036)	ND(0.036)	ND(0.036)	0.19	0.30	0.49
	1-6	1/12/2004	ND(0.036)	ND(0.036)	ND(0.036)	0.014 J	0.016 J	0.030 J
	6-15	1/12/2004	ND(0.037)	ND(0.037)	ND(0.037)	0.053	0.069	0.122

Notes:

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

Data Qualifiers:

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

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA5-C28 1-6 01/07/04	RAA5-C28 4-6 01/07/04	RAA5-C30 0-1 01/07/04	RAA5-C30 6-15 01/07/04	RAA5-C30 8-9 01/07/04
Volatile Organics					
Carbon Disulfide	NA	ND(0.0056)	ND(0.0054)	NA	ND(0.0061)
Trichloroethene	NA	ND(0.0056)	ND(0.0054)	NA	ND(0.0061)
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.38)	NA	ND(0.36)	ND(0.39)	NA
2-Methylnaphthalene	ND(0.38)	NA	ND(0.36)	ND(0.39)	NA
3&4-Methylphenol	ND(0.76)	NA	ND(0.73)	ND(0.79)	NA
Acenaphthene	ND(0.38)	NA	ND(0.36)	ND(0.39)	NA
Acenaphthylene	ND(0.38)	NA	ND(0.36)	ND(0.39)	NA
Aniline	ND(0.38)	NA	ND(0.36)	ND(0.39)	NA
Anthracene	ND(0.38)	NA	0.11 J	ND(0.39)	NA
Benzo(a)anthracene	ND(0.38)	NA	0.25 J	ND(0.39)	NA
Benzo(a)pyrene	ND(0.38)	NA	0.14 J	ND(0.39)	NA
Benzo(b)fluoranthene	ND(0.38)	NA	0.10 J	ND(0.39)	NA
Benzo(g,h,i)perylene	ND(0.38)	NA	0.078 J	ND(0.39)	NA
Benzo(k)fluoranthene	ND(0.38)	NA	0.18 J	ND(0.39)	NA
bis(2-Ethylhexyl)phthalate	ND(0.38)	NA	ND(0.36)	ND(0.39)	NA
Butylbenzylphthalate	ND(0.38)	NA	ND(0.36)	ND(0.39)	NA
Chrysene	ND(0.38)	NA	0.29 J	ND(0.39)	NA
Dibenzo(a,h)anthracene	ND(0.38)	NA	ND(0.36)	ND(0.39)	NA
Dibenzofuran	ND(0.38)	NA	ND(0.36)	ND(0.39)	NA
Fluoranthene	ND(0.38)	NA	0.61	ND(0.39)	NA
Fluorene	ND(0.38)	NA	ND(0.36)	ND(0.39)	NA
Indeno(1,2,3-cd)pyrene	ND(0.38)	NA	ND(0.36)	ND(0.39)	NA
Isophorone	ND(0.38)	NA	ND(0.36)	ND(0.39)	NA
Naphthalene	ND(0.38)	NA	ND(0.36)	ND(0.39)	NA
Phenanthrene	ND(0.38)	NA	0.44	ND(0.39)	NA
Phenol	ND(0.38)	NA	ND(0.36)	ND(0.39)	NA
Pyrene	ND(0.38)	NA	0.59	ND(0.39)	NA
Furans					
2,3,7,8-TCDF	ND(0.00000075)	NA	ND(0.0000030) Y	ND(0.00000039)	NA
TCDFs (total)	ND(0.00000075)	NA	0.0016 I	0.000030 I	NA
1,2,3,7,8-PeCDF	ND(0.00000066)	NA	ND(0.0000015)	ND(0.00000034)	NA
2,3,4,7,8-PeCDF	ND(0.00000086)	NA	0.0000093	ND(0.00000037)	NA
PeCDFs (total)	0.000026 I	NA	0.0024 I	0.000048 I	NA
1,2,3,4,7,8-HxCDF	ND(0.00000031)	NA	0.0000090	ND(0.00000037)	NA
1,2,3,6,7,8-HxCDF	ND(0.00000032)	NA	0.0000059	ND(0.00000036)	NA
1,2,3,7,8,9-HxCDF	ND(0.00000023)	NA	0.0000021	ND(0.00000028)	NA
2,3,4,6,7,8-HxCDF	ND(0.00000029)	NA	0.0000073	0.0000013	NA
HxCDFs (total)	0.0000098 I	NA	0.0013 I	0.000028 I	NA
1,2,3,4,6,7,8-HpCDF	ND(0.00000021)	NA	0.00016 I	ND(0.0000050) X	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000019)	NA	0.0000059	ND(0.0000027) X	NA
HpCDFs (total)	ND(0.00000021)	NA	0.00022 I	0.00000026	NA
OCDF	ND(0.00000035)	NA	0.000034	0.0000054	NA
Dioxins					
2,3,7,8-TCDD	ND(0.00000047)	NA	ND(0.00000039)	ND(0.00000023)	NA
TCDDs (total)	ND(0.00000047)	NA	0.0000073	ND(0.00000023)	NA
1,2,3,7,8-PeCDD	ND(0.0000011)	NA	ND(0.0000045)	ND(0.0000012)	NA
PeCDDs (total)	ND(0.0000011)	NA	ND(0.0000045)	ND(0.0000012)	NA
1,2,3,4,7,8-HxCDD	ND(0.00000040)	NA	ND(0.0000011)	ND(0.00000038)	NA
1,2,3,6,7,8-HxCDD	ND(0.00000040)	NA	ND(0.0000011)	ND(0.00000038)	NA
1,2,3,7,8,9-HxCDD	ND(0.00000037)	NA	ND(0.0000010)	ND(0.00000034)	NA
HxCDDs (total)	ND(0.00000040)	NA	0.0000019	ND(0.00000038)	NA
1,2,3,4,6,7,8-HpCDD	ND(0.00000039)	NA	0.000011	ND(0.00000042)	NA
HpCDDs (total)	ND(0.00000039)	NA	0.000011	ND(0.00000042)	NA

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA5-C28 1-6 01/07/04	RAA5-C28 4-6 01/07/04	RAA5-C30 0-1 01/07/04	RAA5-C30 6-15 01/07/04	RAA5-C30 8-9 01/07/04
OCDD		ND(0.00000043)	NA	0.00011	0.000012	NA
Total TEQs (WHO TEFs)		0.0000012	NA	0.000012	0.0000011	NA
Inorganics						
Antimony		1.80 B	NA	2.00 B	2.10 B	NA
Arsenic		6.30	NA	4.10	6.10	NA
Barium		26.0	NA	19.0 B	31.0	NA
Beryllium		0.210 B	NA	0.170 B	0.290 B	NA
Cadmium		0.490 B	NA	0.380 B	0.610	NA
Chromium		5.80	NA	4.70	8.50	NA
Cobalt		7.40	NA	6.20	9.00	NA
Copper		16.0	NA	23.0	17.0	NA
Cyanide		0.0900 B	NA	0.0420 B	ND(0.590)	NA
Lead		9.10	NA	9.10	9.60	NA
Mercury		ND(0.110)	NA	0.0540 B	ND(0.120)	NA
Nickel		13.0	NA	9.50	16.0	NA
Selenium		ND(1.00)	NA	ND(1.00)	ND(1.00)	NA
Silver		0.200 B	NA	ND(1.00)	ND(1.00)	NA
Sulfide		7.30	NA	ND(5.40)	ND(5.90)	NA
Thallium		ND(1.10)	NA	ND(1.10)	ND(1.20)	NA
Tin		3.10 B	NA	4.00 B	3.40 B	NA
Vanadium		5.20	NA	4.30 B	7.10	NA
Zinc		44.0	NA	30.0	52.0	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA5-C32 0-1 01/06/04	RAA5-D5 0-1 01/09/04	RAA5-D5 6-15 01/09/04	RAA5-D5 10-12 01/09/04	RAA5-D27 0-1 01/13/04
Volatile Organics					
Carbon Disulfide	ND(0.0055)	ND(0.0051)	NA	ND(0.0055)	ND(0.0061)
Trichloroethene	ND(0.0055)	ND(0.0051)	NA	ND(0.0055)	ND(0.0061)
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.37)	ND(3.4)	ND(0.35)	NA	ND(0.41)
2-Methylnaphthalene	ND(0.37)	ND(3.4)	ND(0.35)	NA	ND(0.41)
3&4-Methylphenol	ND(0.74)	ND(3.4)	ND(0.71)	NA	ND(0.82)
Acenaphthene	ND(0.37)	4.3	ND(0.35)	NA	ND(0.41)
Acenaphthylene	ND(0.37)	0.72 J	ND(0.35)	NA	ND(0.41)
Aniline	ND(0.37)	ND(3.4)	ND(0.35)	NA	ND(0.41)
Anthracene	0.16 J	9.4	ND(0.35)	NA	ND(0.41)
Benzo(a)anthracene	0.24 J	12	ND(0.35)	NA	ND(0.41)
Benzo(a)pyrene	0.13 J	5.7	ND(0.35)	NA	ND(0.41)
Benzo(b)fluoranthene	0.12 J	4.6	ND(0.35)	NA	ND(0.41)
Benzo(g,h,i)perylene	0.11 J	3.1 J	ND(0.35)	NA	ND(0.41)
Benzo(k)fluoranthene	0.13 J	8.6	ND(0.35)	NA	ND(0.41)
bis(2-Ethylhexyl)phthalate	ND(0.36)	ND(1.7)	ND(0.35)	NA	ND(0.40)
Butylbenzylphthalate	ND(0.37)	ND(3.4)	ND(0.35)	NA	ND(0.41)
Chrysene	0.26 J	14	ND(0.35)	NA	ND(0.41)
Dibenzo(a,h)anthracene	ND(0.37)	1.1 J	ND(0.35)	NA	ND(0.41)
Dibenzofuran	ND(0.37)	4.2	ND(0.35)	NA	ND(0.41)
Fluoranthene	0.52	34	ND(0.35)	NA	0.097 J
Fluorene	ND(0.37)	3.8	ND(0.35)	NA	ND(0.41)
Indeno(1,2,3-cd)pyrene	0.096 J	2.3 J	ND(0.35)	NA	ND(0.41)
Isophorone	ND(0.37)	ND(3.4)	ND(0.35)	NA	ND(0.41)
Naphthalene	ND(0.37)	6.8	ND(0.35)	NA	ND(0.41)
Phenanthrene	0.45	41	ND(0.35)	NA	ND(0.41)
Phenol	ND(0.37)	ND(3.4)	ND(0.35)	NA	ND(0.41)
Pyrene	0.52	26	ND(0.35)	NA	0.11 J
Furans					
2,3,7,8-TCDF	0.000017 Y	ND(0.000021)	ND(0.00000069)	NA	ND(0.0000057) X
TCDFs (total)	0.0030 I	0.00070 I	ND(0.00000069)	NA	0.00011 I
1,2,3,7,8-PeCDF	ND(0.0000022)	ND(0.000016)	ND(0.00000040)	NA	ND(0.0000012)
2,3,4,7,8-PeCDF	0.000015	ND(0.000021)	ND(0.00000042)	NA	ND(0.0000014)
PeCDFs (total)	0.0035 I	0.0013 I	ND(0.00000042)	NA	0.00022 I
1,2,3,4,7,8-HxCDF	0.000028	ND(0.000014)	ND(0.00000026)	NA	0.0000066
1,2,3,6,7,8-HxCDF	0.000011	ND(0.000014)	ND(0.00000027)	NA	0.0000038
1,2,3,7,8,9-HxCDF	0.0000023	ND(0.0000098)	ND(0.00000022)	NA	ND(0.00000072)
2,3,4,6,7,8-HxCDF	0.0000035	ND(0.000013)	ND(0.00000024)	NA	0.0000030
HxCDFs (total)	0.0017 I	0.00038 I	ND(0.00000027)	NA	0.00010 I
1,2,3,4,6,7,8-HpCDF	0.00018 I	0.00012 I	ND(0.00000017)	NA	0.000021 I
1,2,3,4,7,8,9-HpCDF	0.0000094	ND(0.0000082)	ND(0.00000019)	NA	ND(0.00000045)
HpCDFs (total)	0.00023 I	0.00012 I	ND(0.00000019)	NA	0.000031 I
OCDF	0.000058	0.00012	ND(0.00000035)	NA	ND(0.0000078) X
Dioxins					
2,3,7,8-TCDD	ND(0.00000077)	ND(0.000011)	ND(0.00000048)	NA	ND(0.00000033)
TCDDs (total)	ND(0.00000077)	0.00014	ND(0.00000048)	NA	ND(0.00000033)
1,2,3,7,8-PeCDD	ND(0.0000092)	ND(0.000040)	ND(0.00000086)	NA	ND(0.0000020)
PeCDDs (total)	ND(0.0000092)	ND(0.000040)	ND(0.00000086)	NA	ND(0.0000020)
1,2,3,4,7,8-HxCDD	ND(0.0000027)	ND(0.000015)	ND(0.00000034)	NA	ND(0.00000062)
1,2,3,6,7,8-HxCDD	ND(0.0000029)	ND(0.000016)	ND(0.00000037)	NA	ND(0.00000061)
1,2,3,7,8,9-HxCDD	ND(0.0000026)	ND(0.000015)	ND(0.00000034)	NA	ND(0.00000056)
HxCDDs (total)	ND(0.0000029)	ND(0.000016)	ND(0.00000037)	NA	ND(0.00000062)
1,2,3,4,6,7,8-HpCDD	0.000011	ND(0.000014)	ND(0.00000023)	NA	0.0000092
HpCDDs (total)	0.000028	ND(0.000014)	ND(0.00000023)	NA	0.0000094

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA5-C32 0-1 01/06/04	RAA5-D5 0-1 01/09/04	RAA5-D5 6-15 01/09/04	RAA5-D5 10-12 01/09/04	RAA5-D27 0-1 01/13/04
OCDD		0.000024	0.00016	0.0000030	NA	0.000036
Total TEQs (WHO TEFs)		0.000021	0.000038	0.00000092	NA	0.0000036
Inorganics						
Antimony		1.70 B	ND(6.00)	ND(6.00)	NA	0.870 B
Arsenic		6.90	7.10	5.50	NA	5.70
Barium		41.0	18.0 B	17.0 B	NA	31.0
Beryllium		0.310 B	0.180 B	0.120 B	NA	0.280 B
Cadmium		0.900	ND(0.500)	0.0820 B	NA	0.180 B
Chromium		10.0	7.20	4.60	NA	8.60
Cobalt		9.90	8.70	7.90	NA	6.90
Copper		28.0	29.0	16.0	NA	14.0
Cyanide		ND(0.220)	0.0600 B	ND(0.530)	NA	0.160 B
Lead		12.0	35.0	4.30	NA	17.0
Mercury		0.0160 B	0.0570 B	ND(0.110)	NA	0.180
Nickel		17.0	14.0	11.0	NA	12.0
Selenium		ND(1.00)	ND(1.00)	ND(1.00)	NA	1.00
Silver		ND(1.00)	ND(1.00)	0.110 B	NA	0.310 B
Sulfide		7.10	8.10	6.80	NA	350
Thallium		ND(1.10)	ND(1.00)	ND(1.10)	NA	1.00 B
Tin		3.40 B	3.00 B	2.80 B	NA	3.70 B
Vanadium		7.30	5.40	4.30 B	NA	8.60
Zinc		62.0	69.0	26.0	NA	47.0

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA5-D27 6-8 01/13/04	RAA5-D27 6-15 01/13/04	RAA5-D28 0-1 01/12/04	RAA5-D33 0-1 01/06/04
Volatile Organics				
Carbon Disulfide	ND(0.0057) [ND(0.0056)]	NA	ND(0.0072)	ND(0.0057)
Trichloroethene	ND(0.0057) [ND(0.0056)]	NA	ND(0.0072)	ND(0.0057)
Semivolatile Organics				
1,2,4-Trichlorobenzene	NA	ND(0.38) [ND(0.38)]	ND(0.48)	0.24 J
2-Methylnaphthalene	NA	ND(0.38) [ND(0.38)]	ND(0.48)	0.12 J
3&4-Methylphenol	NA	ND(0.77) [ND(0.77)]	ND(0.97)	0.13 J
Acenaphthene	NA	ND(0.38) [ND(0.38)]	ND(0.48)	ND(0.38)
Acenaphthylene	NA	ND(0.38) [ND(0.38)]	ND(0.48)	1.9
Aniline	NA	ND(0.38) [ND(0.38)]	ND(0.48)	0.21 J
Anthracene	NA	ND(0.38) [ND(0.38)]	ND(0.48)	2.4
Benzo(a)anthracene	NA	ND(0.38) [ND(0.38)]	ND(0.48)	7.9
Benzo(a)pyrene	NA	ND(0.38) [ND(0.38)]	ND(0.48)	5.1
Benzo(b)fluoranthene	NA	ND(0.38) [ND(0.38)]	ND(0.48)	3.3
Benzo(g,h,i)perylene	NA	ND(0.38) [ND(0.38)]	ND(0.48)	3.0
Benzo(k)fluoranthene	NA	ND(0.38) [ND(0.38)]	ND(0.48)	4.4
bis(2-Ethylhexyl)phthalate	NA	ND(0.38) [ND(0.38)]	ND(0.48)	ND(0.38)
Butylbenzylphthalate	NA	ND(0.38) [ND(0.38)]	ND(0.48)	ND(0.38)
Chrysene	NA	ND(0.38) [ND(0.38)]	ND(0.48)	6.9
Dibenzo(a,h)anthracene	NA	ND(0.38) [ND(0.38)]	ND(0.48)	0.82
Dibenzofuran	NA	ND(0.38) [ND(0.38)]	ND(0.48)	0.48
Fluoranthene	NA	ND(0.38) [ND(0.38)]	0.14 J	18
Fluorene	NA	ND(0.38) [ND(0.38)]	ND(0.48)	0.46
Indeno(1,2,3-cd)pyrene	NA	ND(0.38) [ND(0.38)]	ND(0.48)	2.8
Isophorone	NA	ND(0.38) [ND(0.38)]	ND(0.48)	ND(0.38)
Naphthalene	NA	ND(0.38) [ND(0.38)]	ND(0.48)	0.36 J
Phenanthrene	NA	ND(0.38) [ND(0.38)]	ND(0.48)	7.1
Phenol	NA	ND(0.38) [ND(0.38)]	ND(0.48)	0.14 J
Pyrene	NA	ND(0.38) [ND(0.38)]	0.15 J	16
Furans				
2,3,7,8-TCDF	NA	ND(0.00000052) [ND(0.00000030)]	ND(0.0000030)	0.000073 Y
TCDFs (total)	NA	ND(0.00000052) [ND(0.00000030)]	0.00056 I	0.11 I
1,2,3,7,8-PeCDF	NA	ND(0.00000048) [ND(0.00000023)]	ND(0.0000036)	0.000095
2,3,4,7,8-PeCDF	NA	ND(0.00000060) [ND(0.00000023)]	ND(0.0000040)	0.00015
PeCDFs (total)	NA	ND(0.00000060) [ND(0.00000023)]	0.0012 I	0.030 I
1,2,3,4,7,8-HxCDF	NA	ND(0.00000039) [ND(0.00000016)]	ND(0.0000023)	ND(0.000018)
1,2,3,6,7,8-HxCDF	NA	ND(0.00000039) [ND(0.00000015)]	ND(0.0000023)	0.000054
1,2,3,7,8,9-HxCDF	NA	ND(0.00000031) [ND(0.00000012)]	ND(0.0000016)	ND(0.000018)
2,3,4,6,7,8-HxCDF	NA	ND(0.00000038) [ND(0.00000013)]	0.0000070	ND(0.000025)
HxCDFs (total)	NA	ND(0.00000039) [ND(0.00000016)]	0.00039 I	0.018 I
1,2,3,4,6,7,8-HpCDF	NA	ND(0.00000035) [ND(0.000000094)]	0.000056 I	0.00037 I
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000040) [ND(0.00000010)]	ND(0.0000032) X	0.000080
HpCDFs (total)	NA	ND(0.00000040) [ND(0.00000010)]	0.000086 I	0.0013 I
OCDF	NA	ND(0.0000010) [ND(0.00000025)]	0.000022	0.00032
Dioxins				
2,3,7,8-TCDD	NA	ND(0.00000064) [ND(0.00000031)]	ND(0.0000010)	ND(0.0000034)
TCDDs (total)	NA	ND(0.00000064) [ND(0.00000031)]	ND(0.0000010)	ND(0.0000034)
1,2,3,7,8-PeCDD	NA	ND(0.0000010) [ND(0.00000046)]	ND(0.0000066)	ND(0.000053)
PeCDDs (total)	NA	ND(0.0000010) [ND(0.00000046)]	ND(0.0000066)	ND(0.000053)
1,2,3,4,7,8-HxCDD	NA	ND(0.00000050) [ND(0.00000018)]	ND(0.0000028)	ND(0.000030)
1,2,3,6,7,8-HxCDD	NA	ND(0.00000048) [ND(0.00000018)]	ND(0.0000027)	ND(0.000029)
1,2,3,7,8,9-HxCDD	NA	ND(0.00000044) [ND(0.00000016)]	ND(0.0000025)	ND(0.000027)
HxCDDs (total)	NA	ND(0.00000050) [ND(0.00000018)]	ND(0.0000028)	ND(0.000030)
1,2,3,4,6,7,8-HpCDD	NA	ND(0.00000063) [ND(0.00000019)]	ND(0.000017) X	0.00011
HpCDDs (total)	NA	ND(0.00000063) [ND(0.00000019)]	ND(0.0000015)	0.000099

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA5-D27 6-8 01/13/04	RAA5-D27 6-15 01/13/04	RAA5-D28 0-1 01/12/04	RAA5-D33 0-1 01/06/04
OCDD		NA	ND(0.00000096) [ND(0.0000030) X]	0.00011	0.00078
Total TEQs (WHO TEFs)		NA	0.0000012 [0.00000052]	0.0000071	0.00013
Inorganics					
Antimony		NA	0.840 B [ND(6.00)]	2.40 B	1.80 B
Arsenic		NA	6.00 [6.40]	6.50	6.10
Barium		NA	27.0 [34.0]	33.0	120
Beryllium		NA	0.310 B [0.360 B]	0.320 B	0.220 B
Cadmium		NA	0.130 B [0.190 B]	0.860	0.820
Chromium		NA	8.00 [11.0]	10.0	7.30
Cobalt		NA	9.60 [11.0]	10.0	6.60
Copper		NA	19.0 [19.0]	26.0	43.0
Cyanide		NA	ND(0.230) [ND(0.580)]	0.120 B	0.150 B
Lead		NA	7.00 [7.80]	24.0	45.0
Mercury		NA	ND(0.120) [ND(0.120)]	0.140	0.600
Nickel		NA	17.0 [21.0]	16.0	12.0
Selenium		NA	0.820 B [0.720 B]	ND(1.10)	ND(1.00)
Silver		NA	0.260 B [0.150 B]	0.220 B	0.180 B
Sulfide		NA	26.0 [7.40]	680	22.0
Thallium		NA	ND(1.20) [ND(1.20)]	ND(1.40)	ND(1.10)
Tin		NA	2.90 B [3.10 B]	4.40 B	4.80 B
Vanadium		NA	7.00 [9.40]	9.00	6.00
Zinc		NA	50.0 [63.0]	65.0	94.0

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA5-D33 6-15 01/06/04	RAA5-D33 10-12 01/06/04	RAA5-E23 1-3 01/20/04	RAA5-E23 1-6 01/20/04	RAA5-E24 0-1 01/20/04
Volatile Organics					
Carbon Disulfide	NA	0.084	ND(0.0054)	NA	ND(0.0055)
Trichloroethene	NA	ND(0.0058)	ND(0.0054)	NA	ND(0.0055)
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.39)	NA	NA	ND(0.36)	ND(0.37)
2-Methylnaphthalene	0.12 J	NA	NA	ND(0.36)	ND(0.37)
3&4-Methylphenol	ND(0.79)	NA	NA	ND(0.74)	ND(0.74)
Acenaphthene	0.27 J	NA	NA	ND(0.36)	ND(0.37)
Acenaphthylene	ND(0.39)	NA	NA	ND(0.36)	ND(0.37)
Aniline	ND(0.39)	NA	NA	ND(0.36)	ND(0.37)
Anthracene	0.69	NA	NA	ND(0.36)	ND(0.37)
Benzo(a)anthracene	0.81	NA	NA	ND(0.36)	ND(0.37)
Benzo(a)pyrene	0.39 J	NA	NA	ND(0.36)	ND(0.37)
Benzo(b)fluoranthene	0.37 J	NA	NA	ND(0.36)	ND(0.37)
Benzo(g,h,i)perylene	0.20 J	NA	NA	ND(0.36)	ND(0.37)
Benzo(k)fluoranthene	0.35 J	NA	NA	ND(0.36)	ND(0.37)
bis(2-Ethylhexyl)phthalate	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)
Butylbenzylphthalate	ND(0.39)	NA	NA	ND(0.36)	ND(0.37)
Chrysene	0.77	NA	NA	ND(0.36)	ND(0.37)
Dibenzo(a,h)anthracene	0.084 J	NA	NA	ND(0.36)	ND(0.37)
Dibenzofuran	0.22 J	NA	NA	ND(0.36)	ND(0.37)
Fluoranthene	2.1	NA	NA	ND(0.36)	0.10 J
Fluorene	0.34 J	NA	NA	ND(0.36)	ND(0.37)
Indeno(1,2,3-cd)pyrene	0.18 J	NA	NA	ND(0.36)	ND(0.37)
Isophorone	ND(0.39)	NA	NA	ND(0.36)	ND(0.37)
Naphthalene	0.24 J	NA	NA	ND(0.36)	ND(0.37)
Phenanthrene	2.4	NA	NA	ND(0.36)	ND(0.37)
Phenol	ND(0.39)	NA	NA	ND(0.36)	ND(0.37)
Pyrene	1.7	NA	NA	ND(0.36)	0.11 J
Furans					
2,3,7,8-TCDF	0.000018 Y	NA	NA	0.0000051 Y	0.0000085 Y
TCDFs (total)	0.00067 I	NA	NA	0.0013 I	0.00055 I
1,2,3,7,8-PeCDF	ND(0.0000017)	NA	NA	0.0000065	0.0000089
2,3,4,7,8-PeCDF	0.0000092	NA	NA	0.000063	0.000025
PeCDFs (total)	0.0011 I	NA	NA	0.0010 I	0.00071 I
1,2,3,4,7,8-HxCDF	ND(0.0000019)	NA	NA	0.000012	0.000012
1,2,3,6,7,8-HxCDF	ND(0.0000020)	NA	NA	0.000013	0.000011
1,2,3,7,8,9-HxCDF	ND(0.00000068)	NA	NA	0.0000040	0.0000071
2,3,4,6,7,8-HxCDF	ND(0.0000019)	NA	NA	0.000014	0.000013
HxCDFs (total)	0.00071 I	NA	NA	0.00047 I	0.00041 I
1,2,3,4,6,7,8-HpCDF	0.000082 I	NA	NA	0.000041 I	0.000049 I
1,2,3,4,7,8,9-HpCDF	ND(0.0000043) X	NA	NA	0.0000059	0.0000074
HpCDFs (total)	0.00011 I	NA	NA	0.000070 I	0.000082 I
OCDF	0.000015	NA	NA	0.000016	0.000025
Dioxins					
2,3,7,8-TCDD	ND(0.00000076)	NA	NA	ND(0.00000033)	ND(0.00000053)
TCDDs (total)	ND(0.00000076)	NA	NA	ND(0.00000033)	ND(0.00000053)
1,2,3,7,8-PeCDD	ND(0.0000058)	NA	NA	ND(0.0000027)	ND(0.0000035)
PeCDDs (total)	ND(0.0000058)	NA	NA	ND(0.0000027)	ND(0.0000035)
1,2,3,4,7,8-HxCDD	ND(0.0000022)	NA	NA	ND(0.0000010) X	ND(0.0000013) X
1,2,3,6,7,8-HxCDD	ND(0.0000024)	NA	NA	0.0000083	ND(0.0000013) X
1,2,3,7,8,9-HxCDD	ND(0.0000022)	NA	NA	ND(0.00000095) X	0.0000086
HxCDDs (total)	ND(0.0000024)	NA	NA	0.000015	0.0000087
1,2,3,4,6,7,8-HpCDD	ND(0.0000014)	NA	NA	0.000022	0.000021
HpCDDs (total)	ND(0.0000014)	NA	NA	0.000043	0.000038

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA5-D33 6-15 01/06/04	RAA5-D33 10-12 01/06/04	RAA5-E23 1-3 01/20/04	RAA5-E23 1-6 01/20/04	RAA5-E24 0-1 01/20/04
OCDD		0.000040	NA	NA	0.000085	0.00016
Total TEQs (WHO TEFs)		0.000011	NA	NA	0.000040	0.000022
Inorganics						
Antimony		1.40 B	NA	NA	0.910 B	0.970 B
Arsenic		5.20	NA	NA	4.20	4.80
Barium		33.0	NA	NA	22.0	19.0 B
Beryllium		0.260 B	NA	NA	0.170 B	0.200 B
Cadmium		0.780	NA	NA	0.190 B	ND(0.500)
Chromium		8.70	NA	NA	7.20	7.70
Cobalt		9.50	NA	NA	7.30	7.20
Copper		19.0	NA	NA	19.0	20.0
Cyanide		ND(0.240)	NA	NA	0.0800 B	0.0420 B
Lead		9.70	NA	NA	14.0	14.0
Mercury		0.0390 B	NA	NA	0.0240 B	0.0200 B
Nickel		16.0	NA	NA	13.0	13.0
Selenium		ND(1.00)	NA	NA	ND(1.00)	ND(1.00)
Silver		ND(1.00)	NA	NA	0.240 B	0.310 B
Sulfide		60.0	NA	NA	12.0	14.0
Thallium		ND(1.20)	NA	NA	ND(1.10)	ND(1.10)
Tin		3.00 B	NA	NA	3.10 B	3.80 B
Vanadium		6.70	NA	NA	5.20	6.60
Zinc		52.0	NA	NA	39.0	40.0

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA5-E25 0-1 01/13/04	RAA5-E25 6-15 01/13/04	RAA5-E25 13-15 01/13/04	RAA5-E29 0-1 01/12/04	RAA5-E29 1-6 01/12/04	RAA5-E29 4-6 01/12/04
Volatile Organics						
Carbon Disulfide	ND(0.0057)	NA	ND(0.0056)	ND(0.0055)	NA	ND(0.0056)
Trichloroethene	ND(0.0057)	NA	ND(0.0056)	ND(0.0055)	NA	ND(0.0056)
Semivolatile Organics						
1,2,4-Trichlorobenzene	ND(0.38)	ND(0.37)	NA	ND(0.36)	ND(0.37)	NA
2-Methylnaphthalene	ND(0.38)	ND(0.37)	NA	ND(0.36)	ND(0.37)	NA
3&4-Methylphenol	ND(0.76)	ND(0.74)	NA	ND(0.73)	ND(0.75)	NA
Acenaphthene	0.76	ND(0.37)	NA	ND(0.36)	ND(0.37)	NA
Acenaphthylene	ND(0.38)	ND(0.37)	NA	ND(0.36)	ND(0.37)	NA
Aniline	ND(0.38)	ND(0.37)	NA	ND(0.36)	ND(0.37)	NA
Anthracene	1.4	ND(0.37)	NA	ND(0.36)	ND(0.37)	NA
Benzo(a)anthracene	1.9	ND(0.37)	NA	ND(0.36)	ND(0.37)	NA
Benzo(a)pyrene	1.2	ND(0.37)	NA	ND(0.36)	ND(0.37)	NA
Benzo(b)fluoranthene	0.86	ND(0.37)	NA	ND(0.36)	ND(0.37)	NA
Benzo(g,h,i)perylene	0.59	ND(0.37)	NA	ND(0.36)	ND(0.37)	NA
Benzo(k)fluoranthene	1.2	ND(0.37)	NA	ND(0.36)	ND(0.37)	NA
bis(2-Ethylhexyl)phthalate	ND(0.37)	ND(0.36)	NA	ND(0.36)	ND(0.37)	NA
Butylbenzylphthalate	ND(0.38)	ND(0.37)	NA	ND(0.36)	ND(0.37)	NA
Chrysene	2.4	ND(0.37)	NA	ND(0.36)	ND(0.37)	NA
Dibenzo(a,h)anthracene	0.18 J	ND(0.37)	NA	ND(0.36)	ND(0.37)	NA
Dibenzofuran	0.41	ND(0.37)	NA	ND(0.36)	ND(0.37)	NA
Fluoranthene	6.7	ND(0.37)	NA	ND(0.36)	0.079 J	NA
Fluorene	0.80	ND(0.37)	NA	ND(0.36)	ND(0.37)	NA
Indeno(1,2,3-cd)pyrene	0.47	ND(0.37)	NA	ND(0.36)	ND(0.37)	NA
Isophorone	ND(0.38)	ND(0.37)	NA	ND(0.36)	ND(0.37)	NA
Naphthalene	ND(0.38)	ND(0.37)	NA	ND(0.36)	ND(0.37)	NA
Phenanthrene	6.9	ND(0.37)	NA	ND(0.36)	ND(0.37)	NA
Phenol	ND(0.38)	ND(0.37)	NA	ND(0.36)	ND(0.37)	NA
Pyrene	5.6	ND(0.37)	NA	ND(0.36)	0.096 J	NA
Furans						
2,3,7,8-TCDF	NA	ND(0.00000048)	NA	ND(0.0000031)	ND(0.0000053)	NA
TCDFs (total)	NA	ND(0.00000048)	NA	0.00068 I	0.00029 I	NA
1,2,3,7,8-PeCDF	NA	ND(0.00000048)	NA	ND(0.0000031)	ND(0.0000012)	NA
2,3,4,7,8-PeCDF	NA	ND(0.00000054)	NA	ND(0.0000037)	0.0000085	NA
PeCDFs (total)	NA	ND(0.00000054)	NA	0.00080 I	0.00039 I	NA
1,2,3,4,7,8-HxCDF	NA	ND(0.00000032)	NA	ND(0.0000029)	0.0000042	NA
1,2,3,6,7,8-HxCDF	NA	ND(0.00000029)	NA	ND(0.0000029)	ND(0.0000021) X	NA
1,2,3,7,8,9-HxCDF	NA	ND(0.00000022)	NA	ND(0.0000022)	ND(0.00000047)	NA
2,3,4,6,7,8-HxCDF	NA	ND(0.00000026)	NA	ND(0.0000025)	ND(0.0000026) X	NA
HxCDFs (total)	NA	ND(0.00000032)	NA	0.00047 I	0.00022 I	NA
1,2,3,4,6,7,8-HpCDF	NA	ND(0.00000024)	NA	0.000050 I	0.000042 I	NA
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000026)	NA	ND(0.0000018)	ND(0.0000022) X	NA
HpCDFs (total)	NA	ND(0.00000026)	NA	0.000070 I	0.000093 I	NA
OCDF	NA	ND(0.00000061)	NA	0.000013	0.000022	NA
Dioxins						
2,3,7,8-TCDD	NA	ND(0.00000053)	NA	ND(0.0000011)	ND(0.00000060)	NA
TCDDs (total)	NA	ND(0.00000053)	NA	ND(0.0000011)	ND(0.00000060)	NA
1,2,3,7,8-PeCDD	NA	ND(0.00000095)	NA	ND(0.000014)	ND(0.0000037)	NA
PeCDDs (total)	NA	ND(0.00000095)	NA	ND(0.000014)	ND(0.0000037)	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.00000037)	NA	ND(0.0000031)	ND(0.00000098)	NA
1,2,3,6,7,8-HxCDD	NA	ND(0.00000038)	NA	ND(0.0000031)	ND(0.0000010)	NA
1,2,3,7,8,9-HxCDD	NA	ND(0.00000034)	NA	ND(0.0000028)	ND(0.00000094)	NA
HxCDDs (total)	NA	ND(0.00000038)	NA	ND(0.0000031)	ND(0.0000010)	NA
1,2,3,4,6,7,8-HpCDD	NA	ND(0.00000040)	NA	ND(0.0000023)	0.000011	NA
HpCDDs (total)	NA	ND(0.00000040)	NA	ND(0.0000023)	0.000016	NA

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

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

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA5-E25 0-1 01/13/04	RAA5-E25 6-15 01/13/04	RAA5-E25 13-15 01/13/04	RAA5-E29 0-1 01/12/04	RAA5-E29 1-6 01/12/04	RAA5-E29 4-6 01/12/04
OCDD	NA	ND(0.0000045) X	NA	0.000028	0.000022	NA
Total TEQs (WHO TEFs)	NA	0.0000010	NA	0.000010	0.0000081	NA
Inorganics						
Antimony	ND(6.00)	ND(6.00)	NA	0.850 B	1.20 B	NA
Arsenic	4.90	6.30	NA	4.00	5.60	NA
Barium	23.0	34.0	NA	19.0 B	57.0	NA
Beryllium	0.230 B	0.340 B	NA	0.170 B	0.220 B	NA
Cadmium	0.130 B	0.180 B	NA	0.450 B	0.600	NA
Chromium	7.10	8.20	NA	5.70	5.30	NA
Cobalt	7.60	9.70	NA	4.50 B	13.0	NA
Copper	23.0	17.0	NA	11.0	18.0	NA
Cyanide	ND(0.230)	ND(0.550)	NA	0.0760 B	0.0960 B	NA
Lead	17.0	6.30	NA	6.40	10.0	NA
Mercury	0.0250 B	ND(0.110)	NA	0.0140 B	0.0250 B	NA
Nickel	14.0	18.0	NA	8.60	11.0	NA
Selenium	ND(1.00)	0.770 B	NA	ND(1.00)	ND(1.00)	NA
Silver	0.280 B	0.150 B	NA	0.120 B	0.230 B	NA
Sulfide	ND(5.70)	8.80	NA	7.00	7.20	NA
Thallium	ND(1.10)	1.10 B	NA	ND(1.10)	ND(1.10)	NA
Tin	3.40 B	2.70 B	NA	3.00 B	2.90 B	NA
Vanadium	6.40	7.40	NA	5.30	4.70 B	NA
Zinc	42.0	52.0	NA	33.0	48.0	NA

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

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA5-F5 0-1 01/14/04	RAA5-F33 0-1 01/06/04	RAA5-H29 0-1 01/12/04	RAA5-H29 1-3 01/12/04	RAA5-H29 1-6 01/12/04
Volatile Organics					
Carbon Disulfide	ND(0.0052)	ND(0.0054)	ND(0.0055)	ND(0.0055)	NA
Trichloroethene	ND(0.0052)	0.025	ND(0.0055)	ND(0.0055)	NA
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.35)	ND(0.36)	ND(0.36)	NA	ND(0.36)
2-Methylnaphthalene	ND(0.35)	ND(0.36)	ND(0.36)	NA	ND(0.36)
3&4-Methylphenol	ND(0.70)	ND(0.72)	ND(0.74)	NA	ND(0.73)
Acenaphthene	ND(0.35)	ND(0.36)	ND(0.36)	NA	ND(0.36)
Acenaphthylene	ND(0.35)	ND(0.36)	ND(0.36)	NA	ND(0.36)
Aniline	ND(0.35)	ND(0.36)	ND(0.36)	NA	ND(0.36)
Anthracene	ND(0.35)	ND(0.36)	ND(0.36)	NA	ND(0.36)
Benzo(a)anthracene	0.20 J	ND(0.36)	ND(0.36)	NA	ND(0.36)
Benzo(a)pyrene	0.10 J	ND(0.36)	ND(0.36)	NA	ND(0.36)
Benzo(b)fluoranthene	0.13 J	ND(0.36)	ND(0.36)	NA	ND(0.36)
Benzo(g,h,i)perylene	ND(0.35)	ND(0.36)	ND(0.36)	NA	ND(0.36)
Benzo(k)fluoranthene	0.17 J	ND(0.36)	ND(0.36)	NA	ND(0.36)
bis(2-Ethylhexyl)phthalate	1.0	ND(0.35)	ND(0.36)	NA	ND(0.36)
Butylbenzylphthalate	0.25 J	ND(0.36)	ND(0.36)	NA	ND(0.36)
Chrysene	0.39	ND(0.36)	ND(0.36)	NA	ND(0.36)
Dibenzo(a,h)anthracene	ND(0.35)	ND(0.36)	ND(0.36)	NA	ND(0.36)
Dibenzofuran	ND(0.35)	ND(0.36)	ND(0.36)	NA	ND(0.36)
Fluoranthene	0.76	ND(0.36)	ND(0.36)	NA	ND(0.36)
Fluorene	ND(0.35)	ND(0.36)	ND(0.36)	NA	ND(0.36)
Indeno(1,2,3-cd)pyrene	ND(0.35)	ND(0.36)	ND(0.36)	NA	ND(0.36)
Isophorone	ND(0.35)	6.6	ND(0.36)	NA	ND(0.36)
Naphthalene	ND(0.35)	ND(0.36)	ND(0.36)	NA	ND(0.36)
Phenanthrene	0.22 J	ND(0.36)	ND(0.36)	NA	ND(0.36)
Phenol	ND(0.35)	ND(0.36)	ND(0.36)	NA	ND(0.36)
Pyrene	0.63	ND(0.36)	ND(0.36)	NA	ND(0.36)
Furans					
2,3,7,8-TCDF	0.0000078 Y	0.000033 Y	ND(0.0000020)	NA	NA
TCDFs (total)	0.0018 I	0.0040 I	0.00042 I	NA	NA
1,2,3,7,8-PeCDF	ND(0.0000025)	0.000013	ND(0.0000021)	NA	NA
2,3,4,7,8-PeCDF	ND(0.0000027)	0.000044	ND(0.0000023)	NA	NA
PeCDFs (total)	0.0028 I	0.0058 I	0.00090 I	NA	NA
1,2,3,4,7,8-HxCDF	0.0000058	0.000040	ND(0.0000083) X	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.0000024)	0.000016	ND(0.0000016)	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.0000021)	ND(0.0000023)	ND(0.0000012)	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.0000021)	0.000019	ND(0.0000014)	NA	NA
HxCDFs (total)	0.0017 I	0.0027 I	0.00048 I	NA	NA
1,2,3,4,6,7,8-HpCDF	0.00016 I	0.00026 I	0.000056 I	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000012)	0.000012	ND(0.0000024) X	NA	NA
HpCDFs (total)	0.00020 I	0.00038 I	0.000057 I	NA	NA
OCDF	ND(0.0000010)	0.000076	0.0000095	NA	NA
Dioxins					
2,3,7,8-TCDD	ND(0.00000098)	ND(0.00000060)	ND(0.00000071)	NA	NA
TCDDs (total)	ND(0.00000098)	0.00000082	ND(0.00000071)	NA	NA
1,2,3,7,8-PeCDD	ND(0.000011)	ND(0.0000091)	ND(0.0000047)	NA	NA
PeCDDs (total)	ND(0.000011)	ND(0.0000091)	ND(0.0000047)	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.0000034)	ND(0.0000029)	ND(0.0000015)	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.0000033)	ND(0.0000030)	ND(0.0000016)	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.0000030)	ND(0.0000028)	ND(0.0000015)	NA	NA
HxCDDs (total)	ND(0.0000034)	ND(0.0000030)	ND(0.0000016)	NA	NA
1,2,3,4,6,7,8-HpCDD	ND(0.000014) X	0.000029	ND(0.0000064) X	NA	NA
HpCDDs (total)	0.000015	0.000059	0.0000074	NA	NA

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

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA5-F5 0-1 01/14/04	RAA5-F33 0-1 01/06/04	RAA5-H29 0-1 01/12/04	RAA5-H29 1-3 01/12/04	RAA5-H29 1-6 01/12/04
OCDD		0.000044	0.00030	0.000045	NA	NA
Total TEQs (WHO TEFs)		0.000011	0.000042	0.0000049	NA	NA
Inorganics						
Antimony		ND(6.00)	1.50 B	1.00 B	NA	ND(6.00)
Arsenic		4.10	2.80	5.30	NA	7.90
Barium		120	26.0	28.0	NA	21.0
Beryllium		0.290 B	0.180 B	0.260 B	NA	0.270 B
Cadmium		0.360 B	0.640	0.540	NA	0.660
Chromium		6.50	5.40	11.0	NA	7.50
Cobalt		13.0	5.20	8.30	NA	9.50
Copper		23.0	14.0	22.0	NA	25.0
Cyanide		ND(0.100)	0.0580 B	0.0430 B	NA	0.0280 B
Lead		18.0	10.0	9.60	NA	11.0
Mercury		0.0160 B	0.0230 B	0.0220 B	NA	0.00940 B
Nickel		16.0	10.0	13.0	NA	16.0
Selenium		ND(1.00)	ND(1.00)	ND(1.00)	NA	ND(1.00)
Silver		0.420 B	ND(1.00)	0.110 B	NA	ND(1.00)
Sulfide		5.00 B	6.80	8.80	NA	ND(5.40)
Thallium		ND(1.00)	ND(1.10)	ND(1.10)	NA	ND(1.10)
Tin		2.60 B	3.00 B	3.40 B	NA	2.90 B
Vanadium		4.10 B	5.40	5.70	NA	6.20
Zinc		18.0	38.0	40.0	NA	55.0

TABLE 3-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 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 were submitted to CT&E Environmental Services, Inc. for analysis of Appendix IX+3 constituents.
2. NA - Not Analyzed - Laboratory did not report results for this analyte.
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)

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

Inorganics

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

TABLE 3-4
PCB DATA RECEIVED DURING JANUARY 2004

BUILDING 12X DRUM SAMPLING
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1260	Aroclor-1248	Aroclor-1254	Total PCBs
12X-E0875-CW-1	1/26/2004	ND(0.00025)	0.00080	0.0036	0.0044

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

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

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted Revised Conceptual Removal Design/Removal Action (RD/RA) Work Plan (January 6, 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

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

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

a. Activities Undertaken/Completed

- Continued transfer of leachate from Building 71 On-Plant Consolidation Area (OPCA) to Building 64G for treatment. The total amount transferred in January 2004 was 35,000 gallons (see Table 5-1).

- Completed transfer of demolition debris from Building 29B to the OPCAs.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Continue transfer of building demo debris and/or excavated material from 1½ Mile Reach to the OPCAs (weather dependent).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

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

Month / Year	Total Volume of Leachate Transferred (Gallons)
January 2003	50,000
February 2003	30,000
March 2003	120,000
April 2003	100,000
May 2003	68,000
June 2003	65,000
July 2003	53,000
August 2003	122,500
September 2003	94,000
October 2003	84,000
November 2003	86,500
December 2003	102,500
January 2004	35,000

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)
JANUARY 2004

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted final notification/completion report covering emergency excavation at Standard Grid O-33, at the northern side of Pittsfield Generating Facility in response to a hypochlorite spill (January 14, 2004). A copy of that report is provided as Attachment D.

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

Submit Pre-Design Investigation Work Plan (due February 27, 2004).*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

a. Activities Undertaken/Completed

- Continued pre-design investigation soil sampling.*

- Conducted sampling of beaver dam material, as identified in Table 7-1.

- Reached agreement with Massachusetts Community College System to allow access to the Massachusetts Department of Higher Education (Berkshire Community College) property within this area for soil sampling and groundwater monitoring. GE expects that this agreement will be executed in February 2004.*

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted final notification/completion report covering the following excavations (January 14, 2004):

(1) Minor excavation of Standard Grid K-44, at the southeast corner of GE Plastics Building 108, to repair a pipe leak in the fire system;
(2) Emergency excavation at Standard Grid J-44 to repair a leak in the fire system adjacent to GE Plastics Building 109; and
(3) Excavation at Standard Grid M-43 to repair a leaking hydrant between the south side of Building 59 and the Mill Road at the GE Plastics Facility.

A copy of that report is provided as Attachment D.

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

- Finalize agreement for access to Massachusetts Department of Higher Education (Berkshire Community College) property in this area (see Item 7a above).*

- Submit Interim Pre-Design Investigation Report (due February 19, 2004).*

ITEM 7
(cont'd)
PLANT AREA
UNKAMET BROOK AREA
(GECD170)
JANUARY 2004

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 JANUARY 2004

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Beaver Dam Material Roll-Off Sampling	UBD-3011-1	1/26/04	NA	Solid	CT&E	PCB	1/29/04
Beaver Dam Material Roll-Off Sampling	UBD-3011-2	1/26/04	NA	Solid	CT&E	PCB	1/29/04
Beaver Dam Material Roll-Off Sampling	UBD-3011-3	1/26/04	NA	Solid	CT&E	PCB	1/29/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-28 (RAA10-N-G26)	1/7/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-29 (RAA10-N-AA26)	1/13/04	0-1	Soil	CT&E	PCB	1/19/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-30 (RAA10-N-V25)	1/14/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-31 (RAA10-N-K9)	1/16/04	0-1	Soil	CT&E	PCB	1/22/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-32 (RAA10-N-N16)	1/20/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-33 (RAA10-N-E24)	1/28/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-A28	1/12/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	1/22/04
Pre-Design Soil Investigation Sampling	RAA10-N-AA26	1/13/04	0-1	Soil	CT&E	PCB	1/19/04
Pre-Design Soil Investigation Sampling	RAA10-N-BB23	1/13/04	0-1	Soil	CT&E	PCB	1/19/04
Pre-Design Soil Investigation Sampling	RAA10-N-BB25	1/14/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-BB27	1/14/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-C26	1/12/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	1/22/04
Pre-Design Soil Investigation Sampling	RAA10-N-CC22.5	1/28/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-CC23	1/28/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-CC25	1/13/04	0-1	Soil	CT&E	PCB	1/19/04
Pre-Design Soil Investigation Sampling	RAA10-N-CC28	1/14/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-E20	1/28/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-E22	1/28/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-E24	1/28/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-E28	1/12/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	1/22/04
Pre-Design Soil Investigation Sampling	RAA10-N-EE23	1/28/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-EE26	1/28/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-EE27	1/14/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-F23	1/7/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-FF23	1/13/04	0-1	Soil	CT&E	PCB	1/19/04
Pre-Design Soil Investigation Sampling	RAA10-N-FF23.5	1/28/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-FF26	1/14/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-FF27	1/14/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-G18	1/7/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-G22	1/7/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-G26	1/7/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-GG25	1/14/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-H21	1/28/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-H23	1/7/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-H25	1/28/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-HH24	1/13/04	0-1	Soil	CT&E	PCB	1/19/04
Pre-Design Soil Investigation Sampling	RAA10-N-HH25	1/28/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-I12	1/15/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-I14	1/20/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-I16	1/15/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-I18	1/16/04	0-1	Soil	CT&E	PCB	1/22/04
Pre-Design Soil Investigation Sampling	RAA10-N-I20	1/28/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-I22	1/7/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	1/28/04

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 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-I24	1/28/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-I28	1/12/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	1/22/04
Pre-Design Soil Investigation Sampling	RAA10-N-J10	1/16/04	0-1	Soil	CT&E	PCB	1/22/04
Pre-Design Soil Investigation Sampling	RAA10-N-J11	1/16/04	0-1	Soil	CT&E	PCB	1/22/04
Pre-Design Soil Investigation Sampling	RAA10-N-J13	1/16/04	0-1	Soil	CT&E	PCB	1/22/04
Pre-Design Soil Investigation Sampling	RAA10-N-J15	1/16/04	0-1	Soil	CT&E	PCB	1/22/04
Pre-Design Soil Investigation Sampling	RAA10-N-J17	1/16/04	0-1	Soil	CT&E	PCB	1/22/04
Pre-Design Soil Investigation Sampling	RAA10-N-J19	1/20/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-J21	1/20/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-J23	1/7/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-K14	1/20/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-K18	1/20/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-K22	1/20/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-K26	1/12/04	0-1	Soil	CT&E	PCB	1/22/04
Pre-Design Soil Investigation Sampling	RAA10-N-K9	1/16/04	0-1	Soil	CT&E	PCB	1/22/04
Pre-Design Soil Investigation Sampling	RAA10-N-L10	1/20/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-L11	1/20/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-L12	1/19/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	1/29/04
Pre-Design Soil Investigation Sampling	RAA10-N-L13	1/20/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-L14	1/20/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-L15	1/20/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-L16	1/20/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-L21	1/20/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-L8	1/16/04	0-1	Soil	CT&E	PCB	1/22/04
Pre-Design Soil Investigation Sampling	RAA10-N-M11	1/20/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-M13	1/20/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-M15	1/20/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-M22	1/20/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-M24	1/15/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-M28	1/12/04	0-1	Soil	CT&E	PCB	1/22/04
Pre-Design Soil Investigation Sampling	RAA10-N-M9	1/16/04	0-1	Soil	CT&E	PCB	1/22/04
Pre-Design Soil Investigation Sampling	RAA10-N-MN27	1/28/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-N11	1/20/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-N12	1/19/04	0-1	Soil	CT&E	PCB	1/29/04
Pre-Design Soil Investigation Sampling	RAA10-N-N13	1/19/04	0-1	Soil	CT&E	PCB	1/29/04
Pre-Design Soil Investigation Sampling	RAA10-N-N16	1/20/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-N21.5	1/20/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-N23	1/15/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-N25	1/15/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-N9	1/16/04	0-1	Soil	CT&E	PCB	1/22/04
Pre-Design Soil Investigation Sampling	RAA10-N-OO25	1/28/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-P23	1/15/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-P25	1/15/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-P27	1/12/04	0-1	Soil	CT&E	PCB	1/22/04
Pre-Design Soil Investigation Sampling	RAA10-N-Q24	1/15/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-Q26	1/15/04	0-1	Soil	CT&E	PCB	1/28/04

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 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-Q28	1/12/04	0-1	Soil	CT&E	PCB	1/22/04
Pre-Design Soil Investigation Sampling	RAA10-N-R23	1/15/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-R25	1/15/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-R27	1/15/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-S26	1/15/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-T23.5	1/28/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-T25	1/15/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-T27.5	1/14/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-U24	1/14/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-U28	1/13/04	0-1	Soil	CT&E	PCB	1/19/04
Pre-Design Soil Investigation Sampling	RAA10-N-V23	1/14/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-V25	1/14/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-W26	1/14/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-X23.5	1/28/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-X25	1/14/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-X26.5	1/14/04	0-1	Soil	CT&E	PCB	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-Y24	1/14/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	1/28/04
Pre-Design Soil Investigation Sampling	RAA10-N-Y26	1/13/04	0-1	Soil	CT&E	PCB	1/19/04
Pre-Design Soil Investigation Sampling	RAA10-N-Y28	1/14/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	1/28/04

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

TABLE 7-2
PCB DATA RECEIVED DURING JANUARY 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-A28	0-1	1/12/2004	ND(0.042)	0.12	0.20	0.32
RAA10-N-AA26	0-1	1/13/2004	ND(0.050) [ND(0.049)]	0.13 [0.12]	0.19 [0.18]	0.32 [0.30]
RAA10-N-BB23	0-1	1/13/2004	ND(0.044)	0.17	0.19	0.36
RAA10-N-BB25	0-1	1/14/2004	ND(0.070)	0.40	0.28	0.68
RAA10-N-BB27	0-1	1/14/2004	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)
RAA10-N-C26	0-1	1/12/2004	ND(0.066)	ND(0.066)	0.10	0.10
RAA10-N-CC25	0-1	1/13/2004	ND(0.053)	0.21	0.30	0.51
RAA10-N-CC28	0-1	1/14/2004	ND(0.041)	0.23	0.44	0.67
RAA10-N-E28	0-1	1/12/2004	ND(0.042)	ND(0.042)	0.013 J	0.013 J
RAA10-N-EE27	0-1	1/14/2004	ND(0.040)	0.16	0.18	0.34
RAA10-N-F23	0-1	1/7/2004	ND(0.089)	ND(0.089)	0.054 J	0.054 J
RAA10-N-FF23	0-1	1/13/2004	ND(0.042)	0.31	0.41	0.72
RAA10-N-FF26	0-1	1/14/2004	ND(0.20)	ND(0.20)	3.7	3.7
RAA10-N-FF27	0-1	1/14/2004	ND(0.041)	0.68	0.89	1.57
RAA10-N-G18	0-1	1/7/2004	ND(0.079)	ND(0.079)	ND(0.079)	ND(0.079)
RAA10-N-G22	0-1	1/7/2004	ND(0.071)	ND(0.071)	0.029 J	0.029 J
RAA10-N-G26	0-1	1/7/2004	ND(0.051) [ND(0.048)]	ND(0.051) [ND(0.048)]	0.016 J [0.031 J]	0.016 J [0.031 J]
RAA10-N-GG25	0-1	1/14/2004	ND(0.048)	0.13	0.23	0.36
RAA10-N-H23	0-1	1/7/2004	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)
RAA10-N-HH24	0-1	1/13/2004	ND(0.040)	0.11	0.20	0.31
RAA10-N-I12	0-1	1/15/2004	ND(0.039)	0.098	0.053	0.151
RAA10-N-I14	0-1	1/20/2004	ND(0.064)	0.81	0.81	1.62
RAA10-N-I16	0-1	1/15/2004	ND(0.13)	0.15	0.10 J	0.25
RAA10-N-I18	0-1	1/16/2004	ND(0.097)	0.20	0.10	0.30
RAA10-N-I22	0-1	1/7/2004	ND(0.062)	ND(0.062)	ND(0.062)	ND(0.062)
RAA10-N-I28	0-1	1/12/2004	ND(0.041)	0.011 J	0.014 J	0.025 J
RAA10-N-J10	0-1	1/16/2004	ND(0.043)	ND(0.043)	0.45	0.45
RAA10-N-J11	0-1	1/16/2004	ND(0.039)	0.22	0.28	0.50
RAA10-N-J13	0-1	1/16/2004	ND(0.12)	0.053 J	0.058 J	0.111 J
RAA10-N-J15	0-1	1/16/2004	ND(0.12)	0.23	0.23	0.46
RAA10-N-J17	0-1	1/16/2004	ND(0.086)	0.15	0.14	0.29
RAA10-N-J19	0-1	1/20/2004	ND(0.10)	ND(0.10)	0.031 J	0.031 J
RAA10-N-J21	0-1	1/20/2004	ND(0.091)	ND(0.091)	ND(0.091)	ND(0.091)
RAA10-N-J23	0-1	1/7/2004	ND(0.096)	ND(0.096)	ND(0.096)	ND(0.096)
RAA10-N-K9	0-1	1/16/2004	ND(0.042) [ND(0.040)]	0.10 [0.11]	0.22 [0.22]	0.32 [0.33]
RAA10-N-K14	0-1	1/20/2004	ND(0.13)	0.89	0.72	1.61
RAA10-N-K18	0-1	1/20/2004	ND(0.11)	0.18	0.14	0.32
RAA10-N-K22	0-1	1/20/2004	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)
RAA10-N-K26	0-1	1/12/2004	ND(0.053)	0.038 J	0.032 J	0.070 J
RAA10-N-L8	0-1	1/16/2004	ND(0.048)	0.85	1.3	2.15
RAA10-N-L10	0-1	1/20/2004	ND(2.4)	5.6	8.2	13.8
RAA10-N-L11	0-1	1/20/2004	ND(0.065)	1.1	1.2	2.3
RAA10-N-L12	0-1	1/19/2004	ND(0.10)	1.5	1.9	3.4
RAA10-N-L13	0-1	1/20/2004	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)
RAA10-N-L14	0-1	1/20/2004	ND(0.15)	0.69	0.63	1.32
RAA10-N-L15	0-1	1/20/2004	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)
RAA10-N-L16	0-1	1/20/2004	ND(0.13)	0.17	0.13 J	0.30
RAA10-N-L21	0-1	1/20/2004	ND(0.068)	ND(0.068)	0.025 J	0.025 J
RAA10-N-M9	0-1	1/16/2004	ND(0.048)	0.54	1.2	1.74
RAA10-N-M11	0-1	1/20/2004	ND(0.089)	ND(0.089)	3.7	3.7
RAA10-N-M13	0-1	1/20/2004	ND(0.16)	2.8	2.7	5.5
RAA10-N-M15	0-1	1/20/2004	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)
RAA10-N-M22	0-1	1/20/2004	ND(0.055)	ND(0.055)	0.019 J	0.019 J
RAA10-N-M24	0-1	1/15/2004	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
RAA10-N-M28	0-1	1/12/2004	ND(0.041)	ND(0.041)	0.021 J	0.021 J
RAA10-N-N9	0-1	1/16/2004	ND(0.046)	0.087	0.081	0.168
RAA10-N-N11	0-1	1/20/2004	ND(24)	120	250	370

TABLE 7-2
PCB DATA RECEIVED DURING JANUARY 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-N12	0-1	1/19/2004	ND(7.9)	32	46	78
RAA10-N-N13	0-1	1/19/2004	ND(12)	280	470	750
RAA10-N-N16	0-1	1/20/2004	ND(0.052) [ND(0.050)]	0.15 [0.094]	0.084 [0.048 J]	0.234 [0.142]
RAA10-N-N21.5	0-1	1/20/2004	ND(0.061)	ND(0.061)	ND(0.061)	ND(0.061)
RAA10-N-N23	0-1	1/15/2004	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)
RAA10-N-N25	0-1	1/15/2004	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
RAA10-N-P23	0-1	1/15/2004	ND(0.089)	0.33	0.15	0.48
RAA10-N-P25	0-1	1/15/2004	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)
RAA10-N-P27	0-1	1/12/2004	ND(0.088)	0.64	0.76	1.4
RAA10-N-Q24	0-1	1/15/2004	ND(0.058)	ND(0.058)	ND(0.058)	ND(0.058)
RAA10-N-Q26	0-1	1/15/2004	ND(0.068)	ND(0.068)	0.074	0.074
RAA10-N-Q28	0-1	1/12/2004	ND(0.045)	0.029 J	0.045 J	0.074 J
RAA10-N-R23	0-1	1/15/2004	ND(0.070)	ND(0.070)	ND(0.070)	ND(0.070)
RAA10-N-R25	0-1	1/15/2004	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)
RAA10-N-R27	0-1	1/15/2004	ND(0.074)	ND(0.074)	ND(0.074)	ND(0.074)
RAA10-N-S26	0-1	1/15/2004	ND(0.076)	ND(0.076)	ND(0.076)	ND(0.076)
RAA10-N-T25	0-1	1/15/2004	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)
RAA10-N-T27.5	0-1	1/14/2004	ND(0.042)	ND(0.042)	0.18	0.18
RAA10-N-U24	0-1	1/14/2004	ND(0.091)	ND(0.091)	0.42	0.42
RAA10-N-U28	0-1	1/13/2004	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
RAA10-N-V23	0-1	1/14/2004	ND(0.10)	1.3	0.97	2.27
RAA10-N-V25	0-1	1/14/2004	ND(0.085) [ND(0.085)]	0.30 [0.28]	0.21 [0.16]	0.51 [0.44]
RAA10-N-W26	0-1	1/14/2004	ND(0.065)	0.034 J	0.037 J	0.071 J
RAA10-N-X25	0-1	1/14/2004	ND(0.073)	0.14	0.098	0.238
RAA10-N-X26.5	0-1	1/14/2004	ND(0.061)	ND(0.061)	0.17	0.17
RAA10-N-Y24	0-1	1/14/2004	ND(0.079)	0.82	0.50	1.32
RAA10-N-Y26	0-1	1/13/2004	ND(0.042)	0.12	0.20	0.32
RAA10-N-Y28	0-1	1/14/2004	ND(0.045)	0.054	0.093	0.147

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 JANUARY 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-A28 0-1 01/12/04	RAA10-N-BB25 0-1 01/14/04	RAA10-N-C26 0-1 01/12/04	RAA10-N-CC28 0-1 01/14/04	RAA10-N-E28 0-1 01/12/04
Volatile Organics						
2-Butanone		ND(0.013)	ND(0.021)	ND(0.020)	ND(0.012)	ND(0.012)
Acetone		ND(0.025)	ND(0.042)	ND(0.040)	ND(0.025)	ND(0.025)
Benzene		ND(0.0064)	ND(0.010)	ND(0.0099)	ND(0.0062)	ND(0.0063)
Xylenes (total)		ND(0.0064)	ND(0.010)	ND(0.0099)	ND(0.0062)	ND(0.0063)
Semivolatile Organics						
Acenaphthylene		0.097 J	ND(0.70)	ND(0.66)	0.087 J	ND(0.42)
Aniline		0.28 J	ND(0.70)	ND(0.66)	ND(0.41)	ND(0.42)
Anthracene		0.093 J	ND(0.70)	ND(0.66)	0.098 J	ND(0.42)
Benzo(a)anthracene		0.19 J	ND(0.70)	ND(0.66)	0.28 J	ND(0.42)
Benzo(a)pyrene		0.14 J	ND(0.70)	ND(0.66)	0.14 J	ND(0.42)
Benzo(b)fluoranthene		0.11 J	ND(0.70)	ND(0.66)	0.16 J	ND(0.42)
Benzo(g,h,i)perylene		ND(0.42)	ND(0.70)	ND(0.66)	ND(0.41)	ND(0.42)
Benzo(k)fluoranthene		0.21 J	ND(0.70)	ND(0.66)	0.25 J	ND(0.42)
bis(2-Ethylhexyl)phthalate		ND(0.42)	ND(0.69)	ND(0.65)	ND(0.41)	ND(0.41)
Chrysene		0.30 J	ND(0.70)	ND(0.66)	0.45	ND(0.42)
Fluoranthene		0.51	ND(0.70)	ND(0.66)	1.0	ND(0.42)
Indeno(1,2,3-cd)pyrene		ND(0.42)	ND(0.70)	ND(0.66)	ND(0.41)	ND(0.42)
Naphthalene		ND(0.42)	ND(0.70)	ND(0.66)	ND(0.41)	ND(0.42)
Phenanthrene		0.28 J	ND(0.70)	ND(0.66)	0.38 J	ND(0.42)
Phenol		ND(0.42)	ND(0.70)	ND(0.66)	ND(0.41)	ND(0.42)
Pyrene		0.56	ND(0.70)	ND(0.66)	0.98	ND(0.42)
Organochlorine Pesticides						
4,4'-DDD		NA	0.025	ND(0.20)	NA	NA
4,4'-DDE		NA	0.0056 J	0.55	NA	NA
4,4'-DDT		NA	0.041	ND(0.20)	NA	NA
Organophosphate Pesticides						
None Detected		NA	--	--	NA	NA
Herbicides						
None Detected		NA	--	--	NA	NA
Furans						
2,3,7,8-TCDF		NA	0.000028 Y	0.000029 Y	NA	NA
TCDFs (total)		NA	0.00039 I	0.00047 I	NA	NA
1,2,3,7,8-PeCDF		NA	0.0000064	ND(0.0000027)	NA	NA
2,3,4,7,8-PeCDF		NA	0.0000099	0.000016	NA	NA
PeCDFs (total)		NA	0.00033 I	0.00038 I	NA	NA
1,2,3,4,7,8-HxCDF		NA	0.0000078	ND(0.0000018)	NA	NA
1,2,3,6,7,8-HxCDF		NA	0.0000030	ND(0.0000017)	NA	NA
1,2,3,7,8,9-HxCDF		NA	ND(0.00000059)	ND(0.0000010)	NA	NA
2,3,4,6,7,8-HxCDF		NA	0.0000029	0.0000080	NA	NA
HxCDFs (total)		NA	0.00014 I	0.00015 I	NA	NA
1,2,3,4,6,7,8-HpCDF		NA	0.000021 I	0.000028 I	NA	NA
1,2,3,4,7,8,9-HpCDF		NA	ND(0.00000029)	ND(0.00000089)	NA	NA
HpCDFs (total)		NA	0.000029 I	0.000047 I	NA	NA
OCDF		NA	0.000011	0.000024	NA	NA
Dioxins						
2,3,7,8-TCDD		NA	ND(0.00000055)	ND(0.0000018)	NA	NA
TCDDs (total)		NA	ND(0.00000055)	ND(0.0000018)	NA	NA
1,2,3,7,8-PeCDD		NA	ND(0.0000029)	ND(0.0000046)	NA	NA
PeCDDs (total)		NA	ND(0.0000029)	ND(0.0000046)	NA	NA
1,2,3,4,7,8-HxCDD		NA	ND(0.00000076)	ND(0.0000015)	NA	NA
1,2,3,6,7,8-HxCDD		NA	ND(0.00000076)	ND(0.0000018)	NA	NA
1,2,3,7,8,9-HxCDD		NA	ND(0.00000070)	ND(0.0000016)	NA	NA
HxCDDs (total)		NA	ND(0.00000076)	ND(0.0000018)	NA	NA
1,2,3,4,6,7,8-HpCDD		NA	0.000010	0.000031	NA	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 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-A28 0-1 01/12/04	RAA10-N-BB25 0-1 01/14/04	RAA10-N-C26 0-1 01/12/04	RAA10-N-CC28 0-1 01/14/04	RAA10-N-E28 0-1 01/12/04
HpCDDs (total)	NA	0.000010	0.000058	NA	NA
OCDD	NA	0.000054	0.00016	NA	NA
Total TEQs (WHO TEFs)	NA	0.000012	0.000016	NA	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 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-A28 0-1 01/12/04	RAA10-N-BB25 0-1 01/14/04	RAA10-N-C26 0-1 01/12/04	RAA10-N-CC28 0-1 01/14/04	RAA10-N-E28 0-1 01/12/04
Inorganics						
Antimony		1.10 B	1.60 B	2.10 B	2.60 B	1.20 B
Arsenic		3.90	4.20	9.60	90.0	13.0
Barium		31.0	54.0	83.0	35.0	38.0
Beryllium		0.190 B	0.440 B	0.630	0.300 B	0.260 B
Cadmium		0.630	0.250 B	1.10	0.240 B	0.620
Chromium		5.50	10.0	13.0	8.60	8.90
Cobalt		5.20	6.70	9.10	8.40	9.10
Copper		18.0	8.50	30.0	38.0	36.0
Cyanide		0.290	0.210	0.230	0.150	0.180
Lead		91.0	24.0	55.0	40.0	19.0
Mercury		0.0450 B	0.290	0.160 B	0.150	0.0710 B
Nickel		8.10	14.0	15.0	17.0	17.0
Selenium		ND(1.00)	ND(1.60)	ND(1.50)	1.40	ND(1.00)
Silver		0.160 B	0.230 B	0.260 B	0.180 B	ND(1.00)
Sulfide		10.0	ND(10.0)	ND(9.90)	37.0	20.0
Thallium		ND(1.30)	ND(2.10)	ND(2.00)	1.20 B	ND(1.20)
Tin		3.70 B	5.80 B	7.50 B	5.40 B	4.00 B
Vanadium		6.70	15.0	20.0	11.0	8.30
Zinc		85.0	50.0	85.0	58.0	52.0

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 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-EE27 0-1 01/14/04	RAA10-N-G26 0-1 01/07/04	RAA10-N-I12 0-1 01/15/04	RAA10-N-I16 0-1 01/15/04
Volatile Organics					
2-Butanone		ND(0.012)	ND(0.015) [ND(0.014)]	ND(0.012)	ND(0.039)
Acetone		ND(0.024)	ND(0.030) [ND(0.029)]	ND(0.023)	0.32
Benzene		ND(0.0059)	ND(0.0076) [ND(0.0072)]	ND(0.0058)	ND(0.020)
Xylenes (total)		ND(0.0059)	ND(0.0076) [ND(0.0072)]	ND(0.0058)	0.22
Semivolatile Organics					
Acenaphthylene		ND(0.40)	ND(0.51) [ND(0.48)]	0.27 J	ND(2.6)
Aniline		ND(0.40)	ND(0.51) [ND(0.48)]	ND(0.39)	ND(2.6)
Anthracene		ND(0.40)	ND(0.51) [ND(0.48)]	0.19 J	ND(2.6)
Benzo(a)anthracene		0.18 J	ND(0.51) [ND(0.48)]	0.69	ND(2.6)
Benzo(a)pyrene		0.11 J	ND(0.51) [ND(0.48)]	0.45	ND(2.6)
Benzo(b)fluoranthene		0.12 J	ND(0.51) [ND(0.48)]	0.36 J	ND(2.6)
Benzo(g,h,i)perylene		ND(0.40)	ND(0.51) [ND(0.48)]	0.36 J	ND(2.6)
Benzo(k)fluoranthene		0.14 J	ND(0.51) [ND(0.48)]	0.62	ND(2.6)
bis(2-Ethylhexyl)phthalate		ND(0.39)	ND(0.50) [ND(0.48)]	0.098 J	ND(1.3)
Chrysene		0.22 J	ND(0.51) [ND(0.48)]	0.90	ND(2.6)
Fluoranthene		0.34 J	ND(0.51) [ND(0.48)]	1.4	ND(2.6)
Indeno(1,2,3-cd)pyrene		ND(0.40)	ND(0.51) [ND(0.48)]	0.22 J	ND(2.6)
Naphthalene		ND(0.40)	ND(0.51) [ND(0.48)]	0.089 J	ND(2.6)
Phenanthrene		0.13 J	ND(0.51) [ND(0.48)]	0.40	ND(2.6)
Phenol		ND(0.40)	ND(0.51) [ND(0.48)]	ND(0.39)	ND(2.6)
Pyrene		0.34 J	ND(0.51) [ND(0.48)]	1.6	ND(2.6)
Organochlorine Pesticides					
4,4'-DDD		NA	ND(0.016)	NA	0.075
4,4'-DDE		NA	0.050	NA	0.015 J
4,4'-DDT		NA	0.029	NA	0.010 J
Organophosphate Pesticides					
None Detected		NA	--	NA	--
Herbicides					
None Detected		NA	--	NA	--
Furans					
2,3,7,8-TCDF		NA	ND(0.0000037) Y [ND(0.0000025) Y]	NA	0.000023 Y
TCDFs (total)		NA	0.000066 I [0.000049 I]	NA	0.00046 I
1,2,3,7,8-PeCDF		NA	ND(0.00000053) [ND(0.00000032)]	NA	ND(0.0000019)
2,3,4,7,8-PeCDF		NA	ND(0.00000056) [ND(0.00000033)]	NA	ND(0.0000019)
PeCDFs (total)		NA	0.000049 I [0.000029 I]	NA	0.00032 I
1,2,3,4,7,8-HxCDF		NA	ND(0.00000033) [ND(0.00000098) X]	NA	ND(0.0000013)
1,2,3,6,7,8-HxCDF		NA	ND(0.00000031) [ND(0.00000019)]	NA	ND(0.0000013)
1,2,3,7,8,9-HxCDF		NA	ND(0.00000026) [ND(0.00000061) X]	NA	ND(0.0000011)
2,3,4,6,7,8-HxCDF		NA	ND(0.00000026) [0.0000010]	NA	ND(0.0000021) X
HxCDFs (total)		NA	0.0000029 [0.000012 I]	NA	0.00015 I
1,2,3,4,6,7,8-HpCDF		NA	0.0000043 I [0.0000034 I]	NA	0.000027 I
1,2,3,4,7,8,9-HpCDF		NA	ND(0.00000022) [0.00000082]	NA	ND(0.00000082)
HpCDFs (total)		NA	0.0000045 I [0.0000053 I]	NA	0.000036 I
OCDF		NA	0.0000038 [0.0000031]	NA	ND(0.000015) X
Dioxins					
2,3,7,8-TCDD		NA	ND(0.00000035) [ND(0.00000021)]	NA	ND(0.0000011)
TCDDs (total)		NA	ND(0.00000035) [ND(0.00000021)]	NA	ND(0.0000011)
1,2,3,7,8-PeCDD		NA	ND(0.0000010) [ND(0.00000069)]	NA	ND(0.0000048)
PeCDDs (total)		NA	ND(0.0000010) [ND(0.00000069)]	NA	ND(0.0000048)
1,2,3,4,7,8-HxCDD		NA	ND(0.00000037) [ND(0.00000022)]	NA	ND(0.0000018)
1,2,3,6,7,8-HxCDD		NA	ND(0.00000038) [ND(0.00000024)]	NA	ND(0.0000071) X
1,2,3,7,8,9-HxCDD		NA	ND(0.00000034) [ND(0.00000022)]	NA	ND(0.0000016)
HxCDDs (total)		NA	ND(0.00000038) [ND(0.00000024)]	NA	0.000043
1,2,3,4,6,7,8-HpCDD		NA	ND(0.0000037) X [0.0000036]	NA	0.000087

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 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-EE27 0-1 01/14/04	RAA10-N-G26 0-1 01/07/04	RAA10-N-I12 0-1 01/15/04	RAA10-N-I16 0-1 01/15/04
HpCDDs (total)		NA	ND(0.00000044) [0.0000071]	NA	0.00018
OCDD		NA	0.000019 [0.000018]	NA	0.00020
Total TEQs (WHO TEFs)		NA	0.0000012 [0.00000097]	NA	0.0000078

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 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-EE27 0-1 01/14/04	RAA10-N-G26 0-1 01/07/04	RAA10-N-I12 0-1 01/15/04	RAA10-N-I16 0-1 01/15/04
Inorganics					
Antimony		ND(6.00)	ND(6.00) [1.50 B]	0.910 B	3.80 B
Arsenic		4.10	2.20 [4.20]	4.40	11.0
Barium		26.0	61.0 [56.0]	20.0	130
Beryllium		0.300 B	0.440 B [0.500]	0.180 B	0.800
Cadmium		0.130 B	0.520 [0.580]	0.340 B	1.30
Chromium		6.30	12.0 [12.0]	8.60	16.0
Cobalt		6.90	6.40 [7.10]	7.10	8.10
Copper		14.0	8.20 [8.10]	25.0	33.0
Cyanide		0.0690 B	0.150 B [0.150]	0.290	0.580
Lead		16.0	8.60 [9.30]	89.0	110
Mercury		0.0990 B	0.0870 B [0.0850 B]	0.0280 B	0.200 B
Nickel		12.0	13.0 [12.0]	10.0	26.0
Selenium		1.10	ND(1.10) [ND(1.10)]	ND(1.00)	ND(2.90)
Silver		ND(1.00)	0.200 B [0.180 B]	0.290 B	1.70 B
Sulfide		7.60	ND(7.60) [9.30]	100	56.0
Thallium		ND(1.20)	ND(1.50) [ND(1.40)]	ND(1.20)	ND(3.90)
Tin		3.60 B	5.40 B [4.50 B]	4.40 B	13.0 B
Vanadium		7.70	12.0 [12.0]	7.00	28.0
Zinc		51.0	78.0 [71.0]	82.0	130

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 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-I22 0-1 01/07/04	RAA10-N-I28 0-1 01/12/04	RAA10-N-K14 0-1 01/20/04	RAA10-N-K18 0-1 01/20/04	RAA10-N-L12 0-1 01/19/04
Volatile Organics						
2-Butanone		ND(0.018)	ND(0.012)	0.022 J	0.026 J	ND(0.031)
Acetone		0.085	ND(0.025)	0.088	0.10	ND(0.062)
Benzene		0.058	ND(0.0062)	ND(0.019)	ND(0.017)	ND(0.016)
Xylenes (total)		ND(0.0093)	ND(0.0062)	ND(0.019)	ND(0.017)	ND(0.016)
Semivolatile Organics						
Acenaphthylene		ND(0.62)	ND(0.41)	ND(1.3)	ND(1.1)	ND(1.0)
Aniline		ND(0.62)	ND(0.41)	ND(1.3)	ND(1.1)	ND(1.0)
Anthracene		ND(0.62)	ND(0.41)	ND(1.3)	ND(1.1)	ND(1.0)
Benzo(a)anthracene		ND(0.62)	ND(0.41)	ND(1.3)	ND(1.1)	0.016 J
Benzo(a)pyrene		ND(0.62)	ND(0.41)	ND(1.3)	ND(1.1)	0.011 J
Benzo(b)fluoranthene		ND(0.62)	ND(0.41)	ND(1.3)	ND(1.1)	0.011 J
Benzo(g,h,i)perylene		ND(0.62)	ND(0.41)	ND(1.3)	ND(1.1)	0.0088 J
Benzo(k)fluoranthene		ND(0.62)	ND(0.41)	ND(1.3)	ND(1.1)	0.016 J
bis(2-Ethylhexyl)phthalate		ND(0.61)	ND(0.41)	ND(1.3)	ND(1.1)	ND(1.0)
Chrysene		ND(0.62)	ND(0.41)	ND(1.3)	ND(1.1)	0.025 J
Fluoranthene		ND(0.62)	ND(0.41)	0.48 J	ND(1.1)	0.048 J
Indeno(1,2,3-cd)pyrene		ND(0.62)	ND(0.41)	ND(1.3)	ND(1.1)	ND(1.0)
Naphthalene		ND(0.62)	ND(0.41)	ND(1.3)	ND(1.1)	ND(1.0)
Phenanthrene		ND(0.62)	ND(0.41)	0.27 J	ND(1.1)	0.023 J
Phenol		ND(0.62)	0.44	ND(1.3)	ND(1.1)	ND(1.0)
Pyrene		ND(0.62)	ND(0.41)	0.60 J	ND(1.1)	0.047 J
Organochlorine Pesticides						
4,4'-DDD		0.0074 J	NA	NA	NA	ND(0.031)
4,4'-DDE		0.0045 J	NA	NA	NA	0.040
4,4'-DDT		0.0010 J	NA	NA	NA	ND(0.031)
Organophosphate Pesticides						
None Detected		--	NA	NA	NA	--
Herbicides						
None Detected		--	NA	NA	NA	--
Furans						
2,3,7,8-TCDF		ND(0.0000033) Y	NA	NA	NA	0.000020 Y
TCDFs (total)		0.000025 I	NA	NA	NA	0.00048 I
1,2,3,7,8-PeCDF		ND(0.00000041)	NA	NA	NA	0.0000071
2,3,4,7,8-PeCDF		ND(0.00000041)	NA	NA	NA	0.000024
PeCDFs (total)		0.000020 I	NA	NA	NA	0.00038 I
1,2,3,4,7,8-HxCDF		ND(0.00000028)	NA	NA	NA	0.0000099
1,2,3,6,7,8-HxCDF		ND(0.00000027)	NA	NA	NA	0.0000076
1,2,3,7,8,9-HxCDF		ND(0.00000023)	NA	NA	NA	0.0000024
2,3,4,6,7,8-HxCDF		ND(0.00000023)	NA	NA	NA	0.0000082
HxCDFs (total)		0.0000093 I	NA	NA	NA	0.00030 I
1,2,3,4,6,7,8-HpCDF		0.0000034 I	NA	NA	NA	0.000062 I
1,2,3,4,7,8,9-HpCDF		ND(0.00000020)	NA	NA	NA	0.0000067
HpCDFs (total)		0.0000034 I	NA	NA	NA	0.00013 I
OCDF		0.0000029	NA	NA	NA	0.000071
Dioxins						
2,3,7,8-TCDD		ND(0.00000037)	NA	NA	NA	ND(0.00000063)
TCDDs (total)		ND(0.00000037)	NA	NA	NA	ND(0.00000063)
1,2,3,7,8-PeCDD		ND(0.00000097)	NA	NA	NA	ND(0.0000030)
PeCDDs (total)		ND(0.00000097)	NA	NA	NA	ND(0.0000030)
1,2,3,4,7,8-HxCDD		ND(0.00000038)	NA	NA	NA	ND(0.0000012)
1,2,3,6,7,8-HxCDD		ND(0.00000038)	NA	NA	NA	0.0000052
1,2,3,7,8,9-HxCDD		ND(0.00000035)	NA	NA	NA	ND(0.0000013) X
HxCDDs (total)		ND(0.00000038)	NA	NA	NA	0.000022
1,2,3,4,6,7,8-HpCDD		ND(0.0000030) X	NA	NA	NA	0.000062

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 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:					
	Sample ID:	RAA10-N-I22	RAA10-N-I28	RAA10-N-K14	RAA10-N-K18	RAA10-N-L12
	Sample Depth(Feet):	0-1	0-1	0-1	0-1	0-1
Parameter	Date Collected:	01/07/04	01/12/04	01/20/04	01/20/04	01/19/04
HpCDDs (total)		ND(0.00000036)	NA	NA	NA	0.00012
OCDD		ND(0.000015) X	NA	NA	NA	0.00058 E
Total TEQs (WHO TEFs)		0.0000011	NA	NA	NA	0.000021

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 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-I22 0-1 01/07/04	RAA10-N-I28 0-1 01/12/04	RAA10-N-K14 0-1 01/20/04	RAA10-N-K18 0-1 01/20/04	RAA10-N-L12 0-1 01/19/04
Inorganics						
Antimony		ND(6.00)	0.970 B	3.60 B	2.40 B	ND(6.00)
Arsenic		3.00	16.0	5.20	2.20 B	7.80
Barium		100	29.0	97.0	84.0	81.0
Beryllium		0.710	0.240 B	0.780	0.540	0.600
Cadmium		0.750	0.490 B	0.880	0.540	0.940
Chromium		16.0	7.60	20.0	10.0	19.0
Cobalt		7.30	9.40	7.20	3.40 B	9.90
Copper		22.0	27.0	35.0	20.0	40.0
Cyanide		0.0720 B	0.0740 B	0.720	0.240 B	0.590
Lead		12.0	13.0	140	40.0	190
Mercury		0.110 B	0.0370 B	0.610	0.250 B	1.20
Nickel		19.0	15.0	22.0	12.0	23.0
Selenium		ND(1.40)	ND(1.00)	ND(2.90)	ND(2.60)	ND(2.30)
Silver		ND(1.40)	ND(1.00)	0.780 B	0.350 B	0.410 B
Sulfide		24.0	ND(6.20)	320	150	590
Thallium		ND(1.80)	ND(1.20)	ND(3.80)	ND(3.40)	ND(3.10)
Tin		5.90 B	3.50 B	11.0 B	9.80 B	9.60 B
Vanadium		17.0	6.90	22.0	20.0	29.0
Zinc		79.0	44.0	110	40.0	190

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 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-M22 0-1 01/20/04	RAA10-N-S26 0-1 01/15/04	RAA10-N-Y24 0-1 01/14/04	RAA10-N-Y28 0-1 01/14/04
Volatile Organics					
2-Butanone		ND(0.016)	ND(0.023)	ND(0.024)	ND(0.014)
Acetone		ND(0.033)	ND(0.046)	ND(0.048)	ND(0.027)
Benzene		ND(0.0082)	ND(0.011)	ND(0.012)	ND(0.0068)
Xylenes (total)		ND(0.0082)	ND(0.011)	ND(0.012)	ND(0.0068)
Semivolatile Organics					
Acenaphthylene		ND(0.55)	ND(0.76)	ND(0.79)	0.28 J
Aniline		ND(0.55)	ND(0.76)	ND(0.79)	ND(0.45)
Anthracene		ND(0.55)	ND(0.76)	ND(0.79)	0.30 J
Benzo(a)anthracene		ND(0.55)	ND(0.76)	ND(0.79)	0.60
Benzo(a)pyrene		ND(0.55)	ND(0.76)	ND(0.79)	0.41 J
Benzo(b)fluoranthene		ND(0.55)	ND(0.76)	ND(0.79)	0.56
Benzo(g,h,i)perylene		ND(0.55)	ND(0.76)	ND(0.79)	0.25 J
Benzo(k)fluoranthene		ND(0.55)	ND(0.76)	ND(0.79)	0.68
bis(2-Ethylhexyl)phthalate		ND(0.54)	ND(0.75)	ND(0.79)	ND(0.45)
Chrysene		ND(0.55)	ND(0.76)	0.21 J	1.0
Fluoranthene		ND(0.55)	ND(0.76)	0.30 J	2.4
Indeno(1,2,3-cd)pyrene		ND(0.55)	ND(0.76)	ND(0.79)	0.22 J
Naphthalene		ND(0.55)	ND(0.76)	ND(0.79)	ND(0.45)
Phenanthrene		ND(0.55)	ND(0.76)	ND(0.79)	1.3
Phenol		ND(0.55)	ND(0.76)	ND(0.79)	ND(0.45)
Pyrene		ND(0.55)	ND(0.76)	0.30 J	2.2
Organochlorine Pesticides					
4,4'-DDD		NA	ND(0.023)	NA	NA
4,4'-DDE		NA	ND(0.023)	NA	NA
4,4'-DDT		NA	ND(0.023)	NA	NA
Organophosphate Pesticides					
None Detected		NA	--	NA	NA
Herbicides					
None Detected		NA	--	NA	NA
Furans					
2,3,7,8-TCDF		NA	ND(0.00000034)	NA	NA
TCDFs (total)		NA	0.0000086 I	NA	NA
1,2,3,7,8-PeCDF		NA	ND(0.00000032)	NA	NA
2,3,4,7,8-PeCDF		NA	ND(0.00000032)	NA	NA
PeCDFs (total)		NA	0.0000088 I	NA	NA
1,2,3,4,7,8-HxCDF		NA	ND(0.00000021)	NA	NA
1,2,3,6,7,8-HxCDF		NA	ND(0.00000020)	NA	NA
1,2,3,7,8,9-HxCDF		NA	ND(0.00000015)	NA	NA
2,3,4,6,7,8-HxCDF		NA	ND(0.00000017)	NA	NA
HxCDFs (total)		NA	ND(0.00000021)	NA	NA
1,2,3,4,6,7,8-HpCDF		NA	0.0000018 I	NA	NA
1,2,3,4,7,8,9-HpCDF		NA	ND(0.00000015)	NA	NA
HpCDFs (total)		NA	0.0000031 I	NA	NA
OCDF		NA	ND(0.00000030)	NA	NA
Dioxins					
2,3,7,8-TCDD		NA	ND(0.00000027)	NA	NA
TCDDs (total)		NA	ND(0.00000027)	NA	NA
1,2,3,7,8-PeCDD		NA	ND(0.00000068)	NA	NA
PeCDDs (total)		NA	ND(0.00000068)	NA	NA
1,2,3,4,7,8-HxCDD		NA	ND(0.00000025)	NA	NA
1,2,3,6,7,8-HxCDD		NA	ND(0.00000027)	NA	NA
1,2,3,7,8,9-HxCDD		NA	ND(0.00000024)	NA	NA
HxCDDs (total)		NA	ND(0.00000027)	NA	NA
1,2,3,4,6,7,8-HpCDD		NA	ND(0.0000011) X	NA	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 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-M22 0-1 01/20/04	RAA10-N-S26 0-1 01/15/04	RAA10-N-Y24 0-1 01/14/04	RAA10-N-Y28 0-1 01/14/04
HpCDDs (total)	NA	0.0000011	NA	NA
OCDD	NA	0.0000053	NA	NA
Total TEQs (WHO TEFs)	NA	0.00000068	NA	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 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-M22 0-1 01/20/04	RAA10-N-S26 0-1 01/15/04	RAA10-N-Y24 0-1 01/14/04	RAA10-N-Y28 0-1 01/14/04
Inorganics					
Antimony		ND(6.00)	2.00 B	1.70 B	3.70 B
Arsenic		2.50	4.70	4.70	130
Barium		81.0	71.0	120	26.0
Beryllium		0.620	0.700	0.900	0.300 B
Cadmium		0.370 B	0.680	0.560	0.200 B
Chromium		12.0	12.0	18.0	5.90
Cobalt		5.70	5.60	7.40	5.50
Copper		14.0	26.0	25.0	32.0
Cyanide		0.100 B	0.120 B	0.260	0.290
Lead		13.0	33.0	38.0	50.0
Mercury		0.0740 B	0.100 B	0.300	0.0960 B
Nickel		14.0	15.0	20.0	11.0
Selenium		ND(1.20)	1.20 B	1.90	1.20
Silver		ND(1.20)	0.660 B	1.20 B	0.140 B
Sulfide		18.0	47.0	30.0	690
Thallium		ND(1.60)	ND(2.30)	ND(2.40)	ND(1.40)
Tin		4.20 B	7.20 B	6.40 B	6.50 B
Vanadium		16.0	20.0	30.0	9.90
Zinc		57.0	65.0	95.0	38.0

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 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 - Laboratory did not report results for this analyte.
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, PCBs, 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.
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
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2004

REVISED PRE-DESIGN SOIL INVESTIGATION SAMPLING DATA
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-II16 0-1 10/07/03	RAA10-N-II16 1-6 10/07/03	RAA10-N-KK10 0-1 10/08/03	RAA10-N-KK10 4-6 10/08/03	RAA10-N-KK10 12-14 10/08/03
Volatile Organics					
None Detected	NR	NR	--	--	--
Furans					
2,3,7,8-TCDF	NR	NR	NR	NR	NR
TCDFs (total)	NR	NR	NR	NR	NR
1,2,3,7,8-PeCDF	NR	NR	ND(0.00000084) X	NR	NR
2,3,4,7,8-PeCDF	NR	NR	ND(0.00000099) X	NR	NR
PeCDFs (total)	NR	NR	NR	NR	NR
1,2,3,4,7,8-HxCDF	NR	ND(0.00000089) X	NR	NR	NR
1,2,3,6,7,8-HxCDF	NR	NR	ND(0.00000055) X	NR	NR
1,2,3,7,8,9-HxCDF	NR	NR	NR	NR	NR
2,3,4,6,7,8-HxCDF	NR	NR	ND(0.00000058) X	NR	NR
HxCDFs (total)	NR	NR	NR	NR	NR
1,2,3,4,6,7,8-HpCDF	NR	NR	NR	NR	NR
1,2,3,4,7,8,9-HpCDF	NR	ND(0.00000033) X	NR	NR	NR
HpCDFs (total)	NR	NR	NR	NR	NR
OCDF	NR	NR	NR	NR	NR
Dioxins					
2,3,7,8-TCDD	NR	NR	NR	NR	NR
TCDDs (total)	NR	NR	NR	NR	NR
1,2,3,7,8-PeCDD	ND(0.0000046) X	NR	NR	NR	NR
PeCDDs (total)	NR	NR	NR	NR	NR
1,2,3,4,7,8-HxCDD	NR	NR	NR	NR	NR
1,2,3,6,7,8-HxCDD	NR	NR	NR	NR	NR
1,2,3,7,8,9-HxCDD	ND(0.0000039) X	NR	NR	NR	NR
HxCDDs (total)	NR	NR	NR	NR	NR
1,2,3,4,6,7,8-HpCDD	ND(0.000077) X	NR	ND(0.0000016) X	NR	NR
HpCDDs (total)	NR	NR	NR	NR	NR
OCDD	NR	ND(0.0000024) X	NR	NR	NR
Total TEQs (WHO TEFs)	0.000039	0.00000045	0.0000013	NR	NR

TABLE 7-4
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2004

REVISED PRE-DESIGN SOIL INVESTIGATION SAMPLING DATA
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-KK16 6-15 10/03/03	RAA10-N-KK18 0-1 10/03/03	RAA10-N-LL12 0-1 10/07/03	RAA10-N-MM12 6-15 10/07/03
Volatile Organics					
None Detected		NR	NR	NR	NR
Furans					
2,3,7,8-TCDF		NR	ND(0.0000017) X	NR	NR
TCDFs (total)		NR	NR	NR	NR
1,2,3,7,8-PeCDF		NR	ND(0.0000011) X	NR	NR
2,3,4,7,8-PeCDF		NR	NR	NR	ND(0.0000017) X [NR]
PeCDFs (total)		NR	NR	NR	NR
1,2,3,4,7,8-HxCDF		NR	NR	NR	NR
1,2,3,6,7,8-HxCDF		NR	ND(0.0000018) X	NR	ND(0.0000010) X [NR]
1,2,3,7,8,9-HxCDF		NR	NR	NR	NR [ND(0.0000018) X]
2,3,4,6,7,8-HxCDF		NR	ND(0.0000027) X	NR	NR
HxCDFs (total)		NR	NR	NR	NR
1,2,3,4,6,7,8-HpCDF		NR	ND(0.0000051) X	ND(0.0000098) X	ND(0.0000042) X [ND(0.0000056) X]
1,2,3,4,7,8,9-HpCDF		NR	NR	ND(0.0000023) X	ND(0.0000026) X [ND(0.0000031) X]
HpCDFs (total)		NR	NR	NR	NR
OCDF		NR	NR	NR	NR
Dioxins					
2,3,7,8-TCDD		NR	NR	NR	NR
TCDDs (total)		NR	NR	NR	NR
1,2,3,7,8-PeCDD		NR	NR	NR	NR [ND(0.0000035) X]
PeCDDs (total)		NR	NR	NR	NR
1,2,3,4,7,8-HxCDD		NR	NR	NR	NR [ND(0.0000014) X]
1,2,3,6,7,8-HxCDD		NR	NR	NR	NR [ND(0.0000020) X]
1,2,3,7,8,9-HxCDD		NR	NR	NR	NR [ND(0.0000015) X]
HxCDDs (total)		NR	NR	NR	NR
1,2,3,4,6,7,8-HpCDD		NR	NR	ND(0.0000044) X	NR
HpCDDs (total)		NR	NR	NR	NR
OCDD		ND(0.0000020) X	NR	NR	NR
Total TEQs (WHO TEFs)		0.00000032	0.0000023	0.0000024	0.0000019 [0.0000047]

TABLE 7-4
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2004

REVISED PRE-DESIGN SOIL INVESTIGATION SAMPLING DATA
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-NN12 0-1 10/07/03	RAA10-N-NN14 1-6 10/07/03	RAA10-W-L20 0-1 10/01/03	RAA10-W-N18 0-1 10/01/03
Volatile Organics				
None Detected	NR	NR	NR	NR
Furans				
2,3,7,8-TCDF	ND(0.0000011) X	NR	ND(0.000011) XY	NR
TCDFs (total)	NR	NR	NR	NR
1,2,3,7,8-PeCDF	NR	NR	NR	ND(0.0000014) X
2,3,4,7,8-PeCDF	NR	NR	NR	NR
PeCDFs (total)	NR	NR	NR	NR
1,2,3,4,7,8-HxCDF	NR	NR	NR	NR
1,2,3,6,7,8-HxCDF	ND(0.0000014) X	NR	NR	NR
1,2,3,7,8,9-HxCDF	NR	NR	NR	NR
2,3,4,6,7,8-HxCDF	ND(0.0000015) X	NR	NR	NR
HxCDFs (total)	NR	NR	NR	NR
1,2,3,4,6,7,8-HpCDF	ND(0.0000066) X	ND(0.0000075) X	NR	NR
1,2,3,4,7,8,9-HpCDF	ND(0.0000017) X	ND(0.0000020) X	NR	NR
HpCDFs (total)	NR	NR	NR	NR
OCDF	NR	NR	NR	NR
Dioxins				
2,3,7,8-TCDD	NR	NR	NR	NR
TCDDs (total)	NR	NR	NR	NR
1,2,3,7,8-PeCDD	ND(0.0000018) X	ND(0.0000013) X	ND(0.0000030) X	NR
PeCDDs (total)	NR	NR	NR	NR
1,2,3,4,7,8-HxCDD	NR	ND(0.0000012) X	NR	NR
1,2,3,6,7,8-HxCDD	NR	NR	NR	NR
1,2,3,7,8,9-HxCDD	NR	ND(0.0000019) X	NR	NR
HxCDDs (total)	NR	NR	NR	NR
1,2,3,4,6,7,8-HpCDD	NR	NR	NR	NR
HpCDDs (total)	NR	NR	NR	NR
OCDD	NR	NR	NR	NR
Total TEQs (WHO TEFs)	0.0000034	0.0000062	0.000067	0.0000030

Notes:
1. These results have been revised by the laboratory and supersede those results reported in Table 7-5 of the October and in Table 7-3 of the November 2003 CD Monthly Report.
2. NR- Sample results not revised by laboratory.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Field duplicate sample results are presented in brackets.
5. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics (volatiles, dioxin/furans)

X - Estimated maximum possible concentration.

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

TABLE 7-5
PCB DATA RECEIVED DURING JANUARY 2004

BEAVER DAM MATERIAL ROLL-OFF SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
UBD-3011-1	1/26/2004	ND(1.0)	10	5.0	15
UBD-3011-2	1/26/2004	ND(0.50)	6.6	3.0	9.6
UBD-3011-3	1/26/2004	ND(0.50)	3.3	1.9	5.2

Notes:

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

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

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

a. Activities Undertaken/Completed

- Sent request to owner of Parcels I9-5-1, I9-5-2, I8-23-6, and I8-23-7 for extension of access agreement (January 16, 2004).

- Received access from owner of Parcel I9-5-3 (January 26, 2004) and initiated soil investigation activities at that property.

- Completed supplemental pre-design soil sampling at Parcels I8-23-4, I8-23-6, I8-23-11, and Mystic Street right-of-way.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted letter to EPA regarding inability to obtain access to Parcel I8-23-5 (January 9, 2004).

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

- Continue supplemental pre-design soil sampling at properties where access has been obtained.

- Continue efforts to obtain access for sampling to Parcel I8-23-5 (owned by ExxonMobil).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- Access for sampling has not been granted to date by the owner of Parcel I8-23-5 (ExxonMobil).

- One supplemental boring at Parcel I8-23-6 was not conducted due to owner concerns over proximity to utilities.

f. Proposed/Approved Work Plan Modifications

Soil boring location RAA4-V11.5 at Parcel I8-23-10 may be relocated due to the proximity of the miniature golf course.

TABLE 8-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2004

FORMER OXBOW AREAS A AND C
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Additional Supplemental Pre-Design Soil Investigation	RAA11-E15	1/22/04	10-15	Soil	CT&E	PCB, SVOC, Inorganics,	
Additional Supplemental Pre-Design Soil Investigation	RAA11-E15	1/22/04	10-12	Soil	CT&E	VOC	
Additional Supplemental Pre-Design Soil Investigation	RAA11-I13N	12/23/03	6-10	Soil	CT&E	PCB	1/12/04
Additional Supplemental Pre-Design Soil Investigation	RAA11-I13N	12/23/03	10-15	Soil	CT&E	PCB, SVOC, Inorganics,	1/12/04
Additional Supplemental Pre-Design Soil Investigation	RAA11-I13N	12/23/03	10-12	Soil	CT&E	VOC	1/12/04
Additional Supplemental Pre-Design Soil Investigation	RAA11-I25A	1/22/04	1-3	Soil	CT&E	PCB	
Additional Supplemental Pre-Design Soil Investigation	RAA11-I25A	1/22/04	10-15	Soil	CT&E	PCB	
Additional Supplemental Pre-Design Soil Investigation	RAA11-I25A	1/22/04	3-6	Soil	CT&E	PCB	
Additional Supplemental Pre-Design Soil Investigation	RAA11-I25A	1/22/04	6-10	Soil	CT&E	PCB	
Additional Supplemental Pre-Design Soil Investigation	RAA11-I26	12/30/03	0-1	Soil	CT&E	PCB	1/7/04
Additional Supplemental Pre-Design Soil Investigation	RAA11-M21A	12/30/03	1-3	Soil	CT&E	PCB	1/7/04
Additional Supplemental Pre-Design Soil Investigation	RAA11-M21A	12/30/03	3-6	Soil	CT&E	PCB	1/7/04
Additional Supplemental Pre-Design Soil Investigation	RAA11-M21A	12/30/03	6-10	Soil	CT&E	PCB	1/7/04
Additional Supplemental Pre-Design Soil Investigation	RAA11-S15S	12/30/03	0-1	Soil	CT&E	PCB	1/7/04
Additional Supplemental Pre-Design Soil Investigation	RAA11-S15S	12/30/03	1-3	Soil	CT&E	PCB	1/7/04
Additional Supplemental Pre-Design Soil Investigation	RAA11-S15S	12/30/03	10-15	Soil	CT&E	PCB	1/7/04
Additional Supplemental Pre-Design Soil Investigation	RAA11-S15S	12/30/03	3-6	Soil	CT&E	PCB	1/7/04
Additional Supplemental Pre-Design Soil Investigation	RAA11-S15S	12/30/03	6-10	Soil	CT&E	PCB	1/7/04

TABLE 8-2
PCB DATA RECEIVED DURING JANUARY 2004

ADDITIONAL SUPPLEMENTAL PRE-DESIGN SOIL INVESTIGATION SAMPLING
FORMER OXBOW AREAS A AND C
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
RAA11-I13N	6-10	12/23/2003	ND(0.39)	3.3	4.7	8.0
	10-15	12/23/2003	ND(0.40)	2.0	2.5	4.5
RAA11-I26	0-1	12/30/2003	ND(0.042)	0.045	0.044	0.089
RAA11-M21A	1-3	12/30/2003	ND(0.040)	0.45	0.50	0.95
	3-6	12/30/2003	ND(0.041)	0.11	0.12	0.23
	6-10	12/30/2003	ND(0.038)	0.018 J	ND(0.038)	0.018 J
RAA11-S15S	0-1	12/30/2003	ND(0.040)	0.44	0.32	0.76
	1-3	12/30/2003	ND(0.038)	0.27	0.37	0.64
	3-6	12/30/2003	ND(0.038)	0.090	0.078	0.168
	6-10	12/30/2003	ND(0.21)	1.5	2.1	3.6
	10-15	12/30/2003	ND(0.042)	0.26	0.17	0.43

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 8-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2004

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

Parameter	Sample ID: RAA11-I13N Sample Depth(Feet): 10-12 Date Collected: 12/23/03	Sample ID: RAA11-I13N Sample Depth(Feet): 10-15 Date Collected: 12/23/03
Volatile Organics		
None Detected	--	NA
Semivolatile Organics		
2-Methylnaphthalene	NA	0.14 J
Acenaphthylene	NA	0.13 J
Anthracene	NA	0.22 J
Benzo(a)anthracene	NA	0.41
Benzo(a)pyrene	NA	0.22 J
Benzo(b)fluoranthene	NA	0.20 J
Benzo(g,h,i)perylene	NA	0.14 J
Benzo(k)fluoranthene	NA	0.22 J
Chrysene	NA	0.46
Dibenzofuran	NA	0.080 J
Fluoranthene	NA	0.97
Fluorene	NA	0.16 J
Indeno(1,2,3-cd)pyrene	NA	0.11 J
Naphthalene	NA	0.25 J
Phenanthrene	NA	0.87
Phenol	NA	0.098 J
Pyrene	NA	0.89
Furans		
2,3,7,8-TCDF	NA	0.000022 Y
TCDFs (total)	NA	0.0016 I
1,2,3,7,8-PeCDF	NA	0.000021
2,3,4,7,8-PeCDF	NA	0.000016
PeCDFs (total)	NA	0.0017 I
1,2,3,4,7,8-HxCDF	NA	0.000010
1,2,3,6,7,8-HxCDF	NA	0.00011
1,2,3,7,8,9-HxCDF	NA	0.0000021
2,3,4,6,7,8-HxCDF	NA	0.0000049
HxCDFs (total)	NA	0.0011 I
1,2,3,4,6,7,8-HpCDF	NA	0.000040
1,2,3,4,7,8,9-HpCDF	NA	0.0000069
HpCDFs (total)	NA	0.000080 I
OCDF	NA	0.000037
Dioxins		
2,3,7,8-TCDD	NA	ND(0.0000058) X
TCDDs (total)	NA	ND(0.00000038)
1,2,3,7,8-PeCDD	NA	ND(0.000019) X
PeCDDs (total)	NA	ND(0.0000051)
1,2,3,4,7,8-HxCDD	NA	ND(0.0000011)
1,2,3,6,7,8-HxCDD	NA	ND(0.0000011)
1,2,3,7,8,9-HxCDD	NA	ND(0.0000010)
HxCDDs (total)	NA	ND(0.0000011)
1,2,3,4,6,7,8-HpCDD	NA	0.000023
HpCDDs (total)	NA	0.000053
OCDD	NA	0.00017
Total TEQs (WHO TEFs)	NA	0.000037

TABLE 8-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-I13N 10-12 12/23/03	RAA11-I13N 10-15 12/23/03
Inorganics			
Antimony		NA	0.930 B
Arsenic		NA	3.60
Barium		NA	26.0
Beryllium		NA	0.230 B
Cadmium		NA	0.170 B
Chromium		NA	9.00
Cobalt		NA	5.10
Copper		NA	24.0
Cyanide		NA	0.100 B
Lead		NA	44.0
Mercury		NA	0.120
Nickel		NA	9.00
Silver		NA	0.250 B
Sulfide		NA	23.0
Tin		NA	5.40 B
Vanadium		NA	5.60
Zinc		NA	48.0

TABLE 8-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2004

PRE-DESIGN SOIL INVESTIGATION SAMPLING
FORMER OXBOW AREAS A AND C
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 - Laboratory did not report results for this analyte.
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)

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

Inorganics

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

ITEM 9
LYMAN STREET AREA
(GECD430)
JANUARY 2004

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

a. Activities Undertaken/Completed

Discussed ERE with attorney for Parcel I9-4-201.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Continue preparation of Conceptual RD/RA Work Plan (due March 24, 2004).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 10
NEWELL STREET AREA I
(GECD440)
JANUARY 2004

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Submit final executed ERE and associated documentation for Parcel J9-23-24 following further discussions with EPA and MDEP.

- Continue discussions regarding access for remediation with non-GE property owners from whom access permission has not been obtained to date.

- Discuss draft EREs for GE-owned properties with EPA and MDEP and work on obtaining subordination agreements for easements at those properties.

- Complete remaining remediation/restoration activities at Parcels J9-23-16, -17, and -18 in spring 2004.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

ITEM 11
NEWELL STREET AREA II
(GECD450)
JANUARY 2004

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted draft of supplemental sampling proposal to support future RD/RA evaluations to EPA for discussion (January 30, 2004).

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

- Submit final supplemental sampling proposal following discussions with EPA on above-referenced draft.

- Continue development of Conceptual RD/RA Work Plan.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

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

a. Activities Undertaken/Completed

- Continued attempts to obtain responses from owners of Parcels K10-10-4, K10-11-1 and K10-11-2 as to whether they will agree to EREs.

- Received notification from owners of Parcels K10-10-3 and K10-10-33 that they have decided not to execute EREs.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted preliminary RD/RA evaluation and proposal for supplemental soil sampling (January 28, 2004).

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

- Following EPA approval of supplemental soil sampling proposal, conduct supplemental soil sampling.

- Continue RD/RA evaluations.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

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

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Submit Annual Report for monitoring activities.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

- Issues relating to total organic carbon content in isolation layer remain to be resolved. On January 5, 2004, EPA verbally agreed that GE's report on those issues will be deferred until after the seepage meter data are available. Final Completion Report for Upper ½-Mile Reach Removal Action will be submitted following resolution of those issues.

f. Proposed/Approved Work Plan Modifications

None

ITEM 14
HOUSATONIC RIVER AREA
1½-MILE REACH
(GECD820)
JANUARY 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 January 29 and 30, 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 (at Pomeroy Avenue Bridge on January 29, 2004 and at Lyman Street Bridge on January 30, 2004) 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 JANUARY 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	Location-4	12/18/03	Water	NEA	PCB, TSS, POC, Chlorophyl-A	1/5/04
Monthly Water Column Sampling	Location-4	1/30/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-6A	1/29/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-6A	12/18/03	Water	NEA	PCB, TSS, POC, Chlorophyl-A	1/5/04

TABLE 14-2
SAMPLE DATA RECEIVED DURING JANUARY 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, -1248	Aroclor 1254	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-4	Lyman Street Bridge	12/18/2003	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.566	7.21	0.00060
LOCATION-6A	Pomeroy Ave. Bridge	12/18/2003	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.556	8.87	0.00060

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 - Compound was analyzed for, but was not detected. The detection limit is presented in parentheses.

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

a. Activities Undertaken/Completed

- On January 29 and 30, 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 January 29 and 30, 2004 from downstream to upstream. Composite grab samples were collected at each location sampled and submitted to Northeast Analytical for analysis of PCBs (total), TSS, POC, and chlorophyll-a (see Table 15-1).

- GE worked on minor repair/maintenance activities at Woods Pond Dam as identified in the Structural Integrity Reports submitted in June 2003 for that dam.*

- GE conducted soil and wood chip sampling on January 8, 2004 at LB Corporation located in Lenox and Lee, MA.

- GE attended the public peer review meeting on EPA's Ecological Risk Assessment (January 13-16, 2004) and made a presentation to Peer Review Panel on January 13, 2004.*

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.

- Continue work on minor repair/maintenance activities at Woods Pond Dam as identified in the Structural Integrity Report submitted in June 2003 for that dam.*

ITEM 15
(cont'd)
HOUSATONIC RIVER AREA
REST OF THE RIVER
(GECD850)
JANUARY 2004

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

- Based on the November 16, 2003 inspection of Woods Pond Dam, finalize the Gate Stem Inspection Report that describes the extent of damage and the repairs required to make the gate operational again.*

- Conduct quarterly inspection of Woods Pond Dam.*

- Discuss with the owner of Rising Pond Dam (Fox River Paper Company) the implementation of repairs/maintenance at that dam.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
LB Corp Sampling Program	LBCORP-LENOX-SOIL-1	1/8/04	Soil	CT&E	PCB	1/20/04
LB Corp Sampling Program	LBCORP-LENOX-SOIL-10	1/8/04	Soil	CT&E	PCB	1/20/04
LB Corp Sampling Program	LBCORP-LENOX-SOIL-11	1/8/04	Soil	CT&E	PCB	1/20/04
LB Corp Sampling Program	LBCORP-LENOX-SOIL-12	1/8/04	Soil	CT&E	PCB	1/20/04
LB Corp Sampling Program	LBCORP-LENOX-SOIL-13	1/8/04	Soil	CT&E	PCB	1/20/04
LB Corp Sampling Program	LBCORP-LENOX-SOIL-14	1/8/04	Soil	CT&E	PCB	1/20/04
LB Corp Sampling Program	LBCORP-LENOX-SOIL-15	1/8/04	Soil	CT&E	PCB	1/20/04
LB Corp Sampling Program	LBCORP-LENOX-SOIL-2	1/8/04	Soil	CT&E	PCB	1/20/04
LB Corp Sampling Program	LBCORP-LENOX-SOIL-3	1/8/04	Soil	CT&E	PCB	1/20/04
LB Corp Sampling Program	LBCORP-LENOX-SOIL-4	1/8/04	Soil	CT&E	PCB	1/20/04
LB Corp Sampling Program	LBCORP-LENOX-SOIL-5	1/8/04	Soil	CT&E	PCB	1/20/04
LB Corp Sampling Program	LBCORP-LENOX-SOIL-6	1/8/04	Soil	CT&E	PCB	1/20/04
LB Corp Sampling Program	LBCORP-LENOX-SOIL-7	1/8/04	Soil	CT&E	PCB	1/20/04
LB Corp Sampling Program	LBCORP-LENOX-SOIL-8	1/8/04	Soil	CT&E	PCB	1/20/04
LB Corp Sampling Program	LBCORP-LENOX-SOIL-9	1/8/04	Soil	CT&E	PCB	1/20/04
LB Corp Sampling Program	LBCORP-LENOX-SOIL-C1	1/8/04	Soil	CT&E	TCLP	1/20/04
LB Corp Sampling Program	LBCORP-LENOX-SOIL-DUP-1 (LBCORP-LENOX-SOIL-4)	1/8/04	Soil	CT&E	PCB	1/20/04
LB Corp Sampling Program	LBCORP-LENOX-WC-1	1/8/04	Wood Chip	CT&E	PCB	1/20/04
LB Corp Sampling Program	LBCORP-LENOX-WC-2	1/8/04	Wood Chip	CT&E	PCB	1/20/04
LB Corp Sampling Program	LBCORP-LENOX-WC-3	1/8/04	Wood Chip	CT&E	PCB	1/20/04
LB Corp Sampling Program	LBCORPMARBLE-WC-1	1/8/04	Wood Chip	CT&E	PCB	1/20/04
LB Corp Sampling Program	LBCORPMARBLE-WC-2	1/8/04	Wood Chip	CT&E	PCB	1/20/04
LB Corp Sampling Program	LBCORPMARBLE-WC-3	1/8/04	Wood Chip	CT&E	PCB	1/20/04
LB Corp Sampling Program	LBCORPMARBLE-WC-4	1/8/04	Wood Chip	CT&E	PCB	1/20/04
LB Corp Sampling Program	LBCORPMARBLE-WC-5	1/8/04	Wood Chip	CT&E	PCB	1/20/04
LB Corp Sampling Program	LBCORPMARBLE-WC-6	1/8/04	Wood Chip	CT&E	PCB	1/20/04
Monthly Water Column Sampling	HR-D1 (Location-1)	12/18/03	Water	NEA	PCB, TSS, POC, Chlorophyl-A	1/5/04
Monthly Water Column Sampling	HR-D1 (Location-1)	1/30/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-1	12/18/03	Water	NEA	PCB, TSS, POC, Chlorophyl-A	1/5/04
Monthly Water Column Sampling	Location-1	1/30/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-10	1/29/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-10	12/18/03	Water	NEA	PCB, TSS, POC, Chlorophyl-A	1/5/04
Monthly Water Column Sampling	Location-12	12/18/03	Water	NEA	PCB, TSS, POC, Chlorophyl-A	1/5/04
Monthly Water Column Sampling	Location-12	1/29/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-13	1/29/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-13	12/18/03	Water	NEA	PCB, TSS, POC, Chlorophyl-A	1/5/04
Monthly Water Column Sampling	Location-2	12/18/03	Water	NEA	PCB, TSS, POC, Chlorophyl-A	1/5/04
Monthly Water Column Sampling	Location-2	1/30/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-7	1/29/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	

TABLE 15-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 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	Location-7	12/18/03	Water	NEA	PCB, TSS, POC, Chlorophyl-A	1/5/04
Monthly Water Column Sampling	Location-9	1/29/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-9	12/18/03	Water	NEA	PCB, TSS, POC, Chlorophyl-A	1/5/04

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

TABLE 15-2
SAMPLE DATA RECEIVED DURING JANUARY 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, -1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-1	Hubbard Ave. Bridge	12/18/2003 12/18/2003	ND(0.0000220) [ND(0.0000220)]	ND(0.0000220) [ND(0.0000220)]	ND(0.0000220) [ND(0.0000220)]	ND(0.0000220) [ND(0.0000220)]	0.483 [0.611]	2.69 [2.41]	0.00060 [0.00060]
LOCATION-2	Newell Street Bridge	12/18/2003	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.626	6.17	0.00070
LOCATION-7	Holmes Rd. Bridge	12/18/2003	ND(0.0000220)	ND(0.0000220)	0.0000280 AG	0.0000280	0.451	5.48	0.00060
LOCATION-9	New Lenox Rd. Bridge	12/18/2003	ND(0.0000220)	0.0000560 AF	0.000140	0.000196	0.594	5.07	0.00060
LOCATION-10	Headwaters of Woods Pond	12/18/2003	ND(0.0000220)	0.0000430 AF	0.0000840	0.000127	1.0	12.5	0.00090
LOCATION-12	Schweitzer Bridge	12/18/2003	ND(0.0000220)	0.0000460 AF	0.0000780	0.000124	0.924	12.7	0.00090
LOCATION-13	Division St. Bridge	12/18/2003	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	1.11	12.9	0.0017

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 - Compound was analyzed for, but was not detected. The detection limit is presented in parentheses.
4. Field duplicate sample results are presented in brackets.
5. AF - Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
6. AG - Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

TABLE 15-3
PCB DATA RECEIVED DURING JANUARY 2004

LB CORP SAMPLING PROGRAM
HOUSATONIC RIVER - REST OF RIVER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Date Collected	Matrix	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
LBCORP-LENOX-SOIL-1	1/8/2004	Soil	ND(0.047)	0.12	0.23	0.35
LBCORP-LENOX-SOIL-2	1/8/2004	Soil	ND(0.045)	0.077	0.19	0.267
LBCORP-LENOX-SOIL-3	1/8/2004	Soil	ND(0.26)	ND(0.26)	3.2	3.2
LBCORP-LENOX-SOIL-4	1/8/2004	Soil	ND(0.049) [ND(0.045)]	0.21 [0.10]	0.51 [0.24]	0.72 [0.34]
LBCORP-LENOX-SOIL-5	1/8/2004	Soil	ND(0.046)	0.13	0.34	0.47
LBCORP-LENOX-SOIL-6	1/8/2004	Soil	ND(0.051)	0.44	0.98	1.42
LBCORP-LENOX-SOIL-7	1/8/2004	Soil	ND(0.045)	0.10	0.26	0.36
LBCORP-LENOX-SOIL-8	1/8/2004	Soil	ND(0.055)	0.80	1.6	2.4
LBCORP-LENOX-SOIL-9	1/8/2004	Soil	ND(0.044)	0.33	0.74	1.07
LBCORP-LENOX-SOIL-10	1/8/2004	Soil	ND(0.049)	0.21	0.39	0.60
LBCORP-LENOX-SOIL-11	1/8/2004	Soil	ND(0.080)	ND(0.080)	2.4	2.4
LBCORP-LENOX-SOIL-12	1/8/2004	Soil	ND(0.053)	ND(0.053)	0.57	0.57
LBCORP-LENOX-SOIL-13	1/8/2004	Soil	ND(0.055)	0.39	0.79	1.18
LBCORP-LENOX-SOIL-14	1/8/2004	Soil	ND(0.052)	0.46	0.95	1.41
LBCORP-LENOX-SOIL-15	1/8/2004	Soil	ND(0.056)	ND(0.056)	0.91	0.91
LBCORP-LENOX-WC-1	1/8/2004	Wood Chip	ND(0.033)	0.37	0.22	0.59
LBCORP-LENOX-WC-2	1/8/2004	Wood Chip	ND(0.033)	0.17	0.27	0.44
LBCORP-LENOX-WC-3	1/8/2004	Wood Chip	ND(0.033)	0.088	0.16	0.248
LBCORPMARBLE-WC-1	1/8/2004	Wood Chip	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)
LBCORPMARBLE-WC-2	1/8/2004	Wood Chip	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)
LBCORPMARBLE-WC-3	1/8/2004	Wood Chip	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)
LBCORPMARBLE-WC-4	1/8/2004	Wood Chip	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)
LBCORPMARBLE-WC-5	1/8/2004	Wood Chip	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)
LBCORPMARBLE-WC-6	1/8/2004	Wood Chip	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)

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

TABLE 15-4
TCLP DATA RECEIVED DURING JANUARY 2004

LB CORP SAMPLING PROGRAM
HOUSATONIC RIVER - REST OF RIVER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	LBCORP-LENOX-SOIL-C1 1/8/2004
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)
Organochlorine Pesticides		
Endrin	0.02	ND(0.0060)
Gamma-BHC (Lindane)	0.4	ND(0.0030)
Heptachlor	0.008	ND(0.0030)
Heptachlor Epoxide	0.008	ND(0.0030)
Methoxychlor	10	ND(0.040)
Technical Chlordane	0.03	ND(0.030)
Toxaphene	0.5	ND(0.050)
Herbicides		
2,4,5-TP	1	ND(0.010)
2,4-D	10	ND(0.010)
Inorganics		
Arsenic	5	ND(0.100)
Barium	100	0.320
Cadmium	1	0.00140 B
Chromium	5	ND(0.0500)
Lead	5	0.00820 B
Mercury	0.2	ND(0.00200)
Selenium	1	ND(0.200)
Silver	5	ND(0.0200)

Notes:
1. Sample was collected by Blasland, Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of 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).

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

- Submitted Pre-Design Investigation Work Plan Addendum for Phase 3 properties (January 8, 2004).*

- Submitted Pre-Design Investigation/Soil Evaluation Report and Conceptual RD/RA Work Plan for Phase 2 properties (January 14, 2004).*

d. Upcoming Scheduled Activities (next six weeks)

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 18
HOUSATONIC RIVER FLOODPLAIN
CURRENT RESIDENTIAL PROPERTIES
DOWNSTREAM OF CONFLUENCE
(ACTUAL/POTENTIAL LAWNS)
(GECD730)
JANUARY 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 February 26, 2002). (Based on discussions with EPA, it appears that this pre-design sampling may be deferred for some period of time.)*

f. Proposed/Approved Work Plan Modifications

None

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

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

a. Activities Undertaken/Completed

Initiated supplemental bank soil sampling at certain properties adjacent to Silver Lake.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled Activities (next six weeks)

- Continue water-level monitoring for piezometers (weather dependent).
- Continue water-level monitoring for wells (weather dependent).
- Submit Pre-Design Investigation Report for sediments (due February 11, 2004).
- Continue supplemental soil investigations at properties adjacent to lake (subject to obtaining access agreements and subject to weather constraints).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

GE has notified EPA/MDEP (in October 2003) of inability to gain access to Parcel I9-9-19 for soil sampling and requested their assistance to obtain access permission from owner.

f. Proposed/Approved Work Plan Modifications

GE received EPA Conditional Approval of Pre-Design Investigation Work Plan Addendum for Soils Adjacent to Silver Lake (January 14, 2004).

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

SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Bank Soil Sampling	I9-10-8-SB-13	1/29/04	0-1	Soil	CT&E	PCB	
Bank Soil Sampling	I9-10-8-SB-13	1/29/04	1-3	Soil	CT&E	PCB	
Bank Soil Sampling	I9-10-8-SB-13	1/29/04	3-5	Soil	CT&E	PCB	
Bank Soil Sampling	I9-10-8-SB-13	1/29/04	5-7	Soil	CT&E	PCB	
Bank Soil Sampling	I9-10-8-SB-14	1/29/04	0-1	Soil	CT&E	PCB	
Bank Soil Sampling	I9-10-8-SB-14	1/29/04	1-3	Soil	CT&E	PCB	
Bank Soil Sampling	I9-10-8-SB-14	1/29/04	3-5	Soil	CT&E	PCB	
Bank Soil Sampling	I9-10-8-SB-14	1/29/04	5-7	Soil	CT&E	PCB	
Bank Soil Sampling	I9-10-8-SB-15	1/29/04	0-1	Soil	CT&E	PCB	
Bank Soil Sampling	I9-10-8-SB-15	1/29/04	1-3	Soil	CT&E	PCB	
Bank Soil Sampling	I9-10-8-SB-15	1/29/04	3-5	Soil	CT&E	PCB	
Bank Soil Sampling	I9-10-8-SB-15	1/29/04	5-7	Soil	CT&E	PCB	
Bank Soil Sampling	I9-9-9-SB-1	1/30/04	11-13	Soil	CT&E	PCB	
Bank Soil Sampling	I9-9-9-SB-1	1/30/04	13-15	Soil	CT&E	PCB	
Bank Soil Sampling	I9-9-9-SB-4	1/30/04	0-1	Soil	CT&E	PCB	
Bank Soil Sampling	I9-9-9-SB-4	1/30/04	1-3	Soil	CT&E	PCB	
Bank Soil Sampling	I9-9-9-SB-4	1/30/04	11-13	Soil	CT&E	PCB	
Bank Soil Sampling	I9-9-9-SB-4	1/30/04	13-15	Soil	CT&E	PCB	
Bank Soil Sampling	I9-9-9-SB-4	1/30/04	3-5	Soil	CT&E	PCB	
Bank Soil Sampling	I9-9-9-SB-4	1/30/04	5-7	Soil	CT&E	PCB	
Bank Soil Sampling	I9-9-9-SB-4	1/30/04	7-9	Soil	CT&E	PCB	
Bank Soil Sampling	I9-9-9-SB-4	1/30/04	9-11	Soil	CT&E	PCB	
Bank Soil Sampling	I9-9-9-SB-8	1/30/04	0-1	Soil	CT&E	PCB	
Bank Soil Sampling	I9-9-9-SB-8	1/30/04	1-3	Soil	CT&E	PCB	
Bank Soil Sampling	I9-9-9-SB-8	1/30/04	11-13	Soil	CT&E	PCB	
Bank Soil Sampling	I9-9-9-SB-8	1/30/04	13-15	Soil	CT&E	PCB	
Bank Soil Sampling	I9-9-9-SB-8	1/30/04	3-5	Soil	CT&E	PCB	
Bank Soil Sampling	I9-9-9-SB-8	1/30/04	5-7	Soil	CT&E	PCB	
Bank Soil Sampling	I9-9-9-SB-8	1/30/04	7-9	Soil	CT&E	PCB	
Bank Soil Sampling	I9-9-9-SB-8	1/30/04	9-11	Soil	CT&E	PCB	
Bank Soil Sampling	SL-DUP-22 (I9-9-9-SB-8)	1/30/04	3-5	Soil	CT&E	PCB	

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

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

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

a. Activities Undertaken/Completed

General:

- Performed monitoring well inspections at wells to be sampled in the spring 2004 interim groundwater quality monitoring event that were accessible in January 2004 (see 21.e. below).

- Conducted sampling of well purge water, as identified in Table 21-1.

East Street Area 1-North and South:

- Continued automated groundwater and NAPL pumping at North Side and South Side Caissons. 2.5 gallons of oil were removed from each of these caissons in January.

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

East Street Area 2-South:

- Continued automated groundwater and LNAPL removal activities. A total of approximately 5,540,305 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 2,978 gallons of LNAPL were removed from pumping systems 64R, 64V, RW-1(S), 64X, and 64S Caisson. Summary tables follow.

- Continued automated DNAPL removal activities. Removed approximately 70 gallons of DNAPL from pumping system RW-3(X). Summary tables follow.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 2.94 liters (0.776 gallon) of LNAPL was removed from wells in this area. Summary tables follow.

- Treated/discharged 6,291,822 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 the wells monitored in this area.

- Tankered 15,000 gallons of water from Building 12Y to Building 64G for treatment.

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
JANUARY 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 the wells monitored in this area.

Lyman Street Area:

- Continued automated groundwater and NAPL removal activities. No LNAPL was removed from well RW-3 during January.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 2.09 liters (0.553 gallon) of DNAPL were removed from wells located in this area. Summary tables follow.

Newell Street Area II:

- Continued automated DNAPL recovery, with the collection of approximately 152 gallons of DNAPL from the automated collection systems.

- Continued routine well monitoring and manual NAPL removal activities. Recoverable quantities of DNAPL were not encountered in the wells in this area.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted Fall 2003 Groundwater Quality Interim Report (January 30, 2004).

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

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

- Decommission well MW-4 at the Lyman Street Area.
- Submit Fall 2003 NAPL Monitoring Report (due March 1, 2004).
- Complete inspection of wells to be sampled in spring 2004.
- Inspect well ESA1S-33 and purge with a bladder pump to determine if the well can produce low turbidity samples. If necessary, the well may be replaced prior to the spring 2004 sampling event.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Several wells were inaccessible or unable to be located due to snow and ice cover. GE will return to wells that require inspection prior to sampling in spring 2004.

f. Proposed/Approved Work Plan Modifications

None

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

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
GMA1-17W Purge Water Drum Sampling	78-E0618-WATER-1	1/16/04	Water	CT&E	PCB, VOC, SVOC, RCRA Metals	1/23/04
Purge Water Drum Sampling	78-B0682-WATER-1	1/16/04	Water	CT&E	PCB, VOC, SVOC, RCRA Metals	1/23/04
Well 26RR Purge Water Drum Sampling	78-E0056-WATER-1	1/16/04	Water	CT&E	PCB, VOC, SVOC, RCRA Metals	1/23/04

TABLE 21-2
DATA RECEIVED DURING JANUARY 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:	78-B0682-WATER-1 01/16/04	78-E0056-WATER-1 01/16/04	78-E0618-WATER-1 01/16/04
Volatile Organics			
Chlorobenzene	ND(0.0050)	ND(0.0050)	1.6
PCBs-Unfiltered			
Aroclor-1254	0.00039	0.45	6.5
Aroclor-1260	0.000087	0.49	7.5
Total PCBs	0.000477	0.94	14
Semivolatile Organics			
1,3-Dichlorobenzene	ND(0.010)	0.0026 J	0.021
1,4-Dichlorobenzene	ND(0.010)	0.0028 J	0.039
2-Chlorophenol	ND(0.010)	ND(0.010)	0.020
2-Methylnaphthalene	ND(0.010)	ND(0.010)	0.025
Acenaphthene	ND(0.010)	0.013	ND(0.010)
Benzo(a)anthracene	ND(0.010)	0.0026 J	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	0.0064	ND(0.0060)
Fluoranthene	ND(0.010)	0.0055 J	ND(0.010)
Fluorene	ND(0.010)	0.0087 J	ND(0.010)
Naphthalene	ND(0.010)	ND(0.010)	0.014
Phenanthrene	ND(0.010)	0.021	0.015
Pyrene	ND(0.010)	0.015	0.014
Inorganics-Unfiltered			
Arsenic	0.00500	0.0210	0.0200
Barium	0.150	0.580	0.210
Chromium	0.00400 B	0.00760	0.0120
Lead	ND(0.00500)	0.0130	0.0200
Mercury	0.000310	0.00350	0.00110
Selenium	0.00750	ND(0.00500)	0.00520
Silver	0.00390 B	0.00440 B	0.00160 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. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Only those constituents detected in one or more samples are summarized.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles)

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

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
January 2004

Caisson	Month	Vol. LNAPL Collected (gallon)	Vol. Water Recovered (gallon)	Percent Downtime*
Northside	January 2003	2.0	24,000	
	February 2003	5.0	21,500	
	March 2003	0.0	31,900	
	April 2003	2.0	45,800	
	May 2003	0.0	21,400	
	June 2003	0.0	20,800	
	July 2003	0.0	23,100	
	August 2003	0.0	13,800	
	September 2003	5.0	26,800	0.074 Power Outage
	October 2003	0.0	22,700	
	November 2003	0.0	37,300	
	December 2003	0.0	47,300	
	January 2004	2.5	23,700	0.40
Southside	January 2003	3.0	60,700	
	February 2003	1.0	54,600	
	March 2003	0.0	43,600	1.8
	April 2003	0.0	12,500	
	May 2003	0.0	93,200	
	June 2003	0.0	100,100	
	July 2003	2.0	101,000	
	August 2003	0.0	65,900	1.19
	September 2003	0.0	77,600	0.074 Power Outage
	October 2003	0.0	94,000	
	November 2003	0.0	85,100	
	December 2003	0.0	106,600	
	January 2004	2.5	72,500	0.40

TABLE 21-4
ROUTINE WELL MONITORING
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
January 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									
52	999.26	1/26/2004	5.20	---	0.00	---	15.33	0.00	994.06
131	1,001.18	1/26/2004	4.41	---	0.00	---	6.48	0.00	996.77
140	1,000.30	1/21/2004	7.28	---	0.00	---	15.24	0.00	993.02
ES1-08	1,000.85	1/26/2004	5.52	---	0.00	---	13.59	0.00	995.33
ES1-14	998.74	---	No Access						NA
North Cassion	997.84	1/8/2004	18.32	18.31	0.01	---	NM	0.00	979.53
North Cassion	997.84	1/14/2004	18.28	P	< 0.01	---	NM	0.00	979.56
North Cassion	997.84	1/21/2004	18.25	18.24	0.01	---	19.80	0.00	979.60
North Cassion	997.84	1/28/2004	18.50	18.49	0.01	---	19.80	0.00	979.35
GMA 1 - East Street Area 1 - South									
31R	1,000.23	1/26/2004	9.27	---	0.00	---	15.05	0.00	990.96
33	999.50	1/26/2004	Curb box cover could not be removed					0.00	NA
34	999.90	1/26/2004	5.94	---	0.00	---	21.00	0.00	993.96
72	1,000.62	1/26/2004	6.81	---	0.00	---	22.07	0.00	993.81
72R	1,000.92	1/26/2004	6.65	---	0.00	---	13.00	0.00	994.27
139	987.13	1/26/2004	Well was found obstructed at 3.41'						NA
GMA1-6	1,000.44	1/26/2004	8.32	---	0.00	---	15.10	0.00	992.12
South Cassion	1,001.11	1/8/2004	14.08	14.01	0.07	---	NM	0.00	987.10
South Cassion	1,001.11	1/14/2004	14.00	13.83	0.17	---	NM	0.00	987.27
South Cassion	1,001.11	1/21/2004	13.98	13.84	0.14	---	15.00	0.00	987.26
South Cassion	1,001.11	1/28/2004	14.56	14.55	0.01	---	15.00	0.00	986.56

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

TABLE 21-5
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64V	January 2003	1,492	1,055,400	
	February 2003	527	982,200	
	March 2003	374	1,048,800	
	April 2003	425	1,752,300	
	May 2003	220	1,202,200	
	June 2003	408	1,092,800	
	July 2003	408	1,184,900	
	August 2003	391	1,026,400	
	September 2003	867	1,020,100	
	October 2003	1,071	1,482,600	
	November 2003	1,377	1,309,800	
	December 2003	2,261	1,719,700	6.7 - Replaced Pump
	January 2004	1,768	1,366,300	
64R	January 2003	23	380,100	
	February 2003	200	253,900	
	March 2003	125	304,200	
	April 2003	1,600	1,684,400	
	May 2003	370	571,600	
	June 2003	175	483,000	
	July 2003	750	525,200	
	August 2003	300	580,600	
	September 2003	1,150	639,200	
	October 2003	975	717,300	
	November 2003	200	563,400	
	December 2003	625	290,500	
	January 2004	50	233,000	
40R	January 2003	17		
	February 2003	0		
	March 2003	0		
	April 2003	0		
	May 2003	0		
	June 2003	0		
	July 2003	0		
	August 2003	0		
	September 2003	0		
	October 2003	0		
	November 2003	0		
	December 2003	0		
	January 2004	0		
RW-2(X)	January 2003	0	276,700	
	February 2003	0	238,200	
	March 2003	0	267,200	
	April 2003	0	588,200	
	May 2003	0	504,900	
	June 2003	0	337,800	
	July 2003	0	504,000	
	August 2003	0	481,800	
	September 2003	0	403,800	
	October 2003	0	498,300	
	November 2003	0	461,400	
	December 2003	0	917,800	
	January 2004	0	403,200	

TABLE 21-5
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64X	January 2003	2	417,600	
	February 2003	2	403,200	
	March 2003	0	403,200	
	April 2003	5	504,000	
	May 2003	15	403,200	
	June 2003	25	403,200	
	July 2003	20	500,300	
	August 2003	30	403,200	
	September 2003	15	403,200	
	October 2003	10	460,800	
	November 2003	10	403,200	
	December 2003	5	504,000	3.2 - Cleaned Flow Meter
	January 2004	10	676,800	
RW-1(X)	January 2003	5	276,600	
	February 2003	0	285,100	
	March 2003	5	485,000	
	April 2003	5	689,700	
	May 2003	0	482,900	6.8
	June 2003	0	502,100	
	July 2003	0	541,200	
	August 2003	0	499,300	
	September 2003	10	486,700	
	October 2003	0	690,100	
	November 2003	0	488,500	
	December 2003	0	575,100	3.2 - Cleaned Flow Meter
	January 2004	0	426,600	
64S	January 2003	0	310,806	
	February 2003	0	271,609	
	March 2003	0	246,416	
	April 2003	625	630,314	
	May 2003	460	445,090	
	June 2003	950	276,675	
	July 2003	750	48,725	
	August 2003	38	302,161	
	September 2003	0	443,631	
	October 2003	150	983,801	
	November 2003	1,198	1,041,476	
	December 2003	925	1,529,896	1.6 - Low Voltage
	January 2004	1,054	1,237,777	
RW-1(S) [1]	January 2003	100	675,151	
	February 2003	100	576,646	
	March 2003	100	686,332	
	April 2003	0	1,155,188	10.82
	May 2003	0	880,083	
	June 2003	0	806,285	
	July 2003	0	821,262	
	August 2003	12	776,403	
	September 2003	50	811,790	
	October 2003	25	1,303,720	
	November 2003	52	1,155,983	
	December 2003	0	1,677,094	
	January 2004	96	1,196,628	

TABLE 21-5
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1

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

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
RW-3(X)	January 2003	53		
	February 2003	52		
	March 2003	28		
	April 2003	55		
	May 2003	52		
	June 2003	27		
	July 2003	56		
	August 2003	54		
	September 2003	55		
	October 2003	56		
	November 2003	55		
	December 2003	56		
	January 2004	70		

SUMMARY OF TOTAL AUTOMATED REMOVAL		
LNAPL:	**2,978**	**Gallons**
DNAPL:	**70**	**Gallons**
Water:	**5,540,305**	**Gallons**

Notes:

1. The flow meter at recovery well RW-1(S) was reset in June 2003.

TABLE 21-6
WELL MONITORING AND RECOVERY OF LNAPL
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	January 2004 Removal (liters)
13	1/20/2004	16.18	16.02	0.16	0.099	0.099
14	1/20/2004	16.31	16.30	0.01	0.006	0.006
GMA1-15	1/20/2004	15.08	13.80	1.28	0.790	0.790
GMA1-16	1/20/2004	12.30	11.98	0.32	0.197	0.197
GMA1-17W	1/20/2004	15.22	12.22	3.00	1.851	1.851

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

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

Total LNAPL Removal East Street Area 2 - South for January 2004: 2.943 liters
0.776 gallons

Total LNAPL Removal for January 2004: 2.943 liters
0.776 gallons

NOTE:

1. ft BMP - feet Below Measuring Point

TABLE 21-7
64G TREATMENT PLANT DISCHARGE DATA
GROUNDWATER MANAGEMENT AREA 1

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

Date	Housatonic River Discharge (gallons)	Recharge Pond Discharge (gallons)	Total Discharge (gallons)
January 2003	2,997,020	181,881	3,178,901
February 2003	2,793,860	183,835	2,977,695
March 2003	3,713,810	98,305	3,812,115
April 2003	4,909,250	160,917	5,070,167
May 2003	4,145,930	248,391	4,394,321
June 2003	3,603,998	319,326	3,923,324
July 2003	2,785,280	429,342	3,214,622
August 2003	3,810,650	339,323	4,149,973
September 2003	4,336,220	294,016	4,630,236
October 2003	5,428,939	251,753	5,680,692
November 2003	5,599,600	108,107	5,707,707
December 2003	6,406,420	60,343	6,466,763
January 2004	6,158,960	132,862	6,291,822

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

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

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
20's Complex									
26RR	1,000.58	1/14/2004	18.13	---	0.00	---	28.64	0.00	982.45
30's Complex									
95-15	986.38	1/14/2004	Dry @ 16.67'				16.67	16.67	NA
GMA1-2	1,006.75	1/21/2004	Well curb box cover was missing, filled with frozen soil, could not be gauged.						NA
GMA1-10	984.86	1/14/2004	6.54	---	0.00	---	19.91	0.00	978.32
GMA1-12	992.26	1/14/2004	15.95	---	0.00	---	22.14	0.00	976.31
RF-02	982.43	1/14/2004	5.90	---	0.00	---	18.29	0.00	976.53
RF-03	985.40	1/14/2004	9.43	---	0.00	---	18.41	0.00	975.97
RF-03D	985.31	1/14/2004	Could not locate, covered with snow and ice.					0.00	NA
RF-16	987.91	1/14/2004	8.69	---	0.00	---	20.74	0.00	979.22
40s Complex									
Bldg. 42 Elev.	NA	1/5/2004	16.24	P	< 0.01	---	NM	0.00	NA
Bldg. 42 Elev.	NA	1/12/2004	16.25	P	< 0.01	---	NM	0.00	NA
Bldg. 42 Elev.	NA	1/19/2004	16.68	P	< 0.01	---	NM	0.00	NA
Bldg. 42 Elev.	NA	1/26/2004	17.25	P	< 0.01	---	NM	0.00	NA
95-17	1,007.67	1/21/2004	24.40	---	0.00	---	29.03	0.00	983.27
RF-4	1,011.99	1/14/2004	13.88	---	0.00	---	23.97	0.00	998.11
East Street Area 2 - North									
ES1-05	1,023.33	1/15/2004	37.89	---	0.00	---	44.39	0.00	985.44
ES1-27R	1,023.19	1/15/2004	8.49	---	0.00	---	19.15	0.00	1,014.70
GMA1-4	1,011.52	1/15/2004	14.96	---	0.00	---	19.63	0.00	996.56
East Street Area 2 - South									
13	990.88	1/20/2004	16.18	16.02	0.16	---	22.51	0.00	974.85
14	991.61	1/20/2004	16.31	16.30	0.01	---	25.77	0.00	975.31
15R	989.23	1/20/2004	14.24	---	0.00	---	19.64	0.00	974.99
40R	991.60	1/8/2004	12.05	P	< 0.01	---	NM	0.00	979.55
40R	991.60	1/14/2004	12.46	P	< 0.01	---	NM	0.00	979.14
40R	991.60	1/21/2004	14.56	P	< 0.01	---	NM	0.00	977.04
49R	988.71	1/20/2004	14.04	---	0.00	---	24.87	0.00	974.67
49RR	989.80	1/20/2004	15.09	---	0.00	---	23.03	0.00	974.71
50	985.79	1/20/2004	9.61	9.40	0.21	---	23.41	0.00	976.38
52	985.18	1/20/2004	10.59	---	0.00	---	23.84	0.00	974.59
53	986.90	1/20/2004	12.69	---	0.00	---	25.66	0.00	974.21
55	989.45	1/20/2004	15.42	15.27	0.15	---	29.99	0.00	974.17
64R	993.37	1/8/2004	12.85	12.84	0.01	---	NM	0.00	980.53
64R	993.37	1/14/2004	13.14	13.04	0.10	---	NM	0.00	980.32
64R	993.37	1/21/2004	13.82	13.67	0.15	---	19.00	0.00	979.69
64R	993.37	1/28/2004	14.39	14.38	0.01	---	19.00	0.00	978.99
64S	984.48	1/8/2004	17.94	---	0.00	---	NM	0.00	966.54
64S	984.48	1/14/2004	18.67	P	< 0.01	---	NM	0.00	965.81
64S	984.48	1/21/2004	18.60	18.53	0.07	---	28.70	0.00	965.95
64S	984.48	1/28/2004	17.91	P	< 0.01	---	28.70	0.00	966.57
64S-Caisson	NA	1/8/2004	10.40	9.45	0.95	---	NM	0.00	NA
64S-Caisson	NA	1/14/2004	10.28	10.26	0.02	---	NM	0.00	NA
64S-Caisson	NA	1/21/2004	10.20	9.46	0.74	---	14.55	0.00	NA
64S-Caisson	NA	1/28/2004	9.38	P	< 0.01	---	14.55	0.00	NA
64V	987.29	1/8/2004	22.30	21.65	0.65	P	NM	< 0.01	965.59
64V	987.29	1/14/2004	21.70	21.40	0.30	P	NM	< 0.01	965.87
64V	987.29	1/21/2004	21.90	21.50	0.40	29.59	29.60	0.01	965.76
64V	987.29	1/28/2004	21.49	21.48	0.01	---	29.60	0.00	965.81
64X(N)	984.83	1/8/2004	9.13	9.02	0.11	---	NM	0.00	975.80
64X(N)	984.83	1/14/2004	10.19	10.05	0.14	---	NM	0.00	974.77
64X(N)	984.83	1/21/2004	10.62	10.50	0.12	---	15.85	0.00	974.32
64X(N)	984.83	1/28/2004	11.18	11.04	0.14	---	15.85	0.00	973.78
64X(S)	981.56	1/8/2004	11.98	11.97	0.01	---	NM	0.00	969.59
64X(S)	981.56	1/14/2004	12.38	P	< 0.01	---	NM	0.00	969.18
64X(S)	981.56	1/21/2004	13.29	13.28	0.01	---	23.82	0.00	968.28
64X(S)	981.56	1/28/2004	13.76	P	< 0.01	---	23.82	0.00	967.80
64X(W)	984.87	1/8/2004	15.03	15.02	0.01	---	NM	0.00	969.85
64X(W)	984.87	1/14/2004	16.08	16.07	0.01	---	NM	0.00	968.80
64X(W)	984.87	1/21/2004	16.46	16.45	0.01	---	24.35	0.00	968.42
64X(W)	984.87	1/28/2004	16.70	P	< 0.01	---	24.35	0.00	968.17
95-01	983.77	1/20/2004	Well could not be found.					0.00	NA
3-6C-EB-22	986.94	1/20/2004	12.72	---	0.00	---	20.02	0.00	974.22

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
January 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)
E2SC-23	992.07	1/20/2004	15.14	---	0.00	---	21.15	0.00	976.93
E2SC-24	987.90	1/20/2004	14.39	---	0.00	---	21.61	0.00	973.51
ES2-02A	979.63	1/20/2004	Well could not be located due to snow.					0.00	NA
GMA1-13	991.41	1/20/2004	16.70	---	0.00	---	27.17	0.00	974.71
GMA1-14	997.43	1/20/2004	15.58	---	0.00	---	23.72	0.00	981.85
GMA1-15	988.59	1/20/2004	15.08	13.80	1.28	---	17.82	0.00	974.70
GMA1-16	986.82	1/20/2004	12.30	11.98	0.32	---	20.00	0.00	974.82
GMA1-17E	993.03	1/20/2004	12.83	---	0.00	---	17.36	0.00	980.20
GMA1-17W	992.63	1/20/2004	15.22	12.22	3.00	---	23.40	0.00	980.20
HR-G1-MW-1	982.42	1/15/2004	8.69	---	0.00	---	20.31	0.00	973.73
HR-G1-MW-2	980.23	1/15/2004	9.35	---	0.00	---	28.52	0.00	970.88
HR-G1-MW-3	980.21	1/15/2004	6.56	---	0.00	---	17.87	0.00	973.65
HR-G2-MW-1	982.60	1/15/2004	9.18	---	0.00	---	18.22	0.00	973.42
HR-G2-MW-2	981.39	1/15/2004	7.16	---	0.00	---	17.68	0.00	974.23
HR-G2-MW-3	987.14	1/15/2004	13.12	---	0.00	---	21.99	0.00	974.02
HR-G2-RW-1	976.88	1/15/2004	5.03	5.01	0.02	---	18.69	0.00	971.87
HR-G3-MW-1	982.45	1/15/2004	13.33	---	0.00	---	17.33	0.00	969.12
HR-G3-MW-2	987.88	1/15/2004	13.82	---	0.00	---	17.73	0.00	974.06
HR-G3-RW-1	977.78	1/15/2004	4.84	---	0.00	---	9.97	0.00	972.94
HR-J1-MW-1	985.95	1/15/2004	12.83	---	0.00	---	25.85	0.00	973.12
HR-J1-MW-2	983.56	1/15/2004	9.44	---	0.00	---	16.98	0.00	974.12
HR-J1-MW-3	987.68	1/15/2004	13.76	---	0.00	---	26.44	0.00	973.92
HR-J1-RW-1	975.05	1/15/2004	Frozen, no measurement could be obtained.					0.00	NA
RW-1(S)	987.23	1/8/2004	18.01	P	< 0.01	---	NM	0.00	969.22
RW-1(S)	987.23	1/14/2004	18.48	P	< 0.01	NM	NM	0.10	968.75
RW-1(S)	987.23	1/21/2004	18.02	P	< 0.01	28.5	28.60	0.10	969.21
RW-1(S)	987.23	1/28/2004	18.48	17.89	0.59	---	28.60	0.00	969.30
RW-1(X)	982.68	1/8/2004	13.90	P	< 0.01	---	NM	0.00	968.78
RW-1(X)	982.68	1/14/2004	14.40	P	< 0.01	---	NM	0.00	968.28
RW-1(X)	982.68	1/21/2004	14.14	14.10	0.04	---	20.80	0.00	968.58
RW-1(X)	982.68	1/28/2004	14.44	14.42	0.02	---	20.80	0.00	968.26
RW-2(X)	985.96	1/8/2004	10.53	---	0.00	---	NM	0.00	975.43
RW-2(X)	985.96	1/14/2004	11.50	P	< 0.01	---	NM	0.00	974.46
RW-2(X)	985.96	1/21/2004	11.86	P	< 0.01	---	15.30	0.00	974.10
RW-2(X)	985.96	1/28/2004	12.50	---	0.00	---	15.30	0.00	973.46
RW-3(X)	980.28	1/8/2004	6.40	---	0.00	41.4	NM	2.95	973.88
RW-3(X)	980.28	1/14/2004	7.27	---	0.00	42.44	NM	1.96	973.01
RW-3(X)	980.28	1/21/2004	7.68	---	0.00	42.28	44.40	2.12	972.60
RW-3(X)	980.28	1/28/2004	8.20	---	0.00	40.85	44.40	3.55	972.08
TMP-1	992.74	1/15/2004	18.04	---	0.00	---	21.91	0.00	974.70
Housatonic River									
SG-HR-1	990.73	1/8/2004	17.28	---	0.00	---	---	0.00	973.45
SG-HR-1	990.73	1/23/2004	18.65	---	---	---	---	---	972.08
SG-HR-1	990.73	1/28/2004	24.80	---	---	---	---	---	965.93
Housatonic River (Temporary Monitoring Pt.)	NA	1/27/2004	1.47	---	---	---	---	---	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. NM indicates information not measured.
5. P indicates that LNAPL is present at a thickness that is < 0.01 feet, the corresponding thickness is recorded as such.
6. Well HR-G2-RW-1 is constructed at an angle of 41.67 degrees from vertical. Depth to water data reflect measurements collected along the angled well casing. Groundwater elevations are corrected to account for the angle
7. No measurements were obtained at this time due to the operation of the auto skimmer.
8. A survey reference point (SG-HR-1) was established on the Newell Street Bridge. The "Depth to Water" value(s) provided in the above table refer to the vertical distance from the surveyed refernece point to the water surface.
9. A data logger has been placed at this location. Data is collected and subsequently presented in the Semi-Annual GMA 1 Baseline Groundwater Monitoring Reports. The depth to water measurement is used to confirm the data logger

TABLE 21-9
ACTIVE RECOVERY SYSTEMS MONTHLY SUMMARY
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

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

Month / Year	Volume Water Pumped (gallon)	RW-1R LNAPL Recovered (gallon)	RW-1 DNAPL Recovered (gallon)	RW-3 LNAPL Recovered (gallon)
January 2002	190,471	---	---	10
February 2002	154,671	7	---	10
March 2002	183,708	---	---	20
April 2002	220,657	5	---	10
May 2002	290,851	---	---	10
June 2002	264,424	---	---	15
July 2002	219,781	13	---	5
August 2002	127,581	---	---	15
September 2002	165,634	4	---	10
October 2002	271,056	---	---	15
November 2002	264,950	---	---	5
December 2002	316,482	2	---	23
January 2003	272,679	---	---	20
February 2003	228,093	---	---	20
March 2003	287,152	---	---	20
April 2003	518,782	---	---	10
May 2003	281,349	---	---	10
June 2003	266,987	---	---	10
July 2003	244,776	---	---	10
August 2003	290,984	---	---	10
September 2003	309,162	---	---	20
October 2003	485,653	---	---	20
November 2003	363,979	---	---	10
December 2003	490,517	---	---	0
January 2004	299,584	---	---	---

TABLE 21-9
ACTIVE RECOVERY SYSTEMS MONTHLY SUMMARY
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

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

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

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 quantity
4. Downtime in November was approximately 11% due to the need to replace a motor and pump and clean a control probe in well RW-1R

TABLE 21-10
MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	January 2004 Removal (liters)
LS-30	1/13/2004	11.54	20.85	1.36	0.839	0.839
LS-34	1/13/2004	11.36	27.46	1.09	0.487	0.487
LSSC-07	1/8/2004	7.77	24.57	0.53	0.327	0.327
LSSC-07	1/13/2004	8.34	24.93	0.16	0.099	0.099
LSSC-07	1/23/2004	9.43	24.63	0.46	0.284	0.284
LSSC-16I	1/13/2004	6.67	28.43	0.10	0.062	0.062

Total Manual DNAPL Removal for January 2004: 2.098 liters
0.553 gallons

NOTES:

1. ft BMP - feet Below Measuring Point

TABLE 21-11
ROUTINE WELL MONITORING
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
January 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	1/21/2004	6.35	---	0.00	---	19.78	0.00	976.52
EPA-1	983.04	1/13/2004	9.59	---	0.00	---	22.51	0.00	973.45
LS-24	986.58	1/13/2004	Could not find, covered with snow and ice.					0.00	NA
LS-29	990.63	1/13/2004	Could not find, covered with snow and ice.					0.00	NA
LS-30	986.44	1/13/2004	11.54	---	0.00	20.85	22.21	1.36	974.90
LS-31	987.09	1/13/2004	11.84	---	0.00	22.81	23.30	0.49	975.25
LS-34	985.79	1/13/2004	11.36	---	0.00	27.46	28.55	1.09	974.43
LS-38	986.95	1/13/2004	12.89	---	0.00	---	25.03	0.00	974.06
LS-43	981.17	1/13/2004	3.39	---	0.00	---	9.92	0.00	977.78
LS-44	980.78	1/13/2004	7.13	---	0.00	---	24.77	0.00	973.65
LSSC-07	982.48	1/8/2004	7.77	---	0.00	24.57	25.10	0.53	974.71
LSSC-07	982.48	1/13/2004	8.34	---	0.00	24.93	25.09	0.16	974.14
LSSC-07	982.48	1/23/2004	9.43	---	0.00	24.63	25.09	0.46	973.05
LSSC-07	982.48	1/28/2004	9.60	---	0.00	24.8	25.08	0.28	972.88
LSSC-08I	983.13	1/8/2004	9.25	---	0.00	---	23.38	0.00	973.88
LSSC-08I	983.13	1/13/2004	9.74	---	0.00	---	23.40	0.00	973.39
LSSC-08I	983.13	1/23/2004	10.99	---	0.00	23.24	23.38	0.14	972.14
LSSC-08I	983.13	1/28/2004	11.05	---	0.00	---	23.37	0.00	972.08
LSSC-08S	983.11	1/13/2004	9.77	---	0.00	---	14.69	0.00	973.34
LSSC-16I	980.88	1/13/2004	6.67	---	0.00	28.43	28.53	0.10	974.21
LSSC-16S	981.37	1/21/2004	7.98	---	0.00	---	14.69	0.00	973.39
LSSC-18	987.32	1/13/2004	Well could not be found due to snow and ice.					0.00	NA
LSSC-32	980.68	1/13/2004	6.75	---	0.00	---	35.29	0.00	973.93
LSSC-33	980.49	1/13/2004	6.47	---	0.00	---	29.76	0.00	974.02
LSSC-34I	984.74	1/13/2004	10.74	---	0.00	27.99	28.47	0.48	974.00
MW-4R	980.82	1/28/2004	8.24	---	0.00	---	13.19	0.00	972.58
MW-6R	985.14	1/21/2004	Buried under 4' of snow.					0.00	NA
RW-1	984.88	1/8/2004	9.29	P	< 0.01	---	NM	0.00	975.59
RW-1	984.88	1/14/2004	10.60	P	< 0.01	NM	NM	0.20	974.28
RW-1	984.88	1/21/2004	10.44	P	< 0.01	---	21.00	0.00	974.44
RW-1	984.88	1/28/2004	11.68	P	< 0.01	---	21.00	0.00	973.20
RW-1 (R)	985.07	1/8/2004	16.96	16.95	0.01	---	NM	0.00	968.12
RW-1 (R)	985.07	1/14/2004	15.77	P	< 0.01	---	NM	0.00	969.30
RW-1 (R)	985.07	1/21/2004	15.60	P	< 0.01	---	20.42	0.00	969.47
RW-1 (R)	985.07	1/28/2004	15.71	---	0.00	---	20.42	0.00	969.36
RW-2	987.82	1/8/2004	12.78	---	0.00	---	NM	0.00	975.04
RW-2	987.82	1/14/2004	13.59	P	< 0.01	---	NM	0.00	974.23
RW-2	987.82	1/21/2004	14.03	P	< 0.01	---	21.75	0.00	973.79
RW-2	987.82	1/28/2004	14.40	---	0.00	---	21.75	0.00	973.42
RW-3	984.08	1/8/2004	9.55	9.54	0.01	---	NM	0.00	974.54
RW-3	984.08	1/14/2004	1.25	1.15	0.10	---	NM	0.00	982.92
RW-3	984.08	1/21/2004	12.40	12.28	0.12	---	21.57	0.00	971.79
RW-3	984.08	1/28/2004	13.22	13.16	0.06	---	21.57	0.00	970.92
Housatonic River (Lyman Street Bridge)									
BM-2A	986.32	1/8/2004	12.95	---	0.00	---	NM	0.00	973.37
BM-2A	986.32	1/23/2004	18.05	---	---	---	---	---	968.27
BM-2A	986.32	1/28/2004	18.31	---	---	---	---	---	968.01

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
6. 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 21-12
ACTIVE DNAPL RECOVERY SYSTEMS MONTHLY SUMMARY
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1

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

Recovery System	Date	Total Gallons Recovered
System 1	January 2003	9.0
	February 2003	9.0
	March 2003	27.0
	April 2003	19.0
	May 2003	28.0
	June 2003	27.0
	July 2003	28.0
	August 2003	53.0
	September 2003	26.0
	October 2003	56.0
	November 2003	27.0
	December 2003	47.0
	January 2004	24.0
System 2	January 2003	97.0
	February 2003	80.0
	March 2003	81.0
	April 2003	65.0
	May 2003	65.0
	June 2003	114.0
	July 2003	130.0
	August 2003	115.0
	September 2003	390.0
	October 2003	227.0
	November 2003	146.0
	December 2003	182.0
	January 2004	128.0
Total Automated DNAPL Removal for January 2004:		**152.0 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

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
January 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)
MW-1D	987.20	1/21/2004	13.07	---	0.00	39.25	39.49	0.24	974.13
MW-1S	986.60	1/21/2004	12.59	---	0.00	25.02	25.27	0.25	974.01
N2SC-02I	985.56	1/21/2004	Well could not be located					0.00	NA
N2SC-07	984.61	1/21/2004	11.51	---	0.00	---	38.14	0.00	973.10
N2SC-07S	982.93	1/21/2004	9.60	---	0.00	---	18.91	0.00	973.33
NS-10	984.59	1/21/2004	9.42	9.25	0.17	---	19.21	0.00	975.33
NS-17	984.64	1/21/2004	11.25	---	0.00	---	18.69	0.00	973.39

NOTES:

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

TABLE 21-14
ROUTINE WELL MONITORING
SILVER LAKE AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
January 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-01D	983.13	1/12/2004	3.90	---	0.00	---	37.04	0.00	979.23
SLGW-01S	982.94	1/12/2004	7.01	---	0.00	---	16.32	0.00	975.93
SLGW-02D	985.10	1/12/2004	6.86	---	0.00	---	36.9	0.00	978.24
SLGW-02S	985.39	1/12/2004	7.62	---	0.00	---	16.86	0.00	977.77
SLGW-03D	979.14	1/12/2004	Well frozen at the top of the inner casing.					0.00	NA
SLGW-03S	980.21	1/12/2004	4.15	---	0.00	---	14.69	0.00	976.06
SLGW-04D	983.51	1/12/2004	4.95	---	0.00	---	37.24	0.00	978.56
SLGW-04S	984.02	1/12/2004	8.05	---	0.00	---	16.73	0.00	975.97
SLGW-05D	979.3	1/12/2004	Well covered by snow bank.					0.00	NA
SLGW-05S	979.12	1/12/2004	3.26	---	0.00	---	11.77	0.00	975.86
SLGW-06D	981.63	1/12/2004	4.68	---	0.00	---	35.06	0.00	976.95
SLGW-06S	981.66	1/12/2004	5.22	---	0.00	---	14.91	0.00	976.44
Silver Lake Gauge	NA	1/28/2004	4.40	---	---	---	---	---	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)
JANUARY 2004

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

a. Activities Undertaken/Completed

- Completed quarterly groundwater elevation monitoring. A water level measurement at well GMA2-7 at Parcel K10-11-5 could not be obtained due to snow and gravel cover associated with parking lot construction.

- Conducted sampling of well purge water, as identified in Table 22-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted Fall 2003 Baseline Groundwater Quality Interim Report (January 30, 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 22-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2004

GROUNDWATER MANAGEMENT AREA 2
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Purge Water Drum Sampling	78-E0058-WATER-1	1/16/04	Water	CT&E	SVOC, RCRA Metals	1/23/04

TABLE 22-2
DATA RECEIVED DURING JANUARY 2004

PURGE WATER DRUM SAMPLING
GROUNDWATER MANAGEMENT AREA 2
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-E0058-WATER-1 01/16/04
Semivolatile Organics	
None Detected	--
Inorganics-Unfiltered	
Barium	0.0210
Cadmium	0.00150
Chromium	0.00390 B
Mercury	0.0000800 B
Silver	0.00400 B

Notes:

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

Data Qualifiers:

Inorganics

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

TABLE 22-3
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 2

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
January 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)
Former Oxbow Area J									
GMA 2-1	991.36	1/27/2004	15.39	---	0.00	---	27.15	0.00	975.97
GMA 2-2	991.19	1/27/2004	17.45	---	0.00	---	25.13	0.00	973.74
GMA 2-3	991.48	1/27/2004	14.31	---	0.00	---	18.48	0.00	977.17
GMA 2-6	989.73	1/27/2004	15.03	---	0.00	---	23.43	0.00	974.70
GMA 2-7	989.64	1/27/2004	Could not locate well due to snow, cars and stone put down on the parking lot.						NA
J-1R	988.25	1/27/2004	14.90	---	0.00	---	21.16	0.00	973.35
MW-1	994.47	1/27/2004	11.46	---	0.00	---	19.54	0.00	983.01
MW-2	991.64	1/27/2004	14.64	---	0.00	---	16.82	0.00	977.00
Former Oxbow Area K									
GMA 2-4	983.41	1/27/2004	8.94	---	0.00	---	17.96	0.00	974.47
GMA 2-5	985.85	1/27/2004	9.57	---	0.00	---	15.98	0.00	976.28
GMA 2-8	982.30	1/27/2004	8.40	---	0.00	---	17.34	0.00	973.90
GMA 2-9	981.29	1/27/2004	7.72	---	0.00	---	17.09	0.00	973.57
Housatonic River (Foot Bridge)									
GMA2-SG-1	989.82	1/27/2004	17.00	---	---	---	---	---	972.82

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 survey reference point (GMA2-SG-1) was established on the foot bridge which crosses the Housatonic River. The "Depth to Water" value(s) provided in the above table refer to the vertical distance from the surveyed reference point to the water surface.

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

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

a. Activities Undertaken/Completed

- Conducted monthly monitoring and NAPL removal in the vicinity of Buildings 51 and 59. Approximately 13.64 liters (3.60 gallons) of LNAPL were removed by the automatic skimmer located in well 51-12 and an additional 3.25 liters (0.86 gallon) of LNAPL were manually removed from the wells in this area (see Table 23-3).

- Conducted quarterly groundwater elevation monitoring at wells where access permission has been obtained.

- Conducted sampling of purge water from well 78B-R, as identified in Table 23-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue ongoing NAPL monitoring and recovery activities.

- Install wells GMA3-8 and GMA3-5.

- Submit Fall 2003 Interim Groundwater Quality and NAPL Monitoring Report (due March 1, 2004).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

GE anticipates that an access agreement for the Massachusetts Department of Higher Education (Berkshire Community College) property within this GMA will be executed in February 2004 (see Item 7.a above). As a result, GE is currently planning to initiate the baseline groundwater quality monitoring program at this GMA in spring 2004.

f. Proposed/Approved Work Plan Modifications

None

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

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Well 78B-R Purge Water Drum Sampling	78-C0471-WATER-1	1/16/04	Water	CT&E	PCB, SVOC, RCRA Metals	1/23/04

TABLE 23-2
DATA RECEIVED DURING JANUARY 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-C0471-WATER-1 01/16/04
PCBs-Unfiltered	
None Detected	--
Semivolatile Organics	
None Detected	--
Inorganics-Unfiltered	
Barium	0.220
Cadmium	0.000720 B
Chromium	0.00430 B
Mercury	0.0000500 B
Silver	0.00200 B

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

Data Qualifiers:

Inorganics

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

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

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	January 2004 Removal (liters)
51-05	1/21/2004	9.84	9.40	0.44	0.271	0.271
51-08	1/21/2004	10.34	10.05	0.29	0.179	0.179
51-17	1/21/2004	10.59	9.15	1.44	0.888	0.888
51-19	1/21/2004	10.16	9.50	0.66	0.407	0.407
51-21	1/16/2004	NM	NM	NM	13.644	13.644
59-03R	1/21/2004	12.31	10.32	1.99	1.228	1.228
UB-PZ-3	1/26/2004	11.63	11.18	0.45	0.278	0.278

Total Automated LNAPL Removal at well 51-21 for January 2004: 13.644 liters
3.60 Gallons

Total Manual LNAPL Removal at all other wells for January 2004: 3.251 liters
0.86 Gallons

Total LNAPL Removed for January 2004: 16.895 liters
4.46 Gallons

NOTE:

1. ft BMP - feet Below Measuring Point

TABLE 23-4
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
002A	994.16	1/26/2004	7.99	---	0.00	---	55.44	0.00	986.17
006B	993.01	1/26/2004	5.75	---	0.00	---	9.52	0.00	987.26
016A	991.77	1/26/2004	7.13	---	0.00	---	50.97	0.00	984.64
016B-R	994.87	1/26/2004	9.35	---	0.00	---	16.38	0.00	985.52
016C	991.47	1/26/2004	6.58	---	0.00	---	82.99	0.00	984.89
016E	992.14	1/26/2004	6.50	---	0.00	---	47.89	0.00	985.64
039B-R	991.97	1/26/2004	6.01	---	0.00	---	13.92	0.00	985.96
039D	992.16	1/26/2004	6.03	---	0.00	---	68.34	0.00	986.13
039E	992.21	1/26/2004	5.44	---	0.00	---	131.81	0.00	986.77
043A	993.79	1/26/2004	5.56	---	0.00	---	51.62	0.00	988.23
043B	993.61	1/26/2004	5.89	---	0.00	---	18.68	0.00	987.72
050B	991.76	1/26/2004	3.23	---	0.00	---	15.11	0.00	988.53
054B	987.96	1/26/2004	Could not locate well						NA
078B-R	988.83	1/26/2004	1.42	---	0.00	---	11.73	0.00	987.41
089A	985.76	1/27/2004	Frozen at 1.79'						NA
089B	986.03	1/27/2004	Frozen at 2.08'						NA
089D	985.42	1/27/2004	Frozen at 1.50'						NA
095A	987.18	1/27/2004	6.62	---	0.00	---	46.94	0.00	980.56
095B	988.72	1/27/2004	7.29	---	0.00	---	11.59	0.00	981.43
095C	988.16	1/27/2004	4.16	---	0.00	---	45.46	0.00	984.00
111A	997.57	1/27/2004	Obstructed at 3.37'						NA
111B	996.75	1/27/2004	13.26	---	0.00	---	16.50	0.00	983.49
114A	986.16	1/27/2004	6.28	---	0.00	---	47.65	0.00	979.88
114B	984.98	1/27/2004	6.31	---	0.00	---	10.89	0.00	978.67
114C	986.68	1/27/2004	4.91	---	0.00	---	90.54	0.00	981.77
51-05	996.44	1/21/2004	9.84	9.40	0.44	---	12.54	0.00	987.01
51-06	997.36	1/21/2004	9.92	---	0.00	---	14.58	0.00	987.44
51-07	997.08	1/21/2004	9.86	---	0.00	---	11.21	0.00	987.22
51-08	997.08	1/21/2004	10.34	10.05	0.29	---	14.66	0.00	987.01
51-08	997.08	1/28/2004	10.35	10.26	0.09	---	14.64	0.00	986.81
51-09	997.70	1/21/2004	9.54	---	0.00	---	11.98	0.00	988.16
51-11	994.37	1/21/2004	7.98	---	0.00	---	13.42	0.00	986.39
51-12	996.55	1/21/2004	Buried under 10' snow banks.						NA
51-13	997.42	1/21/2004	Dry at 10.02'.				10.02		NA
51-14	996.77	1/21/2004	10.04	---	0.00	---	15.01	0.00	986.73
51-15	996.43	1/21/2004	9.48	9.39	0.09	---	14.46	0.00	987.03
51-16R	996.39	1/21/2004	9.61	9.37	0.24	---	14.55	0.00	987.00
51-17	996.43	1/21/2004	10.59	9.15	1.44	---	14.46	0.00	987.18
51-18	997.12	1/21/2004	10.21	---	0.00	---	12.54	0.00	986.91
51-19	996.43	1/21/2004	10.16	9.50	0.66	---	14.04	0.00	986.88
51-21	1,001.49	1/7/2004	14.05	P	< 0.01	---	NM	0.00	987.44
51-21	1,001.49	1/14/2004	14.25	P	< 0.01	---	NM	0.00	987.24
51-21	1,001.49	1/21/2004	14.59	P	< 0.01	---	NM	0.00	986.90
51-21	1,001.49	1/28/2004	14.84	P	< 0.01	---	NM	0.00	986.65
59-01	997.52	1/21/2004	10.38	---	0.00	---	11.39	0.00	987.14
59-03R	997.64	1/21/2004	12.31	10.32	1.99	---	17.03	0.00	987.18
59-07	997.96	1/21/2004	10.79	10.70	0.09	---	23.54	0.00	987.25
GMA3-2	991.94	1/26/2004	6.94	---	0.00	---	14.94	0.00	985.00
GMA3-3	990.45	1/26/2004	5.11	---	0.00	---	12.31	0.00	985.34
GMA3-4	994.60	1/26/2004	6.51	---	0.00	---	13.78	0.00	988.09

TABLE 23-4
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA3-6	997.49	1/26/2004	10.34	---	0.00	---	17.93	0.00	987.15
GMA3-7	1000.17	1/26/2004	12.97	---	0.00	---	19.92	0.00	987.20
GMA3-9	992.39	1/26/2004	4.36	---	0.00	---	12.66	0.00	988.03
UB-MW-10	995.99	1/21/2004	9.02	---	0.00	---	15.85	0.00	986.97
UB-PZ-1	999.70	1/26/2004	12.71	---	0.00	---	13.40	0.00	986.99
UB-PZ-2	994.77	1/26/2004	Frozen at 0.68'						NA
UB-PZ-3	998.15	1/26/2004	11.63	11.18	0.45	---	13.42	0.00	986.94
Unkamet Brook Staff Gauge									
GMA3-SG-1	983.44	1/26/2004	Frozen at 3.90'						NA
GMA3-SG-2		1/27/2004	Staff gauge not there						NA
GMA3-SG-3	985.53	1/26/2004	Frozen at 2.50'						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. 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
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)
JANUARY 2004

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

a. Activities Undertaken/Completed

- Conducted quarterly groundwater elevation monitoring.
- Conducted sampling of well purge water, as identified in Table 24-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

Submit Fall 2003 Baseline Groundwater Quality Report (due March 1, 2004).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 24-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2004

GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Building 12 Purge Water Drum Sampling	12-B0681-WATER-1	1/19/04	Water	CT&E	PCB, SVOC, RCRA Metals	1/23/04

TABLE 24-2
DATA RECEIVED DURING JANUARY 2004

BUILDING 12 PURGE WATER DRUM SAMPLING
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	12-B0681-WATER-1 01/19/04
PCBs-Unfiltered	
Aroclor-1254	0.00046
Aroclor-1260	0.00011
Total PCBs	0.00057
Semivolatile Organics	
None Detected	--
Inorganics-Unfiltered	
Arsenic	0.00520
Barium	0.0290
Chromium	0.00340 B
Mercury	0.0000500 B
Silver	0.00320 B

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

Data Qualifiers:

Inorganics

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

TABLE 24-3
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 4

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
January 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)
060A	1,001.71	1/23/2004	14.17	---	0.00	---	47.28	0.00	987.54
060B-R	1,002.79	1/23/2004	14.13	---	0.00	---	20.79	0.00	988.66
78-1	1,026.32	1/23/2004	9.69	---	0.00	---	22.40	0.00	1,016.63
78-2	1,033.96	1/23/2004	7.33	---	0.00	---	26.60	0.00	1,026.63
78-3	1,007.13	1/23/2004	16.33	---	0.00	---	24.80	0.00	990.80
78-4	998.55	1/23/2004	12.32	---	0.00	---	21.31	0.00	986.23
78-5R	997.36	1/23/2004	5.21	---	0.00	---	18.35	0.00	992.15
78-6	1,012.00	1/23/2004	7.82	---	0.00	---	17.50	0.00	1,004.18
GMA4-1	1,012.06	1/23/2004	22.70	---	0.00	---	28.13	0.00	989.36
GMA4-2	1,006.06	1/23/2004	12.35	---	0.00	---	19.83	0.00	993.71
GMA4-3	1,003.95	1/23/2004	16.58	---	0.00	---	26.26	0.00	987.37
GMA4-4	999.64	1/23/2004	11.54	---	0.00	---	23.08	0.00	988.10
GMA4-5	993.34	1/23/2004	10.80	---	0.00	---	18.17	0.00	982.54
H78B-13R	992.93	1/23/2004	10.50	---	0.00	---	19.91	0.00	982.43
H78B-15	1,012.68	1/23/2004	15.05	---	0.00	---	18.23	0.00	997.63
H78B-16	999.33	1/23/2004	12.13	---	0.00	---	17.11	0.00	987.20
H78B-17	1,002.54	1/23/2004	16.59	---	0.00	---	19.05	0.00	985.95
H78B-17R	1,000.31	1/23/2004	13.31	---	0.00	---	24.91	0.00	987.00
NY-4	1,024.24	1/23/2004	9.07	---	0.00	---	31.40	0.00	1,015.17
OPCA-MW-1	1,019.60	1/23/2004	9.72	---	0.00	---	32.59	0.00	1,009.88
OPCA-MW-2	1,019.58	1/23/2004	17.12	---	0.00	---	35.30	0.00	1,002.46
OPCA-MW-3	1,014.83	1/23/2004	18.77	---	0.00	---	27.41	0.00	996.06
OPCA-MW-4	1,018.67	1/23/2004	11.27	---	0.00	---	21.48	0.00	1,007.40
OPCA-MW-5R	1,016.34	1/23/2004	10.58	---	0.00	---	21.60	0.00	1,005.76
OPCA-MW-6	1,022.31	1/23/2004	19.71	---	0.00	---	23.87	0.00	1,002.60
OPCA-MW-7	1,026.57	1/23/2004	16.90	---	0.00	---	23.61	0.00	1,009.67
OPCA-MW-8	1,027.40	1/23/2004	12.38	---	0.00	---	22.05	0.00	1,015.02
RF-14	1,001.59	1/23/2004	8.40	---	0.00	---	22.61	0.00	993.19
RF-15	1,011.80	1/23/2004	13.44	---	0.00	---	20.67	0.00	998.36
UB-MW-5	1,006.06	1/23/2004	14.19	---	0.00	---	15.37	0.00	991.87
UB-MW-6	1,019.79	1/23/2004	20.92	---	0.00	---	35.06	0.00	998.87

NOTES:

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

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

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted Fall 2003 Baseline Groundwater Quality Interim Report (January 30, 2004).

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

Conduct quarterly groundwater elevation monitoring.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

Attachment A

NPDES Sampling Records and Results
January 2004

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

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

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
NPDES Sampling	001-A5368	1/5/04	Water	CT&E	Oil & Grease	1/13/04
NPDES Sampling	001-A5370	1/5/04	Water	CT&E	PCB	1/13/04
NPDES Sampling	001-A5376	1/6/04	Water	CT&E	TSS	1/13/04
NPDES Sampling	004-A5352	1/3/04	Water	CT&E	Oil & Grease	1/13/04
NPDES Sampling	004-A5355	1/3/04	Water	CT&E	PCB	1/13/04
NPDES Sampling	005-A5346/A5347	12/30/03	Water	CT&E	PCB	1/7/04
NPDES Sampling	005-A5378/A5379	1/6/04	Water	CT&E	PCB, TSS, BOD	1/13/04
NPDES Sampling	005-A5386/A5387	1/13/04	Water	CT&E	PCB	1/19/04
NPDES Sampling	005-A5394/A5395	1/20/04	Water	CT&E	PCB	1/26/04
NPDES Sampling	005-A5401/A5402	1/27/04	Water	CT&E	PCB	
NPDES Sampling	006-A5360	1/3/04	Water	CT&E	Oil & Grease	1/13/04
NPDES Sampling	006-A5362	1/3/04	Water	CT&E	PCB	1/13/04
NPDES Sampling	007-A5356	1/3/04	Water	CT&E	PCB	1/13/04
NPDES Sampling	05A-A5357	1/3/04	Water	CT&E	Oil & Grease	1/13/04
NPDES Sampling	05A-A5359	1/3/04	Water	CT&E	PCB	1/13/04
NPDES Sampling	09B-A5339	12/24/03	Water	CT&E	TSS	1/5/04
NPDES Sampling	09B-A5340	12/26/03	Water	CT&E	BOD	1/5/04
NPDES Sampling	09B-A5349	12/30/03	Water	CT&E	TSS, BOD	1/7/04
NPDES Sampling	09B-A5363	1/4/04	Water	CT&E	TSS	1/13/04
NPDES Sampling	09B-A5380	1/6/04	Water	CT&E	BOD	1/13/04
NPDES Sampling	09C-A5350	12/30/03	Water	CT&E	Oil & Grease	1/7/04
NPDES Sampling	09C-A5372	1/5/04	Water	CT&E	Oil & Grease	1/13/04
NPDES Sampling	09C-A5374	1/5/04	Water	CT&E	PCB	1/13/04
NPDES Sampling	64G-A5343	12/29/03	Water	CT&E	Oil & Grease	1/7/04
NPDES Sampling	64G-A5366	1/5/04	Water	CT&E	Oil & Grease	1/13/04
NPDES Sampling	64G-A5383	1/12/04	Water	CT&E	Oil & Grease	1/19/04
NPDES Sampling	64G-A5388	1/13/04	Water	CT&E	SVOC	1/19/04
NPDES Sampling	64G-A5389	1/13/04	Water	CT&E	VOC	1/19/04
NPDES Sampling	64G-A5392	1/19/04	Water	CT&E	Oil & Grease	1/26/04
NPDES Sampling	64G-A5399	1/26/04	Water	CT&E	Oil & Grease	
NPDES Sampling	64T-A5345	12/29/03	Water	CT&E	Oil & Grease	1/7/04
NPDES Sampling	64T-A5364	1/5/04	Water	CT&E	Oil & Grease	1/13/04
NPDES Sampling	64T-A5381	1/12/04	Water	CT&E	Oil & Grease	1/19/04
NPDES Sampling	64T-A5390	1/19/04	Water	CT&E	Oil & Grease	1/26/04
NPDES Sampling	64T-A5397	1/26/04	Water	CT&E	Oil & Grease	
NPDES Sampling	A5371R	1/6/04	Water	CT&E	Acute Toxicity Test	1/19/04
NPDES Sampling	A5371RCN	1/6/04	Water	CT&E	CN	1/13/04
NPDES Sampling	A5371RTM	1/6/04	Water	CT&E	Metals(10)	1/13/04
NPDES Sampling	A5375C	1/6/04	Water	CT&E	Acute Toxicity Test	1/19/04
NPDES Sampling	A5375CCN	1/6/04	Water	CT&E	CN	1/13/04
NPDES Sampling	A5375CDM	1/6/04	Water	CT&E	Filtered Metals(8)	1/13/04

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

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
NPDES Sampling	A5375CTM	1/6/04	Water	CT&E	Metals(10)	1/13/04
NPDES Sampling	JAN04WK1	12/30/03	Water	CT&E	Cu, Pb, Zn	1/7/04
NPDES Sampling	JAN04WK3	1/13/04	Water	CT&E	Cu, Pb, Zn	1/19/04
NPDES Sampling	JAN04WK4	1/20/04	Water	CT&E	Cu, Pb, Zn	1/26/04
NPDES Sampling	JAN04WK5	1/27/04	Water	CT&E	Cu, Pb, Zn	

TABLE A-2
DATA RECEIVED DURING JANUARY 2004

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

Parameter / Sample ID: / Date Collected:	001-A5368 01/05/04	001-A5370 01/05/04	001-A5376 01/06/04	004-A5352 01/03/04	004-A5355 01/03/04	005-A5346/A5347 12/30/03	005-A5378/A5379 01/06/04	005-A5386/A5387 01/13/04
Volatile Organics								
None Detected	NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered								
Aroclor-1254	NA	0.00015	NA	NA	0.00068	0.000099	0.00015	ND(0.000065)
Aroclor-1260	NA	0.000045 J	NA	NA	0.00031	0.000096	0.000063 J	ND(0.000065)
Total PCBs	NA	0.000195	NA	NA	0.00099	0.000195	0.000213	ND(0.000065)
Semivolatile Organics								
None Detected	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals								
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	ND(2.0)	NA
Oil & Grease	3.6 B	NA	NA	2.4 B	NA	NA	NA	NA
Total Suspended Solids	NA	NA	5.00	NA	NA	NA	ND(5.00)	NA

TABLE A-2
DATA RECEIVED DURING JANUARY 2004

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

Parameter / Sample ID: / Date Collected:	005-A5394/A5395 01/20/04	05A-A5357 01/03/04	05A-A5359 01/03/04	006-A5360 01/03/04	006-A5362 01/03/04	007-A5356 01/03/04	09B-A5339 12/24/03	09B-A5340 12/26/03	09B-A5349 12/30/03
Volatile Organics									
None Detected	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered									
Aroclor-1254	0.000048 J	NA	0.00099	NA	0.0026	0.000070	NA	NA	NA
Aroclor-1260	0.000032 J	NA	0.00071	NA	0.0046	0.000040 J	NA	NA	NA
Total PCBs	0.000080 J	NA	0.0017	NA	0.0072	0.00011	NA	NA	NA
Semivolatile Organics									
None Detected	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)	NA	NA	NA	NA	NA	NA	NA	2.5	ND(2.0)
Oil & Grease	NA	1.8 B	NA	4.6 B	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	6.00	NA	7.00

TABLE A-2
DATA RECEIVED DURING JANUARY 2004

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

Parameter / Sample ID: / Date Collected:	09B-A5363 01/04/04	09B-A5380 01/06/04	09C-A5350 12/30/03	09C-A5372 01/05/04	09C-A5374 01/05/04	64G-A5343 12/29/03	64G-A5366 01/05/04	64G-A5383 01/12/04	64G-A5388 01/13/04
Volatile Organics									
None Detected	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered									
Aroclor-1254	NA	NA	NA	NA	0.00011	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	0.000052 J	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	0.000162	NA	NA	NA	NA
Semivolatile Organics									
None Detected	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	ND(2.0)	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	ND(5.0)	1.8 B	NA	ND(5.0)	ND(5.0)	ND(5.0)	NA
Total Suspended Solids	9.00	NA	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING JANUARY 2004

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

Parameter / Sample ID: / Date Collected:	64G-A5389 01/13/04	64G-A5392 01/19/04	64T-A5345 12/29/03	64T-A5364 01/05/04	64T-A5381 01/12/04	64T-A5390 01/19/04	A5371RCN 01/06/04	A5371RTM 01/06/04	A5375CCN 01/06/04
Volatile Organics									
None Detected	--	NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered									
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics									
None Detected	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	0.0650 B	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	0.00250	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	11.0	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	0.00310 B	NA
Copper	NA	NA	NA	NA	NA	NA	NA	0.00400 B	NA
Cyanide	NA	NA	NA	NA	NA	NA	ND(0.0200)	NA	0.0490
Lead	NA	NA	NA	NA	NA	NA	NA	ND(0.00500)	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	3.80	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	0.00340 B	NA
Silver	NA	NA	NA	NA	NA	NA	NA	0.00440 B	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	0.00840 B	NA
Inorganics-Filtered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals									
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	ND(5.0)	2.0 B	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING JANUARY 2004

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

Parameter / Sample ID: / Date Collected:	A5375CDM 01/06/04	A5375CTM 01/06/04	JAN04WK1 12/30/03	JAN04WK3 01/13/04	JAN04WK4 01/20/04
Volatile Organics					
None Detected	NA	NA	NA	NA	NA
PCBs-Unfiltered					
Aroclor-1254	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA
Semivolatile Organics					
None Detected	NA	NA	NA	NA	NA
Inorganics-Unfiltered					
Aluminum	NA	0.0820 B	NA	NA	NA
Cadmium	NA	ND(0.00100)	NA	NA	NA
Calcium	NA	59.0	NA	NA	NA
Chromium	NA	0.00150 B	NA	NA	NA
Copper	NA	0.00880	0.00300 B	0.00520	0.00320 B
Cyanide	NA	NA	NA	NA	NA
Lead	NA	0.00430 B	ND(0.00500)	ND(0.00500)	ND(0.00500)
Magnesium	NA	23.0	NA	NA	NA
Nickel	NA	0.00290 B	NA	NA	NA
Silver	NA	0.00240 B	NA	NA	NA
Zinc	NA	0.0370	0.0160 B	0.00980 B	0.00760 B
Inorganics-Filtered					
Aluminum	ND(0.100)	NA	NA	NA	NA
Cadmium	ND(0.00100)	NA	NA	NA	NA
Chromium	ND(0.00500)	NA	NA	NA	NA
Copper	0.00580	NA	NA	NA	NA
Lead	ND(0.00500)	NA	NA	NA	NA
Nickel	ND(0.00500)	NA	NA	NA	NA
Silver	0.00200 B	NA	NA	NA	NA
Zinc	0.0300	NA	NA	NA	NA
Conventionals					
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA

Notes:

1. Samples were collected by General Electric Company, and were submitted to CT&E Environmental Services, Inc. for analysis of volatiles, PCBs, semivolatiles, cyanide, TSS, BOD, oil & grease, and metals (filtered and unfiltered).
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. With the exception of inorganics and conventional parameters only those constituents detected in one or more samples are summarized.
5. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics and Conventional Parameters

B - Analyte was also detected in the associated method blank.

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

Inorganics

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

TABLE A-3
DATA RECEIVED DURING JANUARY 2004

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

Parameter / Sample ID: / Date Collected:	DEC03WK4 12/23/03
Inorganics-Unfiltered	
Copper	0.00620

Notes:

1. This result has been revised by the laboratory and supersede result reported in Table A-2 of the December 2003 CD Monthly Report.

Attachment B

NPDES Discharge Monitoring Reports
December 2003

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

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: WILLIAM FESSLER, MGR, EHS&F

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

OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	001 1

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

	MONITORING PERIOD					
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	12	01	TO	03	12	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			
PH	SAMPLE MEASUREMENT	******	******		8.3	******	8.5	(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	3.6	3.6	(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	******	0	(26) LBS/DY	******	******	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	******	0.0002	(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	0.254	1.795	(03) MGD	******	******	******		0	99/99	RC
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	1.10 MO AVG	2.55 DAILY MX	MGD	******	******	******	**** ****		CONTINUOUS	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	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	1	21
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

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

SAMPLE AT THE DISCHARGE FROM OIL/WATER SEPERATOR.

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

NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: WILLIAM FESSLER, MGR, EHS&F

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

OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	004 1

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	12	01	TO	03	12	31

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

*** 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	******	******		7.9	******	8.6	(12) SU	0	01/DW	GR
00400 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-C
OIL & GREASE	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	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	******	0.00001	(26) LBS/DY	******	******	******		0	01/90	GR
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	0.009	0.075	(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	1	21
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: WILLIAM FESSLER, MGR, EHS&F

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

OMB No. 2040-0004

MA0003891 — PERMIT NUMBER
005 1 — DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	12	01	TO	03	12	31

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

*** NO DISCHARGE | | ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG. C) 00310 T 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*******	*******	*******		0	01/30	CP
	PERMIT REQUIREMENT	90 MO AVG	135 DAILY MX	LBS/DY	*******	*******	*******	**** ****		ONCE/ MONTH	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 T 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	*******	*******	*******		0	01/30	CP
	PERMIT REQUIREMENT	188 MO AVG	270 DAILY MX	LBS/DY	*******	*******	*******	**** ****		ONCE/ MONTH	COMPOS
OIL & GREASE 00556 T 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	*******	12.8	(26) LBS/DY	*******	*******	3.1	(19) MG/L	0	01/07	GR
	PERMIT REQUIREMENT	*******	135 DAILY MX	LBS/DY	*******	*******	15 DAILY MX	MG/L		WEEKLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS) 39516 T 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.0004	0.0005	(26) LBS/DY	*******	*******	*******		0	01/07	CP
	PERMIT REQUIREMENT	0.01 MO AVG	0.03 DAILY MX	LBS/DY	*******	*******	*******	**** ****		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 T 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.313	0.648	(03) MGD	*******	*******	*******		0	99/99	RC
	PERMIT REQUIREMENT	2.09 MO AVG	2.09 DAILY MX	MGD	*******	*******	*******	**** ****		CONTINUOUS	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 494-3500	2004 1 21
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE NUMBER	YEAR MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
SEE PAGE 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: WILLIAM FESSLER, MGR, EHS&F

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

OMB No. 2040-0004

MA0003891 — PERMIT NUMBER
064 T — DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	12	01	TO	03	12	31

*** NO DISCHARGE | __ | ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH	SAMPLE MEASUREMENT	******	******		7.0	******	8.2	(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

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	1	21
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: WILLIAM FESSLER, MGR, EHS&F

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

OMB No. 2040-0004

MA0003891	064 G
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	12	01	TO	03	12	31

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

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH	SAMPLE MEASUREMENT	******	******		7.3	******	7.4	(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
BASE NEUTRALS & ACID (METHOD 625), TOTAL	SAMPLE MEASUREMENT	******	******		******	0	0	(19) MG/L	0	01/90	GR
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	******	******		******	0	0	(19) MG/L	0	01/90	GR
78732 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

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	1	21
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: WILLIAM FESSLER, MGR, EHS&F

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

OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	007 1

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

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	12	01	TO	03	12	31

*** 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
TEMPERATURE, WATER DEG. FAHRENHEIT	SAMPLE MEASUREMENT	******	******		******	50	50	(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	******	******		7.8	******	8.2	(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	******	******		******	0	0	(21) PPB	0	01/90	GR
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	0.012	0.073	(03) MGD	******	******	******		0	23/30	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

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	1	21

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: WILLIAM FESSLER, MGR, EHS&F

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

OMB No. 2040-0004

MA0003891	009 1
PERMIT NUMBER	DISCHARGE NUMBER

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

	MONITORING PERIOD						
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	12	01	TO	03	12	31

*** 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
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	0.8	3.3	(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	******	******		7.5	******	7.9	(12) SU	0	01/DW	GR
00400 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-C
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	0.4	1.5	(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	******	0	(26) LBS/DY	******	******	0	(19) MG/L	0	01/DW	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	******	******		******	0	0	(19) MG/L	0	01/90	GR
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	0.026	0.293	(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	CERTIFICATION	SIGNATURE	TELEPHONE	DATE
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	413 (AREA CODE) 494-3500 (NUMBER)	2004 (YEAR) 1 (MO) 21 (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: WILLIAM FESSLER, MGR, EHS&F

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

MA0003891 PERMIT NUMBER — 009 A DISCHARGE NUMBER

MONITORING PERIOD: FROM YEAR 03 MO 12 DAY 01 TO YEAR 03 MO 12 DAY 31

OMB No. 2040-0004

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

*** 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
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	~~NODI C~~ NODI C	~~NODI C~~ NODI C	(26)	******	******	******				
00310 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	NODI C	NODI C	(26)	******	******	******				
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	NODI C	NODI C	(03)	******	******	******				
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.

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	1	21
AREA CODE	NUMBER	YEAR	MO	DAY

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

SEE PAGE 11 OF PERMIT. SEE DMR 0091. SAMPLE AT 09A.

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: WILLIAM FESSLER, MGR, EHS&F

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

OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	009 B

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	12	01	TO	03	12	31

*** 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
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	0.8	3.3	(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	0.4	1.5	(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	0.026	0.293	(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.

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	1	21
AREA CODE	NUMBER	YEAR	MO	DAY

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

SEE PAGE 11 OF PERMIT. SEE DMR 0091; SAMPLE AT 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: WILLIAM FESSLER, MGR, EHS&F

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

Form Approved.
OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	SUM A

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	12	01	TO	03	12	31

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

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	******	0.1	(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	******	0.05	(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	(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.

TYPED OR PRINTED

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Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	494-3500	2004	1	21
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 LOCATION: GENERAL ELECTRIC COMPANY
PITTSFIELD MA 01201
ATTN: WILLIAM FESSLER, MGR, EHS&F

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

OMB No. 2040-0004

MA0003891 — PERMIT NUMBER

SUM A — DISCHARGE NUMBER

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

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	12	01	TO	03	12	31

*** NO DISCHARGE | __ | ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
CHROMIUM TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	01/30	CP
01118 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
COPPER TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0.03	(26) LBS/DY	******	******	******		0	01/07	CP
01119 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
CYANIDE, TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0.09	(26) LBS/DY	******	******	******		0	01/30	CP
78248 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	NUMBER	DATE YEAR	MO	DAY
413	494-3500	2004	1	21

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

COMPOSITE PROPORTIONATE TO FLOW.

ERMITTEE NAME/ADDRESS (Include Facility Name/ Location if Different)
AME GENERAL ELECTRIC CORPORATION
DDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
ACILITY GENERAL ELECTRIC COMPANY
OCATION PITTSFIELD MA 01201
ATTN: WILLIAM FESSLER, MGR, EHS&F

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

OMB No. 2040-0004

MA0003891 — PERMIT NUMBER

SUM B — DISCHARGE NUMBER

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

MONITORING PERIOD: FROM YEAR 03 MO 12 DAY 01 TO YEAR 03 MO 12 DAY 31

*** 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
NOAEL STATRE 48HR AC D. PULEX TDM3D 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		~~NODI(9)~~ MTC NODI [9]	******	******	(23)			
	PERMIT REQUIREMENT	******	******	**** ****	35 DAILY MN	******	******	PER-CENT		ONCE/ MONTH	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
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	1	21
AREA CODE	NUMBER	YEAR	MO	DAY

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

MONTHLY DRY WEATHER TESTING. COMPOSITE PROPORTIONATE TO FLOW. FOR JULY, AUG., SEPT. REPORT ACUTE AND CHRONIC. SEE DMR SUMC FOR QUARTERLY WET WEATHER ACUTE. SUBMIT THIS DMR WITH A NODI '9' WHEN SUBMITTING ~~WET WEATHER RESULTS ON DMR SUMC.~~

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: WILLIAM FESSLER, MGR, EHS&F

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

OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	SUM C

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

MONITORING PERIOD	YEAR	MO	DAY
FROM	03	10	01
TO	03	12	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			
NOAEL STATRE 48HR AC U D. PULEX	SAMPLE MEASUREMENT	******	******		100	******	******	(23) %	0	01/30	CP
TDM3D 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	REPORT DAILY MN	******	******	PER-CENT		QTRLY	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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	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	1	21
AREA CODE	NUMBER	YEAR	MO	DAY

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

QUARTERLY WET WEATHER ACUTE. COMPOSITE PROPORTIONATE TO FLOW. SEE DMR SUMB FOR DRY WEATHER TESTING.
SUBMIT THIS DMR WITH A NODI '9' WHEN SUBMITTING DRY WEATHER ON DMR SUMB.

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: WILLIAM FESSLER, MGR. EHS&F

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

MA0003891 PERMIT NUMBER | 001 A DISCHARGE NUMBER

MONITORING PERIOD: FROM YEAR 03 MO 10 DAY 01 TO YEAR 03 MO 12 DAY 31

OMB No. 2040-0004

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

*** 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
PH	SAMPLE MEASUREMENT	******	******		7.3	******	7.3	(12) SU	0	01/90	GR
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-C
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	0	(20) PPM	0	01/90	GR
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	0.3	(21) PPB	0	01/90	GR
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.144	(03) MGD	******	******	******		0	01/90	ES
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	**** ****		QTRLY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 413 494-3500 (AREA CODE, NUMBER)

DATE: 2004 1 21 (YEAR, MO, DAY)

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

QUARTERLY. SAMPLE AT POINT OF DISCHARGE.

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: WILLIAM FESSLER, MGR. EHS&F

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

PERMIT NUMBER: MA0003891 | DISCHARGE NUMBER: 005 A

MONITORING PERIOD: FROM YEAR 03 MO 10 DAY 01 TO YEAR 03 MO 12 DAY 31

Form Approved.
OMB No. 2040-0004

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

*** 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
PH	SAMPLE MEASUREMENT	******	******		8.0	******	8.0	(12) SU	0	01/90	GR
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-C
PH	SAMPLE MEASUREMENT	******	******		NODI C	******	NODI C	(12)			
00400 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-C
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	2.8	(20) PPM	0	01/90	GR
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	NODI C	(20)			
00556 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	1.4	(21) PPB	0	01/90	GR
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	NODI C	(21)			
39516 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	2.40	(03) MGD	******	******	******		0	01/90	ES
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	**** ****		QTRLY	ESTIMA

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 AREA CODE	NUMBER	DATE YEAR	MO	DAY
413	494-3500	2004	1	21

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

QUARTERLY. SAMPLE AT POINT OF DISCHARGE. SEE PAGES 16-17 FOR WET WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'S'. SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING ~~LOCATION OF 'U'. IF NO DISCHARGE USE '9'.~~

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 LOCATION GENERAL ELECTRIC COMPANY
PITTSFIELD MA 01201
ATTN: WILLIAM FESSLER, MGR, EHS&F

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

OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	005 A

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

	YEAR	MO	DAY		YEAR	MO	DAY
MONITORING PERIOD FROM	03	10	01	TO	03	12	31

*** NO DISCHARGE | __ | ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	NODI [C]	(03)	******	******	******				
50050 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	**** ****		QTRLY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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

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	1	21
AREA CODE	NUMBER	YEAR	MO	DAY

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

QUARTERLY. SAMPLE AT POINT OF DISCHARGE. SEE PAGES 16-17 FOR WET WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'S'. SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING ~~LOCATION OF 'U', IF NO DISCHARGE USE '9'.~~

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: WILLIAM FESSLER, MGR, EHS&F

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

MA0003891 — PERMIT NUMBER

005 B — DISCHARGE NUMBER

OMB No. 2040-0004

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

	MONITORING PERIOD						
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	10	01	TO	03	12	31

*** 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	******	******		8.1	******	8.1	(12) SU	0	01/90	GR
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-C
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	2.9	(20) PPM	0	01/90	GR
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	3.0	(21) PPB	0	01/90	GR
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	1.296	(03) MGD	******	******	******		0	01/90	ES
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	**** ****		QTRLY	ESTIMA
	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	1	21
AREA CODE	NUMBER	YEAR	MO	DAY

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

QUARTERLY. SAMPLE AT POINT OF DISCHARGE.

Form Approved.
OMB No. 2040-0004

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

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: WILLIAM FESSLER, MGR, EHS&F

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	006 1

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	10	01	TO	03	12	31

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

*** NO DISCHARGE | __ | ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		7.8	******	7.8	(12) SU	0	01/90	GR
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-C
PH	SAMPLE MEASUREMENT	******	******		NODI [C]	******	NODI [C]	(12)			
00400 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-C
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	0	(20) PPM	0	01/90	GR
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	NODI [C]	(20)			
00556 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	0.26	(21) PPB	0	01/90	GR
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	NODI [C]	(21)			
39516 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.037	(03) MGD	******	******	******		0	01/90	ES
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	**** ****		QTRLY	ESTIMA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE (AREA CODE / NUMBER)	DATE (YEAR / MO / DAY)
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	413 494-3500	2004 1 21

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
QUARTERLY. SAMPLE AT POINT OF DISCHARGE. SEE PAGES 16-17 FOR WET WEATHER REQUIREMENTS. FOR LIMITS WITH MONITORING LOCATION OF 'S'. SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'U'. ~~IF NO DISCHARGE USE '9'.~~

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

AME GENERAL ELECTRIC CORPORATION
DDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
ACILITY GENERAL ELECTRIC COMPANY
OCATION PITTSFIELD MA 01201
ATTN: WILLIAM FESSLER, MGR, EHS&F

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

OMB No. 2040-0004

MA0003891	006 1
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	10	01	TO	03	12	31

*** 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
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 U 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	NODI [C] MTC	(03)	******	******	******				
	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	**** ****		QTRLY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	CERTIFICATION	SIGNATURE	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	1	21
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

OMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

QUARTERLY. SAMPLE AT POINT OF DISCHARGE. SEE PAGES 16-17 FOR WET WEATHER REQUIREMENTS. FOR LIMITS WITH MONITORING LOCATION OF 'S'. SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION ~~OF 'U'. IF NO DISCHARGE USE '9'.~~

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: WILLIAM FESSLER, MGR, EHS&F

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

OMB No. 2040-0004

MA0003891	006 A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	10	01	TO	03	12	31

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

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

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH	SAMPLE MEASUREMENT	******	******		7.8	******	7.8	(12) SU	0	01/90	GR
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-C
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	2.7	(20) PPM	0	01/90	GR
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	0.6	(21) PPB	0	01/90	GR
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.007	(03) MGD	******	******	******		0	01/90	ES
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	**** ****		QTRLY	ESTIMA
	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	1	21
AREA CODE	NUMBER	YEAR	MO	DAY

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

QUARTERLY. SAMPLE AT POINT OF DISCHARGE.

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

00252/030108-0919 This is a 1-page form.

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: WILLIAM FESSLER, MGR, EHS&F

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

OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	009 D

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	10	01	TO	03	12	31

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

*** 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
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00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(21)			
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	PERMIT REQUIREMENT										

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

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

TELEPHONE: 413 494-3500 (AREA CODE, NUMBER)

DATE: 2004 1 21 (YEAR, MO, DAY)

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

QUARTERLY. SAMPLE AT POINT OF DISCHARGE.

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: WILLIAM FESSLER, MGR, EHS&F

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

OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	SRD 1

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	10	01	TO	03	12	31

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

*** 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
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	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	1	21
AREA CODE	NUMBER	YEAR	MO	DAY

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

SAMPLE AT POINT OF DISCHARGE.

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: WILLIAM FESSLER, MGR, EHS&F

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

OMB No. 2040-0004

MA0003891 — PERMIT NUMBER
SRO 2 — DISCHARGE NUMBER

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

MONITORING PERIOD	YEAR	MO	DAY
FROM	03	10	01
TO	03	12	31

*** 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
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	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

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Mgr. Pittsfield Remediation Prog.

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Michael T. Carroll

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TELEPHONE		DATE		
413	494-3500	2004	1	21
AREA CODE	NUMBER	YEAR	MO	DAY

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

SAMPLE AT POINT OF DISCHARGE.

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 LOCATION GENERAL ELECTRIC COMPANY
PITTSFIELD MA 01201
ATTN: WILLIAM FESSLER, MGR, EHS&F

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

OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	SRO 3

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	10	01	TO	03	12	31

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

*** NO DISCHARGE | __ | ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
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	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

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Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	NUMBER	DATE YEAR	MO	DAY
413	494-3500	2004	1	21

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

SAMPLE AT POINT OF DISCHARGE.

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

AME GENERAL ELECTRIC CORPORATION
DDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
ACILITY GENERAL ELECTRIC COMPANY
OCATION PITTSFIELD MA 01201
ATTN: WILLIAM FESSLER, MGR, EHS&F

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

OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	SRD 4

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	10	01	TO	03	12	31

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

*** NO DISCHARGE | | ***

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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
PH	SAMPLE MEASUREMENT	******	******		8.8	******	8.8	(12) SU	0	01/90	GR
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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Michael T. Carroll
Mgr. Pittsfield Remediation Prog.
TYPED OR PRINTED

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AREA CODE	NUMBER	YEAR	MO	DAY

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

SAMPLE AT POINT OF DISCHARGE.

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

AME GENERAL ELECTRIC CORPORATION
DDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
ACILITY GENERAL ELECTRIC COMPANY
OCATION PITTSFIELD MA 01201
ATTN: WILLIAM FESSLER, MGR, EHS&F

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

OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	SRO 5

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	10	01	TO	03	12	31

*** 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
PH	SAMPLE MEASUREMENT	******	******		NODI [E]	******	NODI [E]	(12)			
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IAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	494-3500	2004	1	21
AREA CODE	NUMBER	YEAR	MO	DAY

OMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

SAMPLE AT POINT OF DISCHARGE.

Attachment C

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

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

SGS

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

Samples collected in January 2004

Submitted to:

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

SGS Sample ID: TA4-A0-P057

Study Director: Ken Holliday

15 January 2004

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

SGS

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.cteesi.com

Ken Holliday — January 15, 2004
Date

Ken Holliday
Study Director
kholliday@sgsenvironmental.com

Nancy A. Staab — January 15, 2004
Date

Nancy A. Staab
Technical Writer
nancy_staab@sgs.com

Peter Farrell — January 15, 2004
Date

Peter Farrell
Project Manager
pfarrell@sgsenvironmental.com

SGS

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: January 15, 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-A0-P057
Test Material:	Composite effluent from the General Electric Company located in Pittsfield, Massachusetts
GE Sample ID:	A5375C
Dilution Water:	Water from the Housatonic River (grab sample)
GE Sample ID:	A5371R
Dates Collected:	January 5, 2004 to January 6, 2004
Date Received:	January 7, 2004
Test Dates:	January 7, 2004 to January 9, 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 January 7, 2004 to January 9, 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 (A5375C) was collected by GE personnel from January 5, 2004 to January 6, 2004. Upon receipt at SGS on January 7, 2004, the sample temperature was 3.1° C. The effluent sample was characterized as having

Parameter	Result
Total Hardness	290
Alkalinity (as $CaCO_3$)	271
pH	8.01
Specific Conductance	1820
Dissolved Oxygen Concentration*	9.18

*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 (A5371R) was collected by General Electric personnel on January 6, 2004. Upon receipt at SGS on January 7, 2004, the sample temperature was 3.1°C. The dilution water was characterized as having

Parameter	Result
Total Hardness	120
Alkalinity (as $CaCO_3$)	25
pH	6.45
Specific Conductance	141
Dissolved Oxygen Concentration*	8.96

*Dissolved oxygen concentration was recorded after sample was aerated and warmed to approximately 20°C).

The dilution water sample was observed to be slightly cloudy with a straw color.

2.4 Reference Control Water

Water used in the reference control vessels was deionized (DI) water adjusted to the appropriate hardness (moderately hard reconstituted water) by the addition of reagent grade chemicals (U.S. EPA, 1993). Characterization of this water resulted in:

Parameter	Result
Total Hardness	110
Alkalinity (as $CaCO_3$)	69
pH	7.08
Specific Conductance	312
Dissolved Oxygen	8.74

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

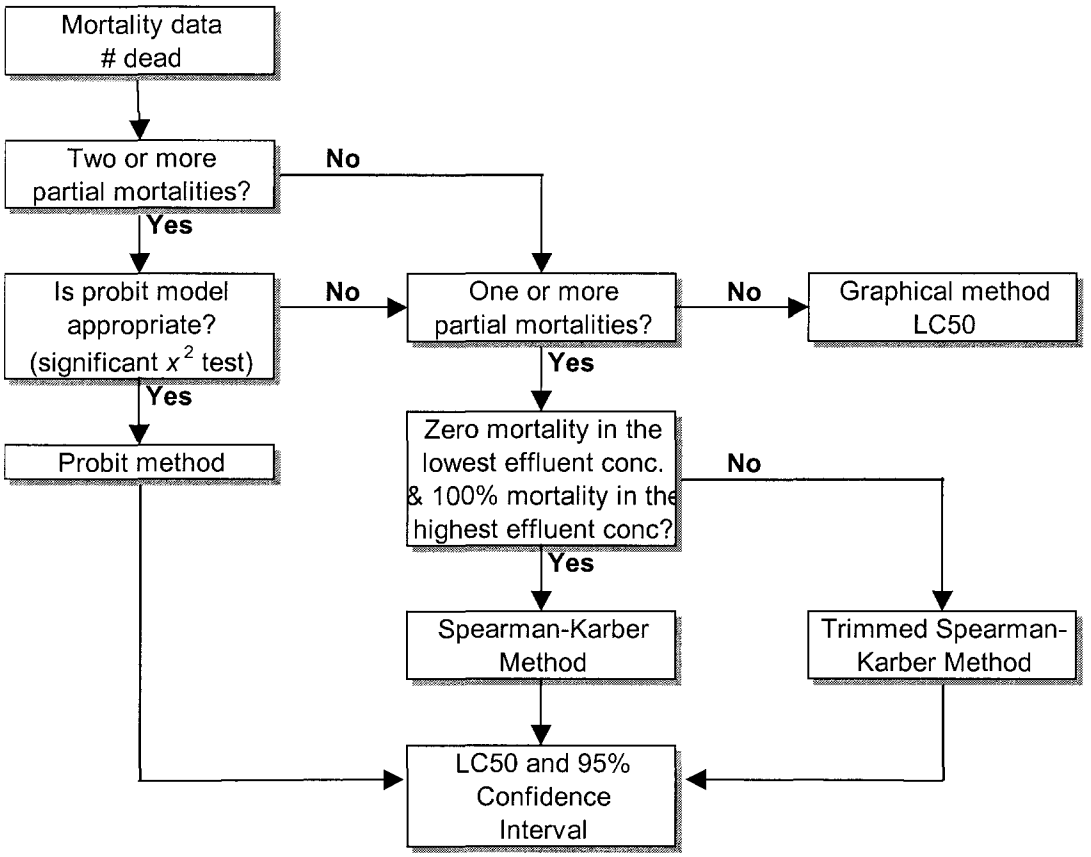
A 48-hour reference toxicity test exposing *Daphnia pulex* to sodium chloride (NaCl) was conducted from January 8, 2004 to January 10, 2004. The reference test was conducted to establish the health of the test organisms. The reference toxicity test included five NaCl concentrations and a dilution water control (moderately hard reconstituted water). The nominal NaCl concentrations for the test with *Daphnia pulex* ranged from 625 to 10,000 mg of NaCl/L. Test methods were the same as those described above for the effluent test.

3.0 Statistics

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

The No-Observable-Acute-Effect-Level (NOAEL) was estimated for the acute toxicity test, and is defined as the highest concentration of effluent that produced $\geq$ 90% survival.

Flowchart 1. Determination of the LC50 from a Multi-Effluent-Concentration Acute Toxicity Test



Flowchart for determination of the LC50 for multi-effluent-concentration acute toxicity tests.

4.0 Results

4.1 Effluent Toxicity Test

The methods and detection limits of chemical analyses performed on the composite effluent sample and dilution water are summarized in Table 1. Results of the characterization and analysis of the effluent and the dilution water are presented in Table 2. Water quality parameters measured during the toxicity test are presented in Table 3. Daily and continuous monitoring of the test solutions established the temperature ranged from 19°C to 21°C throughout the exposure period. The effluent concentration was tested (expressed as %) and the corresponding percent mortalities recorded during the 48-hour toxicity test are presented in Table 4. Significant toxicity was not demonstrated in this examination. Based on the results of this study, the 48-hour LC_{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 January 8, 2004 to January 10, 2004, and the resulting 48-hour LC50 was estimated by Trimmed Spearman-Karber Method to be 2253 mg NaCl/L (95% confidence intervals of 1908 to 2661 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	0.5 mg/L
Chloride	EPA 325.2	1.0 mg/L
Total Organic Carbon	EPA 415.1	0.1 mg/L
Total Solids	EPA 160.3	5.0 mg/L
Phosphorus, Total as P	EPA 365.2	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 (A5375C)	Housatonic River (A5371R)
Temperature	20.7°C	20.7°C
PH	8.01	6.45
Alkalinity (as $CaCO_3$)	271 mg/L	25 mg/L
Hardness (as $CaCO_3$)	290 mg/L	120 mg/L
Dissolved Oxygen	9.18 mg/L	8.96 mg/L
Specific Conductivity	1820 μmhos/cm	141 μmhos/cm
Salinity	N/A	N/A
Total Residual Chlorine	ND	ND
Ammonia as N (0-Hour)	ND	ND
Total Phosphorus as P	0.020 mg/L	ND
Chloride	730 mg/L	16 mg/L
Total Suspended Solids	6.0 mg/L	ND
Total Solids	1200 mg/L	90 mg/L
Total Organic Carbon	5.8 mg/L	4.4 mg/L
Description	Clear and colorless	Slightly cloudy, straw color

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	7.08	7.15	7.23	8.74	8.62	8.59	20.7	20.1	20.5
Secondary Ref Control	7.14	7.19	7.28	8.82	8.02	8.22	20.7	20.1	20.5
Dilution Water Control	6.45	6.58	6.67	8.96	8.84	8.74	20.7	20.1	20.5
5% Effluent	6.59	6.71	6.84	8.94	8.18	8.07	20.7	20.1	20.5
15% Effluent	6.73	6.82	6.97	9.01	8.84	7.97	20.7	20.1	20.5
35% Effluent	6.97	7.12	7.30	9.04	8.92	8.12	20.7	20.1	20.5
50% Effluent	7.34	7.47	7.55	9.02	8.97	8.19	20.7	20.1	20.5
75% Effluent	7.73	7.72	7.80	9.08	8.83	8.08	20.7	20.1	20.5
100% Effluent	8.01	7.92	7.98	9.18	8.78	8.12	20.7	20.1	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

022

Appendix I

References

CT&E Environmental Services Inc.

Standard Operating Procedure

023

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**

Document Control Number: 7002.

Approved by: _____ Supervisor — Date: 10/21/98

Approved by: _____ QA/QC Officer — Date: 10/20/98

1.0 SUMMARY

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

2.0 REFERENCES

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

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

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

3.0 SCREENING

3.1 Test Duration

24 Hours, 48 Hours or 96 Hours.

3.2 Test Preparation

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

effluent is dechlorinated and the other is not (Dechlorination may be prohibited; permit is checked to determine if dechlorination is allowed). The effluent is dechlorinated by the addition of anhydrous sodium thiosulfate. The measured amount is recorded on the bench sheet. Care is taken to add the least amount of sodium thiosulfate needed to decrease the TRC level below 0.10 mg/L. Typically, adjustment of effluent is unnecessary.

3.2.2 Twenty organisms per concentration are used in acute screening tests.

3.2.3 This is a static, non-renewal test, using *Ceriodaphnia dubia, Daphnia pulex, Daphnia magna*, or *Pimephales promelas* (Fathead minnow).

3.2.4 Water quality (D.O., pH, conductivity, hardness, alkalinity and TRC), is measured at the time of test initiation. At test termination, temperature, D.O. conductivity and pH are measured. The final mortality and percent effected counts are recorded. Temperature is maintained at 25°± 1°C for *Daphnia*, and 20° ± 1°C for fathead minnows. Facilities exist to perform both fish and *Daphnia* tests at either temperature.

3.3 Test Results

No statistical analysis is performed on screening data.

4.0 DEFINITIVE TEST

4.1 *Pimephales promelas* (Fathead Minnows)

4.1.1 Test Duration

48-Hours or 96-Hours

4.1.2 Static non-renewal

4.1.3 Test Preparation

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

4.1.3.2 The sample is brought up to test temperature in a room temperature water bath. Chemical parameters are checked and

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

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

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

4.1.4 Loading

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

4.1.5 Test Temperature

20° C (± 1)

4.1.6 Daily Procedures

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

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

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

4.1.7 Feeding

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

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

4.2.1 Test Duration

48-Hours

4.2.2 Static Non-renewal

4.2.3 Test Preparation

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

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

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

4.2.4 Loading

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

4.2.5 Test Temperature

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

4.2.6 Daily Procedure

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

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

4.2.7 Photoperiod

16 hours light, 8 hours dark.

4.2.8 Feeding

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

5.0 TEST DATA

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

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

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

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

5.1.4 Any atypical behavior or complications are recorded.

6.0 DATA ANALYSIS

6.1 Introduction

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

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

6.2 Methods for Estimating the LC50 & EC50

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

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

7.0 REPORT PREPARATION

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

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

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

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

7.1.4 Reference Toxicity Data

CT&E Environmental Services Inc.

Standard Operating Procedure

029

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

Document Control Number: 7005

Approved by: Ken Halliday (Supervisor) 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.

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.

6.0 Synthetic Sea Water Preparation

6.1 Fill a clean carboy with dechlorinated water to approximately the 25-gallon mark.

6.2 The newly filled carboy should be checked for the presence of chlorine and the results recorded on the saltwater carboy log sheet. If chlorine is present, two 4-inch airstones (adjusted to a moderately heavy air flow) should be introduced and the water aerated until a level of <0.01 mg/L is reached.

6.3 A sufficient amount of synthetic salt is added to the carboy to obtain the required salinity (usually 20 ppt).

6.4 All information should be logged on the Saltwater Carboy log sheet.

CT&E Environmental Services Inc.

Standard Operating Procedure

032

Document Title: Culture of *Daphnia*
Method Reference: CT&E/USEPA
Document File Name: 7006-05.DOC
Revision Number: 5.0
Effective Date: March 12, 2001

Document Control Number: 7006

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

Approved by: Lynda 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.

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.

5.2 Cerophyll®

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

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

5.2.3 Retain supernatant for combined YCT food.

5.3 Yeast

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

5.3.2 Do not allow mixture to settle.

5.4 Combined YCT Food

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

5.4.2 Pour well mixed YCT into small screw cap bottles. Freeze until needed.

CT&E Environmental Services Inc.

Standard Operating Procedure

035

Document Title:	**Reference Toxicant Testing**
Method Reference:	**CT&E/USEPA**
Document File Name:	**7008-05.DOC**
Revision Number:	**5.0**
Effective Date:	**March 12, 2001**

Document Control Number: 7008

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

Approved by: (QA/QC Officer) 3/23/2001 (Date)

1.0 Summary

To insure that healthy organisms are used in testing, CT&E performs monthly QA/QC tests on all in-house cultured organisms. CT&E uses Sodium Chloride as a reference toxicant.

2.0 *Pimephales promelas*

2.1 48 hour static acute toxicity tests are run at 20°C (±1°C) using fish 1 to 14 days old.

2.2 This test consists of a control and a dilution series of 10g/L, 9g/L, 8g/L, 7g/L, and 6g/L, of sodium chloride. Other dilution series may be used.

2.3 The dilutions are prepared in 800 ml disposable plastic beakers using moderately hard synthetic water. 500 mls of test solution is placed in each of two replications. Water quality values are measured and recorded at this time.

2.4 Ten organisms are placed in each replicate. Fish are loaded by first siphoning them into a shallow pan from which they are transferred to the beakers with a large bore pipette.

2.5 The test is terminated at 48 hours. At this time, mortalities are recorded along with final water quality data.

3.0 Daphnids *(Ceriodaphnia dubia, Daphnia magna, Daphnia pulex)*

3.1 48 hour static acute tests are performed at 25°C (±1°C) using organisms less than 24 hours old.

3.2 These tests consist of a control and a five dilution series. The concentration of the reference toxicant is varied depending on species.

3.2.1 *Ceriodaphnia dubia, Daphnia pulex:* 10, 5, 2.5, 1.25, 0.625 grams/L

3.2.2 *Daphnia magna:* 10, 5, 2.5, 1.25, 0.625 grams/L

3.3 Dilutions are prepared using moderately hard synthetic water. 20 mls of each dilution are placed in each of 5 plastic medicine cups.

3.4 Four organisms are placed in each test vessel. The *Daphnids* are loaded with a disposable plastic pipette. Organisms are gently released below the surface of the water to minimize risk of injury.

3.5 The test is terminated at 48 hours. At this time, mortalities are recorded along with final water quality data.

4.0 Data Analysis

4.1 Toxicity tests are conducted on a monthly basis.

4.2 The LC_{50} is calculated according to EPA protocols.

4.3 Results from these tests are incorporated into Q-sum charts. These records are kept in monthly files.

CT&E Environmental Services Inc.

Standard Operating Procedure

037

Document Title:	**Sample Handling for Aquatic Toxicity Testing**
Method Reference:	**CT&E/USEPA**
Document File Name:	**7009-04.DOC**
Revision Number:	**4.0**
Effective Date:	**October 20, 1998**

Document Control Number: 7009

Approved by: _____ Supervisor — Date: 10/21/98

Approved by: _____ 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.

2.6 Sample Holding Time

Samples will be tested within 24 hours upon receipt in the laboratory. The maximum lapsed time for collection of a grab or composite sample and the initiation of test, or for test solution renewal, will not exceed 36-hours for Chronic and Acute Testing.

3.0 LABORATORY ENVIRONMENT

3.1 Laboratory Arrangement

The aquatic toxicity testing laboratory is divided into two separate areas: (1) the culturing laboratory and (2) the testing laboratory. See attached diagram for details of laboratory layout.

3.2 Temperature

The aquatic toxicity testing laboratory air temperature is maintained at 20 ± 1° C throughout the year by a central heating and cooling system which is regulated by thermostats. Temperatures are continuously recorded by thermographs.

3.3 Water

Several waters are available for use in the laboratory. CT&E has access to municipally supplied water, well water and reagent water from which synthetic water is prepared. Waters used for culturing and testing are analyzed semiannually for priority pollutants and other contaminants. A detailed report is available.

3.4 Lighting

Ambient laboratory lighting is regulated with a 16 hour day/8 hour night photoperiod controlled by an electronic timing system in the culturing and testing areas.

4.0 LABORATORY EQUIPMENT

4.1 General

Instruments used for the measurement of physical and chemical parameters are calibrated prior to use in testing. Any instrument that exceeds the calibration limits is taken out of service and corrective action is taken.

4.2 Balances

Analytical balances are calibrated against standard weights prior to use. All calibration results and adjustments are recorded in bound books.

4.3 Water Quality Meters

Meters are calibrated prior to use using known standards and the manufacturer's instructions. Records of calibration are kept in logbooks. Detailed procedures for the operation of these meters are found in SOP's for each specific instrument.

4.4 Reagents

All reagents are stored in a separate area. Expired reagents and chemicals are discarded.

4.5 Test Containers

All test containers are either clean reusable glassware or new, disposable plastic beakers.

5.0 EQUIPMENT CLEANING PROCEDURES

5.1 Equipment used in culturing or testing is washed in the following manner:

5.1.1 Soak 15 minutes and scrub with detergent in tap water.
5.1.2 Rinse three times with tap water.
5.1.3 Rinse once with 20% nitric acid.
5.1.4 Rinse twice with deionized water.
5.1.5 Rinse once with full-strength, pesticide-grade acetone.
5.1.6 Rinse well with deionized water.
5.1.7 Invert and air dry.
5.1.8 All equipment and test chambers are rinsed with deionized water immediately prior to use for each test.

SGS

NPDES Permit No. MA000 3891
SGS ID number: TA4-A0-P057
January 15, 2004

040

Appendix II

Chain of Custody

Chain of Custody Record

General Electric Co.

100 Woodlawn Ave. Pittsfield, MA 01201

OBG

Chain of Custody #: ~~E~~ 010604

Wet **Weather Acute Aquatic Toxicity for** January 2004 TA4-A0P057-1/2

Project # NPDES PERMIT	Analytical Lab: CT&E Environmental Services Inc.			Sampled By: (Print) Mark Wasnewsky Sean Coyle		
Sample #	Date	Time	Containers	Parameters to be Analyzed	Preservative	Remarks
A5375C	1/5 to 1/6/04	11^00 AM	1 Gallon plastic	Definitive Test(LC50 and NOAEL), Static acute toxicity, 48 hr w/ Daphnia pulex	Chilled	(See below)
A5375C	1/5 to 1/6/04	11^00 AM	1000 ml. plastic	Chloride, TSS,Total Solids, Alkalinity Specific Conductance, CL2	Chilled	
A5375C	1/5 to 1/6/04	11^00 AM	500 ml. plastic	Total Phosphorus, TOC, NH3	H2SO4	
A5371R	1/6/04	7^40 AM	1 Gallon plastic	Housatonic River water dilution water for definitive test	Chilled	
A5371R	1/6/04	7^40 AM	1000 ml. plastic	Chloride, TSS,Total Solids, Alkalinity Specific Conductance, CL2	Chilled	
A5371R	1/6/04	7^40 AM	500 ml. plastic	Total Phosphorus, TOC, NH3	H2SO4	

Relinquished By:	Date/Time	Received By:	Date/Time
Mark Wasnewsky	1-6-04 14:00		
Relinquished By:	Date/Time	Received By:	Date/Time
	1-6-04 15:00		1/7/04 0925 3.1°

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- 745 AM 004- / 005-64T- 700 AM 005-64G- 700 AM 007- 750 AM 09A- / 09B- 800 AM

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

Appendix III

Bench Data

General Electric – 48-hour Acute Biotoxicity Bench Sheet

Client: General Electric

Project: Wet Weather Acute for Jan '04 Lab. No.: ~~TA43~~ T44 AO-P057-001/002

Date Received: 01/07/04

Sample Date: 01/06/04 Time: 11:00 Date Analyzed: 01/07/04

Source: EFFLUENT COMPOSITE Analyst(s): ~~KH~~

Source of dilution water: Housatonic River Water

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

Type of Test: 48-Hour Static Acute

Total Chlorine: n/d

	Beginning	Ending
Date:	01/07/04	01/09/04
Time:	1100	1100

Concentration→	Housatonic River Control	MHSW Control	MHSW $Na_2S_2O_3$ Control	Effluent 5%	Effluent 15%	Effluent 35%	Effluent 50%	Effluent 75%	Effluent 100%
START									
Temperature	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
Hardness	120	110	110						290
D.O.	8.96	8.74	8.82	8.94	9.01	9.04	9.02	9.08	9.18
pH	6.45	7.08	7.14	6.59	6.73	6.97	7.34	7.73	8.01
Alkalinity	25	69	72						271
Sp. Conduct.	141	312	322	264	404	610	928	1218	1820
24 HOUR									
No. Surviving	20	20	20	20	20	20	20	20	20
Temperature	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
D.O.	8.84	8.62	8.02	8.18	8.84	8.92	8.97	8.83	8.78
pH	6.58	7.15	7.19	6.71	6.82	7.12	7.47	7.72	7.92
Sp. Conduct.	157	319	339	279	422	628	940	1232	1648
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.	8.74	8.59	8.22	8.07	7.97	8.12	8.19	8.08	8.12
pH	6.67	7.23	7.28	6.84	6.97	7.30	7.55	7.80	7.98
Sp. Conduct.	164	327	354	286	437	639	954	1246	1435

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 Acut

Total Chlorine:

	Beginning	Ending
Date:	1/8/04	1/10/04
Time:	1400	1400

Concentration	Control		625	1250	2500	5000	10,000
START							
Temperature	20.7		20.7	20.7	20.7	20.7	20.7
Hardness	110						100
D.O.	8.8		8.8	8.8	8.8	8.8	8.9
pH	7.1		7.1	7.2	7.2	7.2	7.2
Alkalinity	73						77
Sp. Conduct.	331		1246	2310	4120	6980	10200
24 HOUR							
Temperature	19.8		19.8	19.8	19.8	19.8	19.8
No. Surviving	20		20	20	16	9	0
48 HOUR							
Temperature	20.5		20.5	20.5	20.5	20.5	20.5
No. Surviving	20		20	19	8	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*

TRIMMED SPEARMAN-KARBER METHOD. MONTANA STATE UNIV 045

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: 01/08/04 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	1	12	20	20

SPEARMAN-KARBER TRIM: 0.00%

SPEARMAN-KARBER ESTIMATES: LC50: 2253.13
95% LOWER CONFIDENCE: 1908.10
95% UPPER CONFIDENCE: 2660.54

Appendix IV

U.S. EPA Region I Toxicity Test Summary

NPDES Permit No. MA000 3891
SGS ID number: TA4-A0-P057
January 15, 2004

Toxicity Test Summary Sheet

047

Facility Name: General Electric Co. Test Start Date: January 7, 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): January 5, 2004 to January 6, 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: January 8, 2004 to January 10, 2004

N/A= not applicable

SGS

NPDES Permit No. MA000 3891
SGS ID number: TA4-A0-P057
January 15, 2004

048

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

SGS Environmental Services

A national network of environmental laboratories

www.sgsenvironmental.com tel: 304.346.0725 fax: 304.346.0761

SGS Report Definitions

<Hit>	Denotes parameter was detected
ND	Denotes parameter was not detected
Rlimit	The reporting limit is the lowest reported concentration after corrections have been made for sample dilution, sample weight, and (for soils and sediments) amount of moisture in the sample. A * on the reporting limit denotes it was adjusted by the laboratory for dilution, percent solid and/or sample volume
S	A "Y" denotes the result was corrected for percent solid
DilF	The dilution factor
Flg	A flag designation applied to the result, please refer to the definitions below

SGS Flag (Flg) Definitions

U	Denotes parameter was not detected at or above the reporting limit
J	Estimated result -- the result was detected below the reporting limit
E	Estimated result -- the result was above the instrument calibration range
D	Spike or surrogate was diluted out in order to achieve a parameter result within instrument calibration range
I	A result could not be reported due to matrix interference
NON	Denotes a non-numeric result was reported
B	Parameter detected in the method blank
C	Result not reported due to parameter detected in the method blank, please see reanalysis
N	Estimated result due to co-elution of another parameter
NS	Parameter was not spiked
NC	Parameter was unable to be confirmed
Y	Parameter was confirmed
*	Denotes recovery failure of spike or surrogate

Units:

mg/kg and mg/L are otherwise commonly referred to as parts per million (ppm)
µg/kg and µg/L are otherwise commonly referred to as parts per billion (ppb)

Attachment D

Final Notification of On Plant Excavations January 2004

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

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

January 14, 2004

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

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

RE: GE Pittsfield – Final Notification of On Plant Excavations

Dear Ms. Steenstrup and Mr. Nalipinski:

In accordance with our *Protocols for the Management of Excavation Activities*, this letter serves as the final notification for several excavations by General Electric Co. at the Pittsfield site.

Emergency Excavation in response to a hypochlorite spill at Pittsfield Generating Facility: DEP Site GECD 160.

Location: Standard Grid O-33, Northern side of Pittsfield Generating Building.
Activity: On August 26, 2002 soil was excavated from behind the Pittsfield Generating facility in response to a hypochlorite spill. The excavated soil was placed in a 55-gallon open top drum and transferred to GE Building 12 pending sampling and a review of the analytical results. The excavated area was back-filled with clean, off-site fill from a GE approved vendor.
Dimensions and Volume: The area of excavation was one foot by seven feet and approximately six inches deep. Approximately one eighth of a yard of soil was excavated.
Analytical: See attachment 1. PCB concentrations detected were less than or equal 0.28 ppm. PID readings indicated that no further sampling was necessary.
Material Disposition: Material was sent to CWM Chemical Services, L.L.C., Model City, NY.

Minor Excavation for the repair of a leak in the fire system adjacent to Building 108 at the GE Plastics facility: DEP Site GECD170.

Location: Standard Grid K-44, Southeast corner of Building 108 at GE Plastics Facility.
Activity: On July 17, 2003 soil was excavated at the GE Plastics facility to repair a leaking pipe used in the plant fire system. The excavated soil was placed on polyethylene and covered with polyethylene pending sampling and a review of the analytical results. The excavated area was back-filled with clean, off-site fill from a GE approved vendor.
Dimension and Volume: A hole was excavated using a rubber tire backhoe to access the leaking portion of the fire system piping. Dimensions of the pit were approximately six feet by six feet by five feet deep. A total of approximately six yards of soil was excavated.
Analytical: See attachment 2. PCB concentrations detected were less than or equal 0.175 ppm. PID readings indicated that no further sampling was necessary.
Material Disposition: Material was brought within the fenced area at the corner of Merrill Road and New York Avenue.

Emergency Excavation to repair a leak in the fire system adjacent to building 109 of the GE Plastics facility: DEP Site GECD170.

Location: Standard Grid J-44, Eastern side of Building 109 at the GE Plastics Facility.
Activity: During the excavation activities for the above excavation at Building 108 an additional leak was discovered within the fire system. The leak source was located on the eastern side of

Building 109. An emergency excavation was requested and performed by GE on July 21, 2003. The excavated soil was placed on and covered with polyethylene pending sampling and a review of the analytical results. The excavated area was back-filled with clean, off-site fill from a GE approved vendor.

Dimensions and Volume: A hole was excavated using a rubber tire backhoe to access the leaking portion of the fire system piping. The dimensions of the pit were approximately four feet by four feet by six feet deep. A total of approximately six yards of soil was excavated.

Analytical: See attachment 3. PCB concentrations detected were less than or equal 1.36 ppm. PID readings indicated that no further sampling was necessary.

Material Disposition: Soil was placed in a roll-off container and sent to CWM Chemical Services, L.L.C., Model City, NY.

Excavation to repair a leaking hydrant between the south side of Building 59 and Merrill Road at the GE Plastics facility: DEP Site GECD170.

Location: Standard Grid M-43, Between the south side of Building 59 and Merrill Road.

Activity: On August 8, 2003 soil was excavated to repair a leaking hydrant at the GE Plastics facility. The excavated soil was placed on and covered by polyethylene pending sampling and a review of the analytical results. The excavated area was back-filled with clean, off-site fill from a GE approved vendor.

Dimension and Volume: A hole was excavated using a rubber tire backhoe to access the leaking portion of the hydrant. The dimensions of the excavation were approximately five feet by five feet by five feet deep. A total of approximately five and one half yards were excavated.

Analytical: See attachment 4. PCB concentrations detected were less than or equal 0.086 ppm. PID readings indicated that no further sampling was necessary.

Material Disposition: Material was brought within the fenced area at the corner of Merrill Road and New York Avenue.

Excavation to repair a surface drain manhole and associated drain pipes adjacent to Building 9D: DEP Site GECD140.

Location: Standard Grid P-25, Adjacent to building 9D, the former flammable storage building.

Activity: On November 13, 2003 activities, including soil excavation, commenced to repair a surface drain manhole and the associated piping. All excavated soil was placed on and covered with polyethylene pending sampling and a review of the analytical results. The excavated area was back-filled with clean, off-site fill from a GE approved vendor upon completion of the work on November 17, 2003.

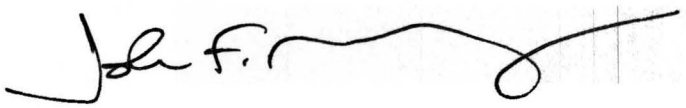
Dimension and Volume: A hole was excavated using a rubber tire backhoe to access the area in need of repair. The dimensions of the excavation were approximately eight feet by eight feet by four feet deep. A total of approximately nine and one half yards of soil were excavated.

Analytical: See attachment 5. PCB concentrations were detected between 3.2 and 56 ppm, therefore, the material was designated TSCA Regulated. PID readings indicated that no further sampling was necessary

Material Disposition: Following EPA verbal approval, the material was brought to the GE OPCA Cell 71 on December 12, 2003.

This completes notification for these excavations. Please contact me at (413) 494-3177 if you have any concerns regarding this notification.

Yours truly,



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

Enclosure/attachments

Cc: Anna Symington, DEP
Robert Bell, DEP
Michael Carroll, GE
Rod McLaren, GE
John Levesque, GE
Peter Varley, Onyx
Craig Bruening, BB&L

Attachment 1


30
DALTON AVE
CONNECTICUT AVE
NEW YORK AVE.
MERRILL RD
ALTRESCO
PITTSFIELD INC
SOIL
BORING
LOCATION
78
73
9
90
10
71

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

Building 78 Soil Drum Sampling Program
(GE Drum # 64101
(401.70.01)

(Table 1)

LAB ID	SAMPLE DATE	PCBs (ppm)	SAMPLE MATERIAL	SAMPLE TYPE	PID READINGS (ppm)
78-64101-1	5/6/03	0.28	SOIL	DISCRETE-GRAB	0.0

CT&E Environmental Services Inc.

1258 Greenbrier Street Charleston WV 25311

Sample Delivery Group: 3E0P140 Chain of Custody Number: 024113 Received by CTEESI 05/07/03 09:40

ATTN: Bruce Eulian BLASLAND, BOUCK & LEE, INC. PITTSFIELD MA

Reference: 78-64101-1 Description: GRAB BLDG 78 GE DRUM #64101 DRUM SAMPLING Matrix: SOIL Sampled: 05/06/03 11:45

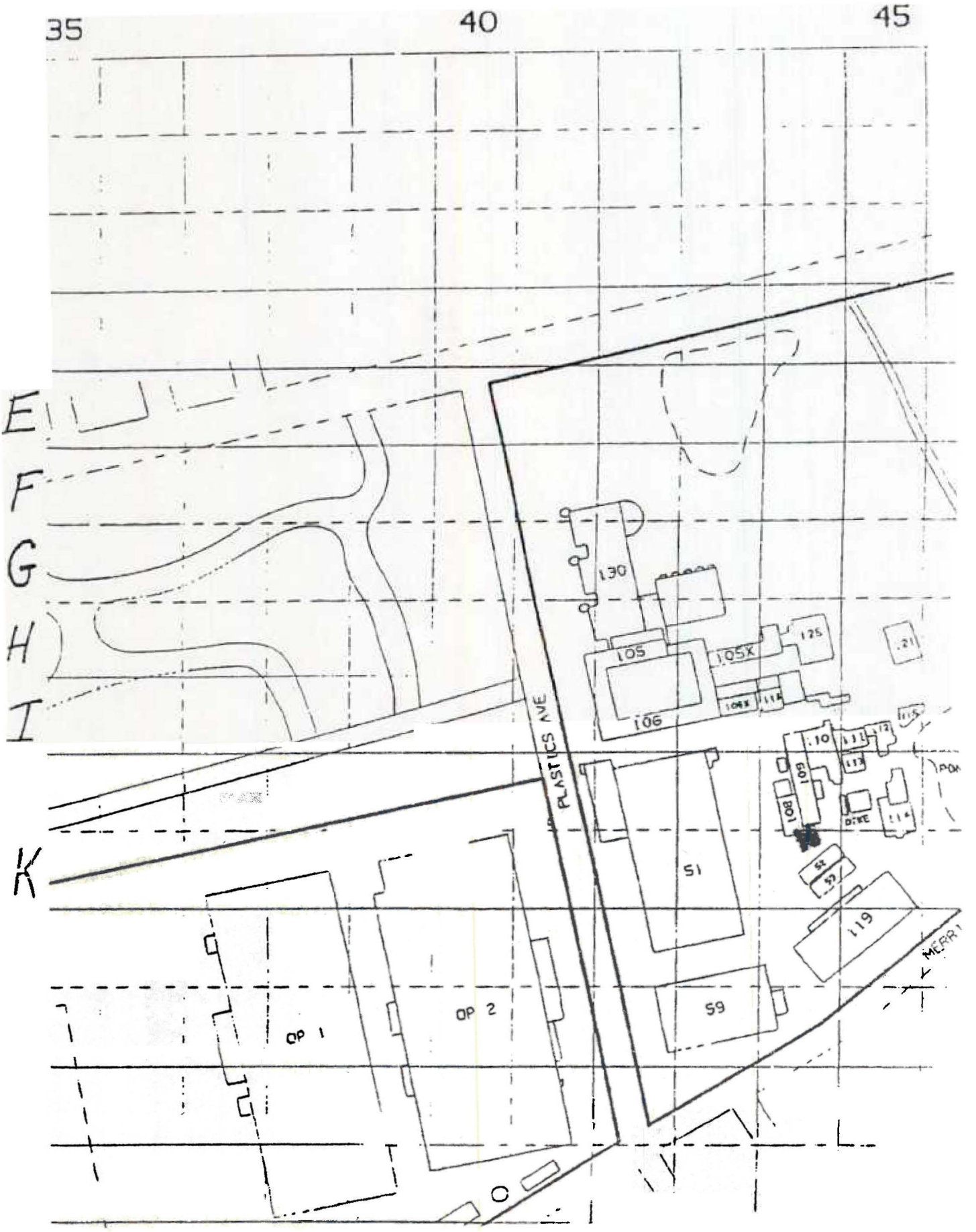
CTEESI Lab Number: TA3E0P140001 Percent Solids: 88 Sample Type: F

Prep Code: SW3541C Prepared: 05/09/03 16:00 Preparation Batch: QP8992 Analyst: DCL Report Basis: Dry

Run#: 001 Method Code: SW8082 Analyzed: 05/12/03 20:34 Analytical Batch: QP9109 Dilution Factor: 1.00 Analytical Run Type: QC

Type.....	Parameter Name	QF	Result	RF	Units	PQL	%REC	Spk Amt	Spk Limits	RPD	FDHi	CAS Number
Analyte....	AROCLOR-1016	ND	0.038	U	mg/Kg	0.038						12674-11-2
Analyte....	AROCLOR-1221	ND	0.038	U	mg/Kg	0.038						11104-28-2
Analyte....	AROCLOR-1232	ND	0.038	U	mg/Kg	0.038						11141-16-5
Analyte....	AROCLOR-1242	ND	0.038	U	mg/Kg	0.038						53469-21-9
Analyte....	AROCLOR-1248	ND	0.038	U	mg/Kg	0.038						12672-29-6
Analyte....	AROCLOR-1254	<Hit>	0.17		mg/Kg	0.038						11097-69-1
Analyte....	AROCLOR-1260	<Hit>	0.11		mg/Kg	0.038						11096-82-5
Surrogate..	DECACHLOROBIPHENYL	qc	0.027		mg/Kg		71	0.038	50 to 150			2051-24-3
Surrogate..	TETRACHLORO-M-XYLENE	qc	0.027		mg/Kg		72	0.038	27 to 132			877-09-8

Attachment 2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BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

GE Plastics Building 108 Water Main Repair Soil Pile Sampling Program
(201.19.60)

(Table 1)

LAB ID	SAMPLE DATE	PCBs (ppm)	SAMPLE MATERIAL	SAMPLE TYPE	PID READINGS (ppm)
114-WMR-SOIL-1	8/4/03	0.103	SOIL	DISCRETE-GRAB	0.1
114-WMR-SOIL-2	8/4/03	0.062	SOIL	DISCRETE-GRAB	0.2
114-WMR-SOIL-3	8/4/03	0.175	SOIL	DISCRETE-GRAB	0.1

SGS - Environmental Services
1258 Greenbrier Street Charleston WV 25311

Sample Delivery Group: 3H0P065 Chain of Custody Number: 013828 Received by SGS 08/05/03 09:10
ATTN: Bruce Eulian BLASLAND, BOUCK & LEE, INC. PITTSFIELD MA

Reference: 114-WMR-SOIL-1 Description: GRAB GE PLASTIC BLDG 108 WATER MAIN REPAIR Matrix: SOIL Sampled: 08/04/03 12:00
SGS Lab Number: TA3H0P065001 Percent Solids: 91 Sample Type: F

Prep Code: SW3541C Prepared: 08/06/03 12:00 Preparation Batch: 083220 Analyst: bcl Report Basis: Dry
Run#: 001 Method Code: SW8082 Analyzed: 08/06/03 23:45 Analytical Batch: 083256 Dilution Factor: 1.00 Analytical Run Type: 00

Type.....	Parameter Name	QF	Result	RF	Units	PQL	%REC	Spk Amt	Spk Limits	RPD	PDHi	CAS Number
Analyte....	AROCLOR-1016	ND	0.037	U	mg/Kg	0.037						12674-11-2
Analyte....	AROCLOR-1221	ND	0.037	U	mg/Kg	0.037						11104-28-2
Analyte....	AROCLOR-1232	ND	0.037	U	mg/Kg	0.037						11141-16-5
Analyte....	AROCLOR-1242	ND	0.037	U	mg/Kg	0.037						53469-21-9
Analyte....	AROCLOR-1248	ND	0.037	U	mg/Kg	0.037						12672-29-6
Analyte....	AROCLOR-1254	<Hit>	0.044		mg/Kg	0.037						11097-69-1
Analyte....	AROCLOR-1260	<Hit>	0.059		mg/Kg	0.037						11096-82-5
Surrogate..	DECACHLOROBIPHENYL	qc	0.014	*	mg/Kg		38	0.037	50 to 150			2051-24-3
Surrogate..	TETRACHLORO-M-XYLENE	qc	0.034		mg/Kg		93	0.037	27 to 132			877-09-8

Reference: 114-WMR-SOIL-2 Description: GRAB GE PLASTIC BLDG 108 WATER MAIN REPAIR Matrix: SOIL Sampled: 08/04/03 12:05
SGS Lab Number: TA3H0P065002 Percent Solids: 91 Sample Type: F

Prep Code: SW3541C Prepared: 08/06/03 12:00 Preparation Batch: 083220 Analyst: jlt Report Basis: Dry
Run#: 001 Method Code: SW8082 Analyzed: 08/08/03 02:15 Analytical Batch: 083336 Dilution Factor: 1.00 Analytical Run Type: 00

Type.....	Parameter Name	QF	Result	RF	Units	PQL	%REC	Spk Amt	Spk Limits	RPD	PDHi	CAS Number
Analyte....	AROCLOR-1016	ND	0.036	U	mg/Kg	0.036						12674-11-2
Analyte....	AROCLOR-1221	ND	0.036	U	mg/Kg	0.036						11104-28-2
Analyte....	AROCLOR-1232	ND	0.036	U	mg/Kg	0.036						11141-16-5
Analyte....	AROCLOR-1242	ND	0.036	U	mg/Kg	0.036						53469-21-9
Analyte....	AROCLOR-1248	ND	0.036	U	mg/Kg	0.036						12672-29-6
Analyte....	AROCLOR-1254	ND	0.036	U	mg/Kg	0.036						11097-69-1
Analyte....	AROCLOR-1260	<Hit>	0.026	J	mg/Kg	0.036						11096-82-5
Surrogate..	DECACHLOROBIPHENYL	qc	0.011	*	mg/Kg		30	0.036	50 to 150			2051-24-3
Surrogate..	TETRACHLORO-M-XYLENE	qc	0.030		mg/Kg		83	0.036	27 to 132			877-09-8

SGS - Environmental Services

1258 Greenbrier Street Charleston WV 25311

Sample Delivery Group: 3H0P065 **Chain of Custody Number: 013828** **Received by SGS 08/05/03 09:10**

ATTN: Bruce Eulian **BLASLAND, BOUCK & LEE, INC.** **PITTSFIELD MA**

Reference: 114-WMR-SOIL-3 Description: GRAB GE PLASTIC BLDG 108 WATER MAIN REPAIR Matrix: SOIL Sampled: 08/04/03 12:10

SGS Lab Number: TA3H0P065005 Percent Solids: 86 Sample Type: F

Prep Code: SW3541C Prepared: 08/06/03 12:00 Preparation Batch: 083220 Analyst: bcl Report Basis: Dry

Run#: 001 Method Code: SW8082 Analyzed: 08/08/03 00:57 Analytical Batch: 083314 Dilution Factor: 1.00 Analytical Run Type: QC

Type	Parameter Name	QF	Result	RF	Units	PQL	%REC	Spk Amt	Spk Limits	RPD	RPDl	CAS Number
Analyte	AROCLOR-1016	ND	0.038	U	mg/Kg	0.038						12674-11-2
Analyte	AROCLOR-1221	ND	0.038	U	mg/Kg	0.038						11104-28-2
Analyte	AROCLOR-1232	ND	0.038	U	mg/Kg	0.038						11141-16-5
Analyte	AROCLOR-1242	ND	0.038	U	mg/Kg	0.038						53469-21-9
Analyte	AROCLOR-1248	ND	0.038	U	mg/Kg	0.038						12672-29-6
Analyte	AROCLOR-1254	<Hit>	0.098		mg/Kg	0.038						11097-69-1
Analyte	AROCLOR-1260	<Hit>	0.077		mg/Kg	0.038						11096-82-5
Surrogate	DECACHLOROBIPHENYL	qc	0.035		mg/Kg		92	0.038	50 to 150			2051-24-3
Surrogate	TETRACHLORO-M-XYLENE	qc	0.035		mg/Kg		91	0.038	27 to 132			877-09-8

Reference: 114-WMR-SOIL-DUP-1 Description: GRAB GE PLASTIC BLDG 108 WATER MAIN REPAIR Matrix: SOIL Sampled: 08/04/03 00:00

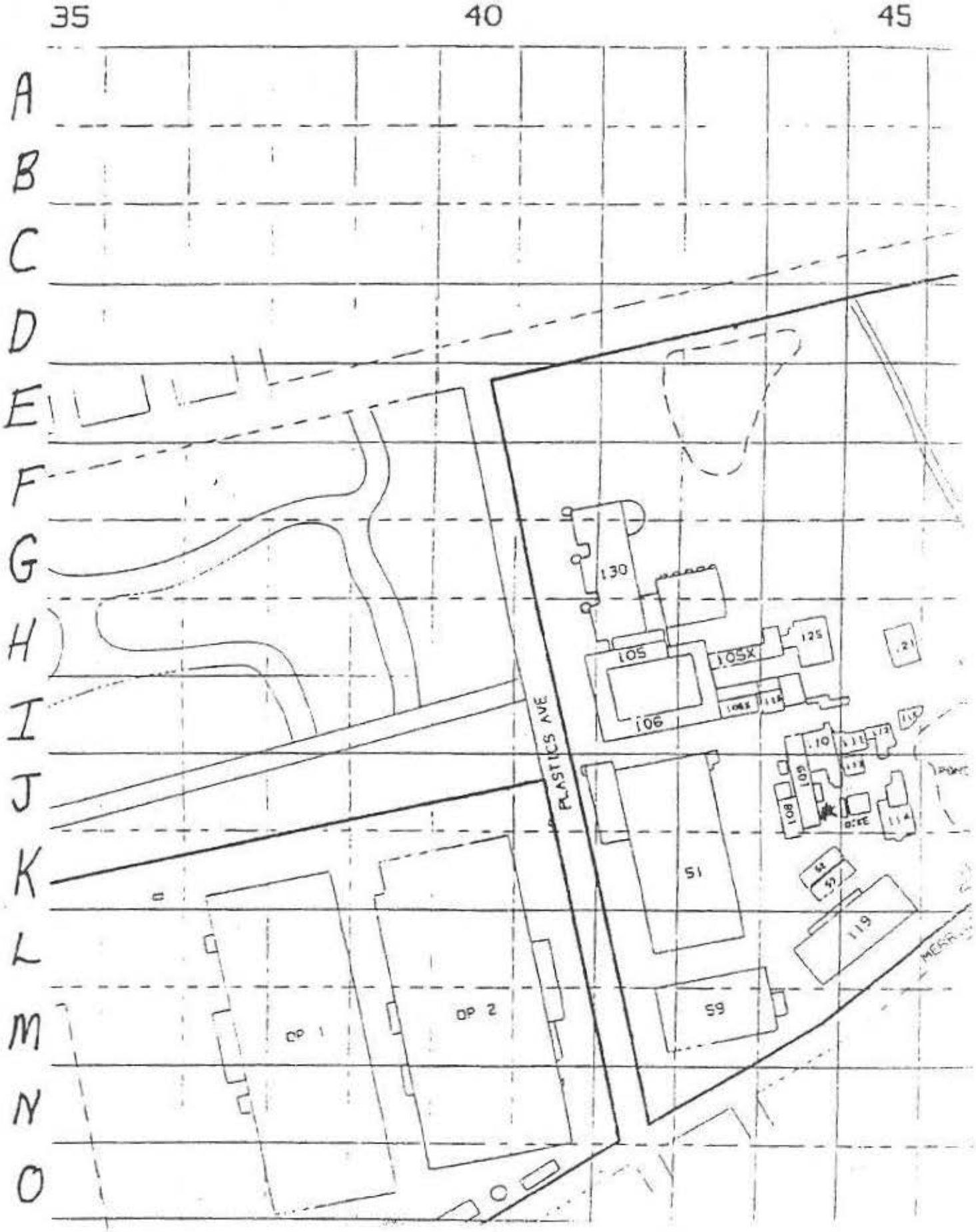
SGS Lab Number: TA3H0P065006 Percent Solids: 91 Sample Type: F

Prep Code: SW3541C Prepared: 08/06/03 12:00 Preparation Batch: 083220 Analyst: jlt Report Basis: Dry

Run#: 001 Method Code: SW8082 Analyzed: 08/08/03 03:03 Analytical Batch: 083316 Dilution Factor: 1.00 Analytical Run Type: QC

Type	Parameter Name	QF	Result	RF	Units	PQL	%REC	Spk Amt	Spk Limits	RPD	RPDl	CAS Number
Analyte	AROCLOR-1016	ND	0.036	U	mg/Kg	0.036						12674-11-2
Analyte	AROCLOR-1221	ND	0.036	U	mg/Kg	0.036						11104-28-2
Analyte	AROCLOR-1232	ND	0.036	U	mg/Kg	0.036						11141-16-5
Analyte	AROCLOR-1242	ND	0.036	U	mg/Kg	0.036						53469-21-9
Analyte	AROCLOR-1248	ND	0.036	U	mg/Kg	0.036						12672-29-6
Analyte	AROCLOR-1254	<Hit>	0.032	J	mg/Kg	0.036						11097-69-1
Analyte	AROCLOR-1260	<Hit>	0.068		mg/Kg	0.036						11096-82-5
Surrogate	DECACHLOROBIPHENYL	qc	0.0097	*	mg/Kg		27	0.036	50 to 150			2051-24-3
Surrogate	TETRACHLORO-M-XYLENE	qc	0.029		mg/Kg		79	0.036	27 to 132			877-09-8

Attachment 3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engineers & scientists

GE Plastics Building 109 Water Main Repair Soil Pile Sampling Program
(201.19.61)

(Table 1)

LAB ID	SAMPLE DATE	PCBs (ppm)	SAMPLE MATERIAL	SAMPLE TYPE	PID READINGS (ppm)
109-WMR-SOIL-1	8/4/03	0.43	SOIL	DISCRETE-GRAB	0.1
109-WMR-SOIL-2	8/4/03	0.48	SOIL	DISCRETE-GRAB	0.3
109-WMR-SOIL-3	8/4/03	0.27	SOIL	DISCRETE-GRAB	0.4

SGS - Environmental Services
1258 Greenbrier Street Charleston WV 25311

Sample Delivery Group: 3H0P066 **Chain of Custody Number: 013829** **Received by SGS 08/05/03 09:10**
ATTN: Bruce Eulian BLASLAND, BOUCK & LEE, INC. PITTSFIELD MA

Reference: 109-WMR-SOIL-1 Description: GRAB GE PLASTIC BLDG 109 WATER MAIN REPAIR Matrix: SOIL Sampled: 08/04/03 11:30
SGS Lab Number: TA3H0P066001 Percent Solids: 88 Sample Type: F

Prep Code: SW3541C Prepared: 08/06/03 12:00 Preparation Batch: 083220 Analyst: jlt Report Basis: Dry
Run#: 001 Method Code: SW8082 Analyzed: 08/08/03 03:20 Analytical Batch: 083336 Dilution Factor: 1.00 Analytical Run Type: QC

Type	Parameter Name	QF	Result	RF	Units	PQL	%REC	Spk Amt	Spk Limits	RPD	PDHi	CAS Number
Analyte	AROCLOR-1016	ND	0.038	U	mg/Kg	0.038						12674-11-2
Analyte	AROCLOR-1221	ND	0.038	U	mg/Kg	0.038						11104-28-2
Analyte	AROCLOR-1232	ND	0.038	U	mg/Kg	0.038						11141-16-5
Analyte	AROCLOR-1242	ND	0.038	U	mg/Kg	0.038						53469-21-9
Analyte	AROCLOR-1248	ND	0.038	U	mg/Kg	0.038						12672-29-6
Analyte	AROCLOR-1254	<Hit>	0.13		mg/Kg	0.038						11097-69-1
Analyte	AROCLOR-1260	<Hit>	0.30		mg/Kg	0.038						11096-82-5
Surrogate	DECACHLOROBIPHENYL	qc	0.026		mg/Kg		69	0.038	50 to 150			2051-24-3
Surrogate	TETRACHLORO-M-XYLENE	qc	0.035		mg/Kg		94	0.038	27 to 132			877-09-8

Reference: 109-WMR-SOIL-2 Description: GRAB GE PLASTIC BLDG 109 WATER MAIN REPAIR Matrix: SOIL Sampled: 08/04/03 11:35
SGS Lab Number: TA3H0P066002 Percent Solids: 89 Sample Type: F

Prep Code: SW3541C Prepared: 08/06/03 12:00 Preparation Batch: 083220 Analyst: bcl Report Basis: Dry
Run#: 001 Method Code: SW8082 Analyzed: 08/07/03 22:27 Analytical Batch: 083314 Dilution Factor: 1.00 Analytical Run Type: QC

Type	Parameter Name	QF	Result	RF	Units	PQL	%REC	Spk Amt	Spk Limits	RPD	PDHi	CAS Number
Analyte	AROCLOR-1016	ND	0.038	U	mg/Kg	0.038						12674-11-2
Analyte	AROCLOR-1221	ND	0.038	U	mg/Kg	0.038						11104-28-2
Analyte	AROCLOR-1232	ND	0.038	U	mg/Kg	0.038						11141-16-5
Analyte	AROCLOR-1242	ND	0.038	U	mg/Kg	0.038						53469-21-9
Analyte	AROCLOR-1248	ND	0.038	U	mg/Kg	0.038						12672-29-6
Analyte	AROCLOR-1254	<Hit>	0.20		mg/Kg	0.038						11097-69-1
Analyte	AROCLOR-1260	<Hit>	0.28		mg/Kg	0.038						11096-82-5
Surrogate	DECACHLOROBIPHENYL	qc	0.037		mg/Kg		99	0.038	50 to 150			2051-24-3
Surrogate	TETRACHLORO-M-XYLENE	qc	0.037		mg/Kg		99	0.038	27 to 132			877-09-8

SGS - Environmental Services
1258 Greenbrier Street Charleston WV 25311

Sample Delivery Group: 3H0P066 **Chain of Custody Number: 013829** **Received by SGS 08/05/03 09:10**
ATTN: Bruce Eulian **BLASLAND, BOUCK & LEE, INC.** **PITTSFIELD MA**

Reference: 109-WMR-SOIL-3 Description: GRAB GE PLASTIC BLDG 109 WATER MAIN REPAIR Matrix: SOIL Sampled: 08/04/03 11:40
SGS Lab Number: TA3H0P066005 Percent Solids: 88 Sample Type: F

Prep Code: SW3541C Prepared: 08/06/03 12:00 Preparation Batch: 083220 Analyst: bcl Report Basis: Dry
Run#: 001 Method Code: SW8082 Analyzed: 08/07/03 23:17 Analytical Batch: 083314 Dilution Factor: 1.00 Analytical Run Type: QC

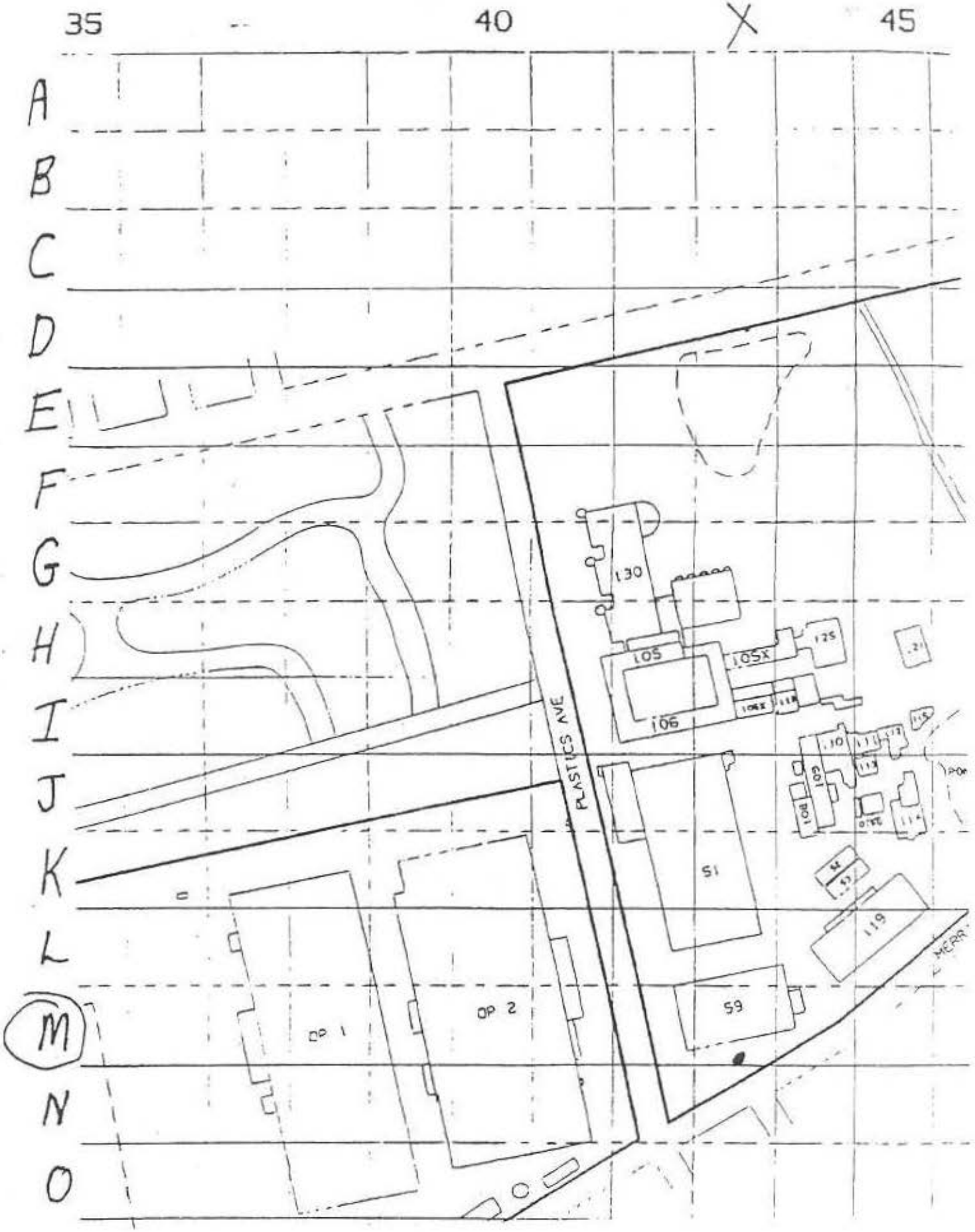
Type.....	Parameter Name	QF	Result	RF	Units	PQL	%REC	Spk Amt	Spk Limits	RPD	PDNi	CAS Number
Analyte....	AROCLOR-1016		ND	0.038 U	mg/Kg	0.038						12674-11-2
Analyte....	AROCLOR-1221		ND	0.038 U	mg/Kg	0.038						11104-28-2
Analyte....	AROCLOR-1232		ND	0.038 U	mg/Kg	0.038						11141-16-5
Analyte....	AROCLOR-1242		ND	0.038 U	mg/Kg	0.038						53469-21-9
Analyte....	AROCLOR-1248		ND	0.038 U	mg/Kg	0.038						12672-29-6
Analyte....	AROCLOR-1254		<Hit>	0.65	mg/Kg	0.038						11097-69-1
Analyte....	AROCLOR-1260		<Hit>	0.71	mg/Kg	0.038						11096-82-5
Surrogate..	DECACHLOROBIPHENYL	qc		0.057	mg/Kg		150	0.038	50 to 150			2051-24-3
Surrogate..	TETRACHLORO-M-XYLENE	qc		0.031	mg/Kg		83	0.038	27 to 132			877-09-8

Reference: 109-WMR-SOIL-DUP-1 Description: GRAB GE PLASTIC BLDG 109 WATER MAIN REPAIR Matrix: SOIL Sampled: 08/04/03 00:00
SGS Lab Number: TA3H0P066006 Percent Solids: 89 Sample Type: F

Prep Code: SW3541C Prepared: 08/06/03 12:00 Preparation Batch: 083220 Analyst: bcl Report Basis: Dry
Run#: 001 Method Code: SW8082 Analyzed: 08/07/03 23:34 Analytical Batch: 083314 Dilution Factor: 1.00 Analytical Run Type: QC

Type.....	Parameter Name	QF	Result	RF	Units	PQL	%REC	Spk Amt	Spk Limits	RPD	PDNi	CAS Number
Analyte....	AROCLOR-1016		ND	0.038 U	mg/Kg	0.038						12674-11-2
Analyte....	AROCLOR-1221		ND	0.038 U	mg/Kg	0.038						11104-28-2
Analyte....	AROCLOR-1232		ND	0.038 U	mg/Kg	0.038						11141-16-5
Analyte....	AROCLOR-1242		ND	0.038 U	mg/Kg	0.038						53469-21-9
Analyte....	AROCLOR-1248		ND	0.038 U	mg/Kg	0.038						12672-29-6
Analyte....	AROCLOR-1254		<Hit>	0.44	mg/Kg	0.038						11097-69-1
Analyte....	AROCLOR-1260		<Hit>	0.43	mg/Kg	0.038						11096-82-5
Surrogate..	DECACHLOROBIPHENYL	qc		0.037	mg/Kg		99	0.038	50 to 150			2051-24-3
Surrogate..	TETRACHLORO-M-XYLENE	qc		0.034	mg/Kg		89	0.038	27 to 132			877-09-8

Attachment 4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BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

GE Plastics Fire Hydrant Repair
South of Building 59 Soil Pile Sampling
(201.19.47)

(Table 1)

LAB ID	SAMPLE DATE	PCBs (ppm)	SAMPLE MATERIAL	SAMPLE TYPE	PID READINGS (ppm)
59-FHR-SOIL-1	8/22/03	0.086	SOIL	DISCRETE-GRAB	4.1
59-FHR-SOIL-2	8/22/03	0.083	SOIL	DISCRETE-GRAB	1.2
59-FHR-SOIL-3	8/22/03	0.082	SOIL	DISCRETE-GRAB	1.0

SGS - Environmental Services
1258 Greenbrier Street Charleston WV 25311

Sample Delivery Group: 3H0P498 **Chain of Custody Number: 013826** **Received by SGS 08/26/03 09:20**

ATTN: Bruce Eulian BLASLAND, BOUCK & LEE, INC. PITTSFIELD MA

Reference: 59-FHR-SOIL-1 Description: GRAB FIRE HYDRANT REPAIR SOIL PILE SAMPLING Matrix: SOIL Sampled 08/22/03 11:00
SGS Lab Number: TA3H0P498001 Percent Solids: 89 Sample Type: F

Prep Code: SW3541C Prepared: 08/27/03 12:00 Preparation Batch: 084257 Analyst: dee Report Basis: Dry
Rank: 001 Method Code: SW8082 Analyzed: 08/27/03 15:45 Analytical Batch: 084268 Dilution Factor: 1.00 Analytical Run Type: 00

Type	Parameter Name	QF	Result	RE	Units	PQL	%REC	Spk Amt	Spk Limits	RPD	RPDL	CAS Number
Analyte	AROCLOR-1016	ND	0.037	U	mg/Kg	0.037						12674-11-2
Analyte	AROCLOR-1221	ND	0.037	U	mg/Kg	0.037						11104-28-2
Analyte	AROCLOR-1232	ND	0.037	U	mg/Kg	0.037						11141-16-5
Analyte	AROCLOR-1242	ND	0.037	U	mg/Kg	0.037						53469-21-9
Analyte	AROCLOR-1248	ND	0.037	U	mg/Kg	0.037						12672-29-6
Analyte	AROCLOR-1254	ND	0.037	U	mg/Kg	0.037						11097-69-1
Analyte	AROCLOR-1260	<bit>	0.080		mg/Kg	0.037						11096-82-5
Surrogate	DECACHLOROBIPHENYL	qc	0.027		mg/Kg		72	0.037	50 to 150			2051-24-3
Surrogate	TETRACHLORO-M-XYLENE	qc	0.017		mg/Kg		45	0.037	27 to 132			877-09-8

Reference: 59-FHR-SOIL-2 Description: GRAB FIRE HYDRANT REPAIR SOIL PILE SAMPLING Matrix: SOIL Sampled 08/22/03 12:15
SGS Lab Number: TA3H0P498002 Percent Solids: 90 Sample Type: F

Prep Code: SW3541C Prepared: 08/27/03 12:00 Preparation Batch: 084257 Analyst: dee Report Basis: Dry
Rank: 001 Method Code: SW8082 Analyzed: 08/27/03 16:02 Analytical Batch: 084268 Dilution Factor: 1.00 Analytical Run Type: 00

Type	Parameter Name	QF	Result	RE	Units	PQL	%REC	Spk Amt	Spk Limits	RPD	RPDL	CAS Number
Analyte	AROCLOR-1016	ND	0.037	U	mg/Kg	0.037						12674-11-2
Analyte	AROCLOR-1221	ND	0.037	U	mg/Kg	0.037						11104-28-2
Analyte	AROCLOR-1232	ND	0.037	U	mg/Kg	0.037						11141-16-5
Analyte	AROCLOR-1242	ND	0.037	U	mg/Kg	0.037						53469-21-9
Analyte	AROCLOR-1248	ND	0.037	U	mg/Kg	0.037						12672-29-6
Analyte	AROCLOR-1254	ND	0.037	U	mg/Kg	0.037						11097-69-1
Analyte	AROCLOR-1260	<bit>	0.12		mg/Kg	0.037						11096-82-5
Surrogate	DECACHLOROBIPHENYL	qc	0.025		mg/Kg		68	0.037	50 to 150			2051-24-3
Surrogate	TETRACHLORO-M-XYLENE	qc	0.015		mg/Kg		53	0.037	27 to 132			877-09-8

SGS - Environmental Services

1258 Greenbrier Street Charleston WV 25311

Sample Delivery Group: 3H0P498 **Chain of Custody Number: 013826** **Received by SGS 08/26/03 09:20**

ATTN: Bruce Enlian BLASLAND, BOUCK & LEE, INC. PITTSFIELD MA

Reference: 59-FHR-SOIL-3 Description: GRAB FIRE HYDRANT REPAIR SOIL PILE SAMPLING Matrix: SOIL Sampled: 08/22/03 11:30

SGS Lab Number: TA3H0P498005 Percent Solids: 90 Sample Type: F

Prep Code: SW3541C Prepared: 08/27/03 12:00 Preparation Batch: 084257 Analyst: des Report Basis: Dry

Run#: 001 Method Code: SW8082 Analyzed: 08/27/03 16:52 Analytical Batch: 084268 Dilution Factor: 1.00 Analytical Run Type: 00

Type.....	Parameter Name	DF	Result	RF	Units	PQL	MRBC	Spk Amt	Spk Limits	RPD	PDNL	CAS Number
Analyte....	AROCLOR-1016	MD	0.037 U		mg/Kg	0.037						12674-11-2
Analyte....	AROCLOR-1221	MD	0.037 U		mg/Kg	0.037						11104-28-2
Analyte....	AROCLOR-1232	MD	0.037 U		mg/Kg	0.037						11141-16-5
Analyte....	AROCLOR-1242	MD	0.037 U		mg/Kg	0.037						53469-21-9
Analyte....	AROCLOR-1248	MD	0.037 U		mg/Kg	0.037						12672-29-6
Analyte....	AROCLOR-1254	MD	0.037 U		mg/Kg	0.037						11097-69-1
Analyte....	AROCLOR-1260	MD	0.086		mg/Kg	0.037						11096-82-5
Surrogate..	DECACHLOROBIPHENYL	qc	0.026		mg/Kg		69	0.037	50 to 150			2051-24-3
Surrogate..	TETRACHLORO-M-XYLENE	qc	0.023		mg/Kg		62	0.037	27 to 132			877-09-8

Reference: 59-FHR-SOIL-DUP-1 Description: GRAB FIRE HYDRANT REPAIR SOIL PILE SAMPLING Matrix: SOIL Sampled: 08/22/03 00:00

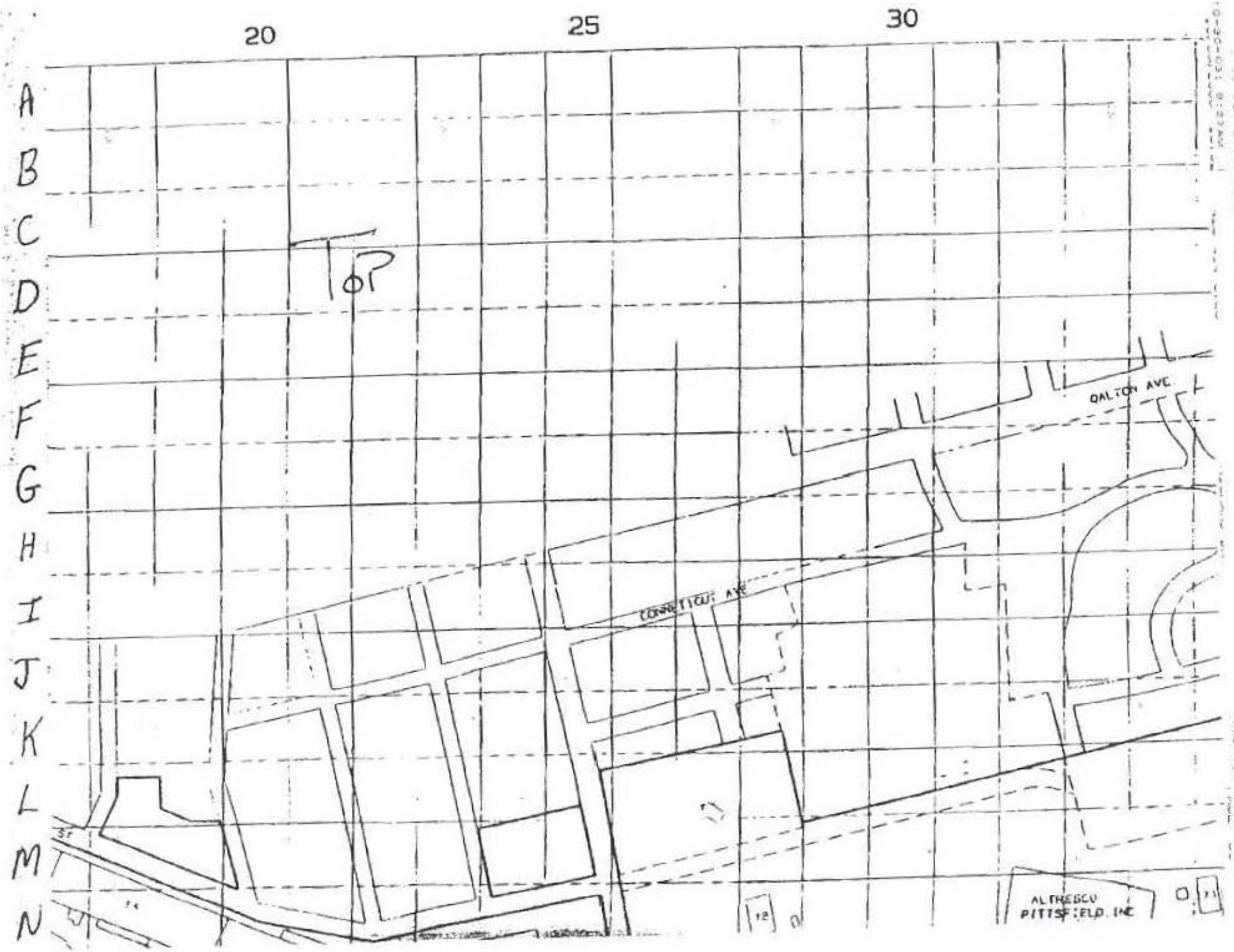
SGS Lab Number: TA3H0P498006 Percent Solids: 90 Sample Type: F

Prep Code: SW3541C Prepared: 08/27/03 12:00 Preparation Batch: 084257 Analyst: des Report Basis: Dry

Run#: 001 Method Code: SW8082 Analyzed: 08/27/03 17:09 Analytical Batch: 084268 Dilution Factor: 1.00 Analytical Run Type: 00

Type.....	Parameter Name	DF	Result	RF	Units	PQL	MRBC	Spk Amt	Spk Limits	RPD	PDNL	CAS Number
Analyte....	AROCLOR-1016	MD	0.037 U		mg/Kg	0.037						12674-11-2
Analyte....	AROCLOR-1221	MD	0.037 U		mg/Kg	0.037						11104-28-2
Analyte....	AROCLOR-1232	MD	0.037 U		mg/Kg	0.037						11141-16-5
Analyte....	AROCLOR-1242	MD	0.037 U		mg/Kg	0.037						53469-21-9
Analyte....	AROCLOR-1248	MD	0.037 U		mg/Kg	0.037						12672-29-6
Analyte....	AROCLOR-1254	MD	0.037 U		mg/Kg	0.037						11097-69-1
Analyte....	AROCLOR-1260	MD	0.083		mg/Kg	0.037						11096-82-5
Surrogate..	DECACHLOROBIPHENYL	qc	0.031		mg/Kg		83	0.037	50 to 150			2051-24-3
Surrogate..	TETRACHLORO-M-XYLENE	qc	0.028		mg/Kg		76	0.037	27 to 132			877-09-8

Attachment 5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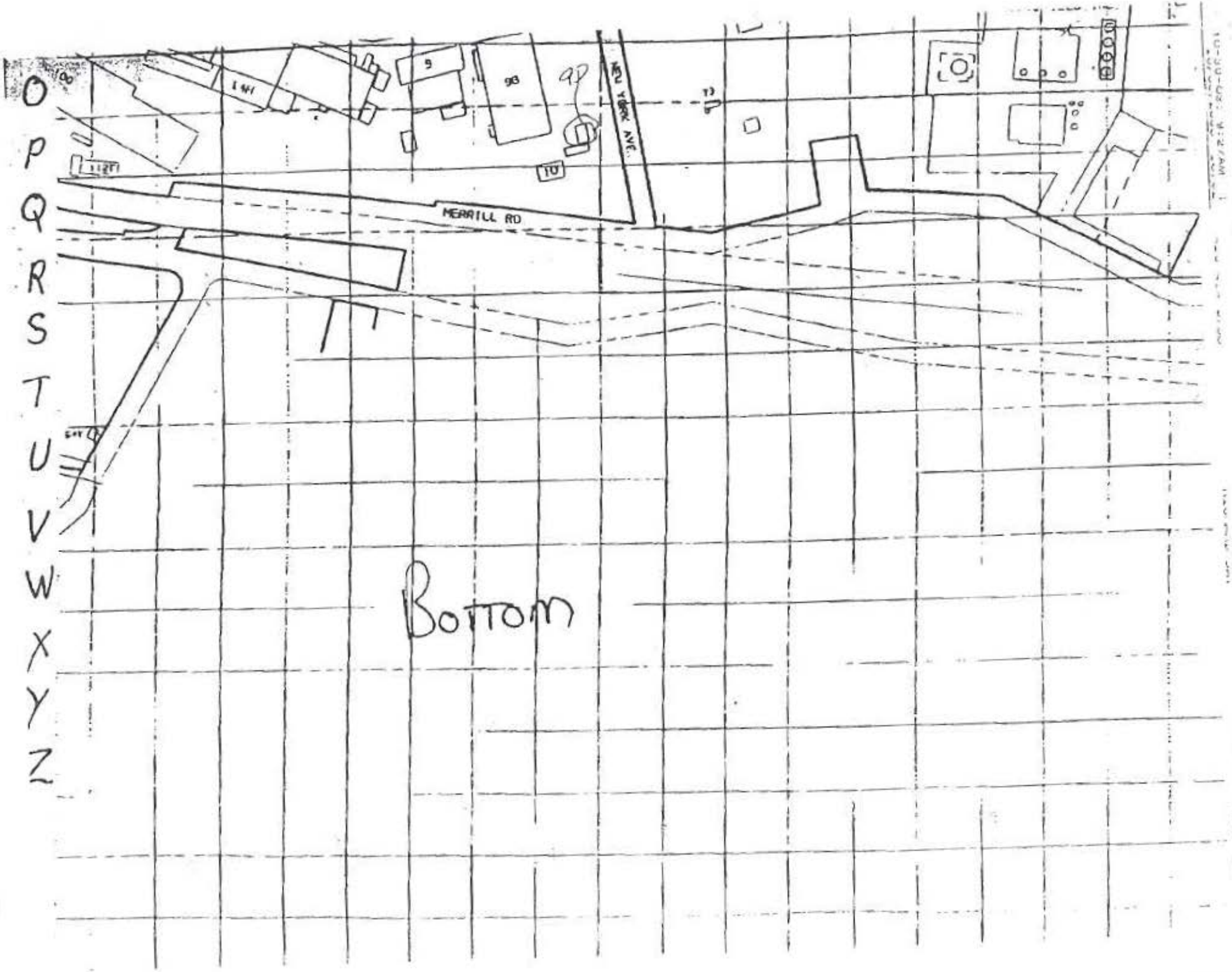
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BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Building 9D Manhole / Drainpipe Excavation Soil Sampling Program

(401.70.02)

(Table 1)

LAB ID	SAMPLE DATE	PCBs (ppm)	SAMPLE MATERIAL	SAMPLE TYPE	PID READINGS (ppm)
9D-25-P-SOIL-1	12/4/03	29.9	SOIL	DISCRETE-GRAB	0.0
9D-25-P-SOIL-2	12/4/03	3.2	SOIL	DISCRETE-GRAB	0.0
9D-25-P-SOIL-3	12/4/03	56.	SOIL	DISCRETE-GRAB	0.0

SGS - Environmental Services

1258 Greenbrier Street Charleston WV 25311

Sample Delivery Group: 3LOP131 **Chain of Custody Number: 016822** **Received by SGS 12/05/03 09:35**

ATTN: Bruce Eulian BLASLAND, BOUCK & LEE, INC. PITTSFIELD MA

Reference: 9D-25-P-SOIL-1 Description: GRAB BLD 9D GRID 25-P Matrix: SOIL Sampled: 12/04/03 10:00
SGS Lab Number: TA3LOP131001 Percent Solids: 90 Sample Type: F

Prep Code: SW3541C Prepared: 12/05/03 12:30 Preparation Batch: 089133 Analyst: des Report Basis: Dry
Run#: 001 Method Code: SW8082 Analyzed: 12/05/03 21:52 Analytical Batch: 089134 Dilution Factor: 100.00 Analytical Run Type: 00

Type	Parameter Name	QF	Result	RF	Units	PQL	%REC	Spk Amt	Spk Limits	RPD	PDRL	CAS Number
Analyte....	AROCLOR-1016	ND	3.7	U	mg/Kg	3.7						12674-11-2
Analyte....	AROCLOR-1221	ND	3.7	U	mg/Kg	3.7						11104-28-2
Analyte....	AROCLOR-1232	ND	3.7	U	mg/Kg	3.7						11141-16-5
Analyte....	AROCLOR-1242	ND	3.7	U	mg/Kg	3.7						53469-21-9
Analyte....	AROCLOR-1248	ND	3.7	U	mg/Kg	3.7						12672-29-6
Analyte....	AROCLOR-1254	<Hit>	7.9		mg/Kg	3.7						11097-69-1
Analyte....	AROCLOR-1260	<Hit>	20		mg/Kg	3.7						11096-82-5
Surrogate..	DECACHLOROBIPHENYL	qc	0.0	D	mg/Kg		0.0	0.037	30 to 150			2051-24-3
Surrogate..	TETRACHLORO-M-XYLENE	qc	0.0	D	mg/Kg		0.0	0.037	27 to 132			877-09-8

Reference: 9D-25-P-SOIL-2 Description: GRAB BLD 9D GRID 25-P Matrix: SOIL Sampled: 12/04/03 10:15
SGS Lab Number: TA3LOP131002 Percent Solids: 90 Sample Type: F

Prep Code: SW3541C Prepared: 12/05/03 12:30 Preparation Batch: 089133 Analyst: des Report Basis: Dry
Run#: 001 Method Code: SW8082 Analyzed: 12/05/03 22:09 Analytical Batch: 089134 Dilution Factor: 10.00 Analytical Run Type: 00

Type	Parameter Name	QF	Result	RF	Units	PQL	%REC	Spk Amt	Spk Limits	RPD	PDRL	CAS Number
Analyte....	AROCLOR-1016	ND	0.37	U	mg/Kg	0.37						12674-11-2
Analyte....	AROCLOR-1221	ND	0.37	U	mg/Kg	0.37						11104-28-2
Analyte....	AROCLOR-1232	ND	0.37	U	mg/Kg	0.37						11141-16-5
Analyte....	AROCLOR-1242	ND	0.37	U	mg/Kg	0.37						53469-21-9
Analyte....	AROCLOR-1248	ND	0.37	U	mg/Kg	0.37						12672-29-6
Analyte....	AROCLOR-1254	<Hit>	1.0		mg/Kg	0.37						11097-69-1
Analyte....	AROCLOR-1260	<Hit>	2.7		mg/Kg	0.37						11096-82-5
Surrogate..	DECACHLOROBIPHENYL	qc	0.0	D	mg/Kg		0.0	0.037	50 to 156			2051-24-3
Surrogate..	TETRACHLORO-M-XYLENE	qc	0.0	D	mg/Kg		0.0	0.037	27 to 132			877-09-8

SGS - Environmental Services

1258 Greenbrier Street Charleston WV 25311

Sample Delivery Group: 3LOP131 **Chain of Custody Number: 016822** **Received by SGS 12/05/03 09:35**
ATTN: Bruce Eulian BLASLAND, BOUCK & LEE, INC. PITTSFIELD MA

Reference: 9D-25-P-SOIL-3 Description: GRAB BLD 9D GRID 25-P Matrix: SOIL Sampled: 12/04/03 10:30
SGS Lab Number: TA3L0P131003 Percent Solids: 91 Sample Type: F

Prep Code: SW3541C Prepared: 12/05/03 12:30 Preparation Batch: 089133 Analyst: des Report Basis: Dry
Run#: 001 Method Code: SW8082 Analyzed: 12/05/03 22:25 Analytical Batch: 089133 Dilution Factor: 500.00 Analytical Run Type: 00

Type	Parameter Name	QF	Result	RF	Units	PQL	%REC	Spk Amt	Spk Limits	RPD	PDMG	CAS Number
Analyte....	AROCLOR-1016	ND	18	U	mg/Kg	18						12674-11-2
Analyte....	AROCLOR-1221	ND	18	U	mg/Kg	18						11104-28-2
Analyte....	AROCLOR-1232	ND	18	U	mg/Kg	18						11141-16-5
Analyte....	AROCLOR-1242	ND	18	U	mg/Kg	18						53469-21-9
Analyte....	AROCLOR-1248	ND	18	U	mg/Kg	18						12672-29-6
Analyte....	AROCLOR-1254	<Hit>	30		mg/Kg	18						11097-69-1
Analyte....	AROCLOR-1260	<Hit>	26		mg/Kg	18						11096-82-5
Surrogate..	DECACHLOROBIPHENYL	QC	0.0	D	mg/Kg		0.0	0.036	50 to 150			2051-24-3
Surrogate..	TETRACHLORO-M-XYLENE	QC	0.0	D	mg/Kg		0.0	0.036	27 to 132			877-09-8