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**MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT SUMMARY
FOR EAST STREET AREA 2/USEPA AREA 4**

VOLUME II OF XII

**GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS**

AUGUST 1994

**BLASLAND, BOUCK & LEE, INC.
6723 TOWPATH ROAD
SYRACUSE, NEW YORK 13214**

SDMS DocID 000213371



**MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT SUMMARY
FOR EAST STREET AREA 2/USEPA AREA 4**

TABLE OF CONTENTS

VOLUME II OF XII

TABLES

Table 1-1	Summary of East Street Area 2 Studies: July 1980 - May 1994
Table 2-1	Summary of Property Owners Adjacent to the East Street Area 2/USEPA Area 4 Site
Table 2-2	Summary of Historical Aerial Photographs Illustrating East Street Area 2: 1914-1994
Table 4-1	Well Construction Data
Table 4-2	Summary of MCP Oil Sample Results
Table 4-3	Summary of MCP Soil Boring Data - Scrap Yard Area - VOCs
Table 4-4	Summary of MCP Soil Boring Data - Scrap Yard Area - SVOCs
Table 4-5	Summary of MCP Soil Boring Data - Scrap Yard Area - Inorganics
Table 4-6 (a-d)	Summary of MCP Soil Boring Data - Scrap Yard Area - PCBs
Table 4-7	Summary of MCP Soil Boring Data - Scrap Yard Area - Herbicides/Pesticides
Table 4-8	Summary of MCP Soil Data from Monitoring Wells - VOCs
Table 4-9	Summary of MCP Soil Data from Monitoring Wells - SVOCs
Table 4-10	Summary of MCP Soil Data from Monitoring Wells - Inorganics
Table 4-11	Summary of MCP Soil Data from Monitoring Wells - PCBs
Table 4-12	Summary of Groundwater Data - VOCs
Table 4-13	Summary of Groundwater Data - SVOCs
Table 4-14	Summary of Groundwater Data - Inorganics
Table 4-15	Summary of Pre-MCP Groundwater Data North of Railroad Tracks
Table 4-16	Summary of Pre-MCP Groundwater Data Related to Recharge Pond
Table 4-17	Summary of MCP Soil Boring Data - Oxbow & Gas Plant - VOCs
Table 4-18	Summary of MCP Soil Boring Data - Oxbow & Gas Plant - SVOCs
Table 4-19	Summary of Soil Boring Data - Oxbow & Gas Plant - Inorganics
Table 4-20 (a-d)	Summary of MCP Soil Boring Data - Oxbow & Gas Plant - PCBs
Table 4-21	Summary of MCP Soil Boring Data - Oxbow & Gas Plant - Herbicides/Pesticides
Table 4-22	Summary of DNAPL Results Related to Well ES2-6
Table 4-23	Soil and Groundwater Sample Collection Summary for USEPA Area 4
Table 4-24	Summary of USEPA Area 4 Soil Boring Data - VOCs
Table 4-25	Summary of USEPA Area 4 Soil Boring Data - SVOCs

MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT SUMMARY
FOR EAST STREET AREA 2/USEPA AREA 4

TABLE OF CONTENTS
(cont'd)

TABLES (cont'd)

Table 4-26 (a-c)	Summary of USEPA Area 4 Soil Boring Data - PCBs
Table 4-27	Summary of USEPA Area 4 Soil Boring Data - Inorganics
Table 4-28	Summary of USEPA Area 4 Groundwater Data - VOCs
Table 4-29	Summary of USEPA Area 4 Groundwater Data - SVOCs
Table 4-30	Summary of USEPA Area 4 Groundwater Data - Inorganics
Table 4-31	Summary of Photoionization Detector Readings
Table 4-32	Summary of Slug Test Results
Table 4-33	Summary of Till Surface Data
Table 6-1	Summary of PCB Surficial Soil Appendix IX+3 Data
Table 8-1	Summary of Ambient Air PCB Concentration
Table 9-1	Physical and Chemical Properties of Select Constituents

FIGURES

Figure 1-1	Location Plan
Figure 1-2	Site Plan
Figure 1-3	Location of Former Berkshire Gas Facilities
Figure 2-1	Summary of Adjacent Property Owners
Figure 2-2	1942 Aerial Photograph
Figure 2-3	1969 Aerial Photograph
Figure 2-4	1960 Aerial Photograph
Figure 2-5	Surface Cover Map
Figure 2-6	1992 Wind Rose
Figure 3-1	USEPA Area 4 SWMU Locations
Figure 3-2	USEPA Area 4 Underground Storage Tank Locations
Figure 4-1	Soil Boring and Well Location Map
Figure 4-2	Location of Hydrogeologic Cross Sections
Figure 4-3	Hydrogeologic Cross Section A to A'
Figure 4-4	Hydrogeologic Cross Section B to B'
Figure 4-5	Groundwater Contour Map - October 1982
Figure 4-6	Groundwater Contour Map - April 1986
Figure 4-7	Groundwater Contour Map - April 1989
Figure 4-8	Groundwater Contour Map - April 1992
Figure 4-9	Sequence of Monitoring Well Installation
figure 4-10	Oil Plume Map - October 1982
Figure 4-11	Oil Plume Map - April 1986
Figure 4-12	Oil Plume Map - October 1989
Figure 4-13	Oil Plume Map - April 1992
Figure 4-14	Location of East Street Area 2 River Bank Study Soil Borings and Piezometers
Figure 4-15	Hydrogeologic Cross Section C to C' (River Bank)
Figure 4-16	Hydrogeologic Cross Section D to D' (Scrap Yard)
Figure 4-17	Soil/Fill Characterization - Scrap Yard Area

MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT SUMMARY
FOR EAST STREET AREA 2/USEPA AREA 4

TABLE OF CONTENTS
(Cont'd)

FIGURES (cont'd)

Figure 4-18	Distribution of Organic Compounds in Soil/Fill - Scrap Yard
Figure 4-19	Distribution of Total PCBs in Soil/Fill - Scrap Yard Area
Figure 4-20	Distribution of Organic Compounds in Groundwater January-February 1991
Figure 4-21	Oxbow and Gas Plant Geologic Cross Section E to E'
Figure 4-22	Oxbow and Gas Plant Geologic Cross Section F to F'
Figure 4-23	Soil/Fill Characterization - Oxbow and Gas Plant
Figure 4-24	Distribution of Organic Compounds in Soil/Fill - Oxbow and Gas Plant
Figure 4-25	Distribution of Total PCBs in Soil/Fill - Oxbow & Gas Plant
Figure 4-26	Groundwater Data - Volatiles
Figure 4-27	Groundwater Data - Semivolatiles
Figure 4-28	Groundwater Data - Select Inorganics
Figure 4-29	Top of Till Elevation Contour Map
Figure 5-1	MCP Housatonic River Surface Water and Sediment Sampling Locations
Figure 6-1	MCP Surficial Soil Sampling Locations
Figure 7-1	Miscellaneous Soil Excavations
Figure 7-2	Additional Miscellaneous Soil Excavations



Tables

TABLE 1-1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF EAST STREET AREA 2 STUDIES: JULY 1980 - MAY 1994

Author(s)	Title and Date of Report/Study
G&M	Installation of Wells, Storage Tank Area, East Street Area 2, July 1980
G&M	East Street Area 2 Quarterly Monitoring Report, September 1981
G&M	East Street Area 2 Quarterly Monitoring Report, December 1982
G&M	East Street Area 2 Semi-Annual Monitoring, December 1983
G&M	East Street Area 2 Semi-Annual Monitoring Report, December 1984
G&M	East Street Area 2 Semi-Annual Monitoring Report, June 1985
G&M	East Street Area 2 Semi-Annual Monitoring Report, February 1986
G&M	East Street Area 2 Supplemental Oil Control, March 1986
BBEPC	Evaluation of Ground Water Recovery and Monitoring Systems East Street Area 2, May 1986
G&M	East Street Area 2 Semi-Annual Monitoring Report, July 1986
G&M	Ground Water Monitoring Program East Street Area 2, August 1986
BBEPC	Ground Water Recovery System East Street Area 2, September, 1986
G&M	Occurrence of Oil, East Street Area 2, December 1986
G&M	Oil Monitoring Program, East Street Area 2, March 1987
G&M	Occurrence of Oil, East Street Area 2, September 1987
G&M	Well Development Project For Oil Recovery Well 64V (East Street Area 2), October 1987

(See abbreviations on Page 5)

TABLE 1-1
(Cont'd.)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF EAST STREET AREA 2 STUDIES: JULY 1980 - MAY 1994

Author(s)	Title and Date of Report/Study
G&M	Installation of Wells, Storage Tank Area, East Street Area 2, July 1980
BBEPC	Disposition of PCB-Regulated Material (for Treatment and Slurry Wall, East Street Area 2), November 1987
G&M	Occurrence of Oil, East Street Area 2, January 1987
G&M	An Evaluation of Oil, Occurrence, and Oil Recovery in the Vicinity of Recovery Well 64V: Draft, March 1988
G&M	Occurrence of Oil East Street Area 2, July 1988
G&M	Results of Aquifer Tests Conducted In Caisson 64X(S): Draft, September 1988
G&M	Occurrence of Oil, East Street Area 2, December 1988
G&M	Evaluation of the Oil Recovery Systems and Operation/Management Plan, East Street Area 2, December 1988
G&M	Ground Water Sampling Program in the East Street Area 2 Project Site, March 1989
HLA	Assessment of the Effectiveness of Oil Recovery Systems at the General Electric Facility (64V), June 1989
GT	East Street Area 2 Monitoring Report, June 1989
GT	East Street Area 2 Monitoring Report, December 1989
G&M	3C Yard and Area 2 (East St) Soil Boring Program, March 1990
G&M	Results of the Soil Boring Program at the Gate 15 Parking Lot, April 1990
G&M	Results of the Soil Boring Program Adjacent to Building 100, April 1990

(See abbreviations on Page 5)

TABLE 1-1
(Cont'd.)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF EAST STREET AREA 2 STUDIES: JULY 1980 - MAY 1994

Author(s)	Title and Date of Report/Study
G&M	Installation of Wells, Storage Tank Area, East Street Area 2, July 1980
BBEPC	East Street Area 2 MCP Phase II Supplemental Data Summary, May 1990
G&M	Occurrence of Oil East Street Area 2, June 1990
BBEPC	East Street Area 2 Ground-Water Treatability Study: Draft Report, July 1990
GE	Area 2 River Bank Investigation, August 1990
GE	Proposal for Short-Term Measures at East Street Areas 1 and 2, August 1990
BBEPC	East Street Area 2 MCP Phase II Scope of Work, August 1990
BBEPC	Scope of Work for Facility Air Monitoring Program (Attachment I, Ambient Air PCB Monitoring Program and Attachment II, Air Migration Assessment for East St Area 2), August 1990
G&M	Occurrence of Oil, East Street Area 2, December 1990
G&M	River Bank Well Installation Near Building 64X, January 1991
G&M	Occurrence of Oil, East Street Area 2, June 1991
ZEE	Ambient Air Monitoring for Polyaromatic Hydrocarbons at General Electric Company, Pittsfield, Massachusetts (No Date)
G&M	Occurrence of Oil, East Street Area 2, December 1991
GOLDER	Pumping Test Analyses and Evaluation of Recovery Measures - East Street Area 2, April 1992

(See abbreviations on Page 5)

**TABLE 1-1
(Cont'd.)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4**

SUMMARY OF EAST STREET AREA 2 STUDIES: JULY 1980 - MAY 1994

Author(s)	Title and Date of Report/Study
G&M	Installation of Wells, Storage Tank Area, East Street Area 2, July 1980
G&M	Occurrence of Oil, East Street Area 2, June 1992
ZEE	Ambient Air Monitoring for PCB, August 20, 1991 - August 14, 1992, General Electric Co., Pittsfield, Massachusetts, November 1992.
G&M	Occurrence of Oil, East Street Area 2, December 1992
ZEE	MCP Scope of Work for Additional PCB Ambient Air Monitoring, General Electric Co., Pittsfield, Massachusetts, January 1993
G&M	Occurrence of Oil, East Street Area 2, June 1993
GOLDER	Evaluation of River Bank Recovery Measures: RW-1(X) System, East Street Area 2, Pittsfield, Massachusetts, June 1993
ZEE	Ambient Air Monitoring for PCB, May 4, 1993 to August 17, 1993, General Electric Co., Pittsfield, Massachusetts, November 1993
G&M	Occurrence of Oil, East Street Area 2, December 1993
RUST	East Street Area 2 - Supplemental Monitoring Wells, December 1993
BBL	Interim Measure Proposal, Control of Oil Seepage into the Housatonic River, February 1994
BBL	Interim Measure Proposals, Oil Recovery Programs in East Street Areas 1 and 2, February 1994

(See abbreviations on Page 5)

TABLE 1-1
(Cont'd.)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF EAST STREET AREA 2 STUDIES: JULY 1980 - MAY 1994

Abbreviations:

G&M - Geraghty & Miller, Inc.
BBEPC - Blasland & Bouck Engineers, P.C.
HLA - Harding Lawson Associates
GT - Groundwater Technology
GE - General Electric Company
GOLDER - Golder Associates
ZEE - Zorex Environmental Engineers, Inc.
BBL - Blasland, Bouck & Lee, Inc.
RUST - Rust Environmental & Infrastructure

TABLE 2-1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT FOR EAST STREET
AREA 2 AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF PROPERTY OWNERS ADJACENT TO THE EAST
STREET AREA 2/USEPA AREA 4 SITE

Parcel Identification	Owner/Address
I10-4-3, I10-4-15, I10-9-2, J10-1-1, J10-1-3	Properties owned by the General Electric Company and comprise the East Street Area 2/USEPA Area 4 Site.
19-8-2	Western Massachusetts Electric Company East Street Pittsfield, MA 01201
19-8-3	Whitney P. Gilman 814 East Street Pittsfield, MA 01201
19-8-4	Gino M. Valenti 824-826 East Street Pittsfield, MA 01201
I10-4-5	Robert B. Slutzkin 2 Brown Street Pittsfield, MA 01201
I10-4-16	Western Massachusetts Electric Company Fourth Street Pittsfield, MA 01201
I10-5-1	General Electric Company 100 Woodlawn Avenue Pittsfield, MA 01201
I10-5-2	Charles Bashara Tyler Street Pittsfield, MA 01201
I10-6-1	Bessie E. Pupo 57 Kellogg Street Pittsfield, MA 01201
I10-6-2	Virgilio J. Walto 59 Kellogg Street Pittsfield, MA 01201
I10-6-3	Pittsfield GE Employees 75 Kellogg Street Pittsfield, MA 01201
I10-6-25	Virgilio J. Walto 63 Kellogg Street Pittsfield, MA 01201
I10-7-1	M. Callahan, Inc. Kellogg Street Pittsfield, MA 01201

TABLE 2-1
(cont'd)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT FOR EAST STREET
AREA 2 AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF PROPERTY OWNERS ADJACENT TO THE EAST
STREET AREA 2/USEPA AREA 4 SITE

Parcel Identification	Owner/Address
110-7-2	Robert C. Scott 33-33½ and 35-35½ Kellogg Street Pittsfield, MA 01201
110-7-3	Robert C. Scott 37 Kellogg Street Pittsfield, MA 01201
110-7-4	Michael J. Garvey 39 Kellogg Street Pittsfield, MA 01201
110-7-5	Agnes E. Soutier 43 Kellogg Street Pittsfield, MA 01201
110-8-4	Forty Eight Realty Trust 15-17 Kellogg Street Pittsfield, MA 01201
110-8-5	Morrell Sondrini, Inc. 5 Parker Street Pittsfield, MA 01201
J10-5-1	Deno Renieri 366-368 Newell Street Pittsfield, MA 01201
J10-6-1	Mario Capitania 378 Newell Street Pittsfield, MA 01201
J10-6-25	Robert J. Marley 402-404 Newell Street Pittsfield, MA 01201
J10-6-26	Robert J. Marley 398 Newell Street Pittsfield, MA 01201
J10-6-28	Tosca Patti 21 Milan Street Pittsfield, MA 01201
J10-6-29	Remo Delgallo 390 Newell Street Pittsfield, MA 01201
J10-6-30	Mario Capitania 384-388 Newell Street Pittsfield, MA 01201
J11-3-1	Dominic T. Salvatore 2-10 Dalton Avenue Pittsfield, MA 01201

TABLE 2-1
(cont'd)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT FOR EAST STREET
AREA 2 AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF PROPERTY OWNERS ADJACENT TO THE EAST
STREET AREA 2/USEPA AREA 4 SITE

Parcel Identification	Owner/Address
J11-3-2	City of Pittsfield Savings Bank 14-16 Dalton Avenue Pittsfield, MA 01201
J11-3-3	Faisal I. Ali 875-879 Tyler Street Pittsfield, MA 01201
J11-3-4	Thomas R. Tetro 893-895 Tyler Street Pittsfield, MA 01201
J11-3-5	Francis Davella 899-901 Tyler Street Pittsfield, MA 01201
J11-3-6	Elaine F. Litourneau 911-913 Tyler Street Pittsfield, MA 01201
J11-3-7	Timothy R. Bush 919 Tyler Street Pittsfield, MA 01201
J11-3-8	Richard A. Bigwood 927-929 Tyler Street Pittsfield, MA 01201
J11-3-9	Keith K. Vincent 941-943 Tyler Street Pittsfield, MA 01201
J11-3-10	Sherri Stapleberg 953-955 Tyler Street Pittsfield, MA 01201
J11-3-11	John Russo 967 Tyler Street Pittsfield, MA 01201
J11-3-12	John Russo Tyler Street Pittsfield, MA 01201
J11-3-13	General Electric Company Tyler Street Pittsfield, MA 01201
J11-4-1	Frank Nascimento 4 Harvard Street-1045 Tyler Street Pittsfield, MA 01201
J11-4-2	Kevin P. Fox 1053-1055 Tyler Street Pittsfield, MA 01201

TABLE 2-1
(cont'd)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT FOR EAST STREET
AREA 2 AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF PROPERTY OWNERS ADJACENT TO THE EAST
STREET AREA 2/USEPA AREA 4 SITE

Parcel Identification	Owner/Address
J11-4-3	Lillian J. Lussier 1067-1069 Tyler Street Pittsfield, MA 01201
J11-4-4	Margaret E. Klemansky 1071-1073 Tyler Street Pittsfield, MA 01201
J11-4-5	John T. Carter 1083-1095 Tyler Street Pittsfield, MA 01201
J11-4-6	Leslie E. Perkins, Jr. 1093-1097 Tyler Street Pittsfield, MA 01201
J11-7-1	General Electric Company Tyler Street Benedict - Dartmouth Pittsfield, MA 01201
J11-8-1	Peter E. Kellar 94 Benedict Street Pittsfield, MA 01201
J11-8-2	Charlotte M. Kelly 1201 Tyler Street Pittsfield, MA 01201

Notes:

1. Parcel ownership information was obtained from the City of Pittsfield Tax Assessor's Office and is current through December 8, 1992.
2. Refer to Figure 2-1 for illustration of parcel locations.

TABLE 2-2

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2 AND
CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF HISTORICAL AERIAL PHOTOGRAPHS ILLUSTRATING EAST STREET AREA 2: 1914-1994

Date	Photographer	Approx. Scale of Photos	Coverage of Photos
1914 - Present	Various	Various	Various oblique angle photographs of portions of the site.
July 13, 1942	Nat. Arch.	1:16,300	Full coverage of East Street Area 2.
November 24, 1956	Col-East	1:19,200	Southern and western portions of East Street Area 2.
October 3, 1957	Col-East	1:25,000	Full coverage of East Street Area 2.
July 3, 1960	Col-East	1:2,400	Southern portions of East Street Area 2, south of East Street.
April 14, 1969	Col-East	1:4,800	Full coverage of East Street Area 2.
July 1, 1974	Col-East	1:2,400	Southern portions of East Street Area 2, south of East Street.
March 21, 1979	Col-East	1:6,000	Southern portions of East Street Area 2, south of railroad tracks and western portions of site.
November 3, 1981	Col-East	1:2,400	Southern portions of East Street Area 2, south of East Street.
April 13, 1983	Quinn	1:12,000	Full coverage of East Street Area 2.
November 1, 1987	Col-East	1:19,200	A small portion of East Street Area 2 along eastern side.
April 23, 1990	Lockwood	1:6,000	Full coverage of East Street Area 2.
August 8, 1990	Col-East	1:6,000	Southern and western portions of East Street Area 2.

Abbreviations:

Nat. Arch. - USGS National Archives, Washington, D.C.
Col-East - Col-East, Inc., North Adams, Massachusetts
Quinn - Quinn Associates, Inc., Horsham, Pennsylvania
Lockwood - Lockwood Mapping, Inc., Rochester, New York

TABLE 4-1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

WELL CONSTRUCTION DATA

Well Number	Elevation of Measuring Point (feet above mean sea level)	Bottom of Well (feet below land surface)	Length of Screen (feet)	Depth to Top of Screen (feet below land surface)	Elevation of the Top of the Screen (feet above mean sea level)
Tank Farm Area					
A	992.73	25	15	10	982.7
B	994.26	25	15	10	984.3
C	996.47	25	15	10	981.5
E	996.76	30	15	15	981.8
F	1000.89	30	15	15	985.9
G	993.83	25	10	15	978.3
H	995.54	35	15	20	975.9
I	997.79	25	10	15	982.8
J	997.64	25	10	15	982.6
K	995.82	25	10	15	980.8
L	994.18	25	10	15	979.2
M	993.06	25	10	15	978.1
N	1006.72	30	15	15	991.7
O	1003.77	30	10	20	983.8
Q	1002.66	28	20	8	994.7
R	1002.88	29	20	9	993.9
S	998.71	24	23	1	997.7
U	998.89	29	25	4	994.9
V	999.67	30	20	10	989.7
W	1005.02	35	30	5	1000.0
X	999.41	30	20	10	989.4
Y	1002.86	36	30	6	996.9
Z	999.30	35	10	15	984.3
AA-1	999.09	30	15	15	984.1
AA-2	999.24	35	5	30	969.9
BB	999.18	30	15	15	984.2
CC	998.84	30	15	15	983.8
DD	1000.69	30	15	15	985.7
EE	1004.27	35	15	20	984.3
FF	1005.70	35	15	20	985.7
GG	1007.40	35	15	20	987.4

TABLE 4-1
(Cont'd)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

WELL CONSTRUCTION DATA

Well Number	Elevation of Measuring Point (feet above mean sea level)	Bottom of Well (feet below land surface)	Length of Screen (feet)	Depth to Top of Screen (feet below land surface)	Elevation of the Top of the Screen (feet above mean sea level)
Tank Farm Area (cont'd)					
HH	1006.93	40	20	20	986.9
II	1007.26	35	15	20	987.3
JJ	1006.38	38	15	23	983.4
KK	1006.61	33	15	18	988.6
LL	996.25	22	10	12	984.3
MM	994.00	23	10	13	981.0
NN	994.27	24.5	10	14	980.3
OO	995.65	24	10	14	981.7
PP	995.77	28.5	15	13	982.8
QQ	996.16	33.5	15	18.5	977.7
SS	997.53	39	25	14	983.5
TT	996.20	34.5	20	14	982.2
UU	997.49	29.5	15	14.5	983.0
VV	997.97	28	15	12.5	985.5
WW	996.87	35	30	5	991.9
UU-R	997.70	30	20	10	987.7
N-R	1008.24	NA	NA	NA	NA
O-R	1000.28	NA	NA	NA	NA
North of the Railroad Tracks					
1	1023.22	25	10	15	1008.2
2	1015.56	20	10	10	1006.2
3	1010.60	20	10	10	1000.6
4	1010.15	39	16	23	987.2
5	1009.23	28	10	18	991.2
6	1010.83	37	10	27	983.8
7	1010.41	40	10	30	980.4
8	1010.89	38	10	28	982.9
9	1011.01	34	10	24	987.0
10	1010.51	35	10	25	985.5
11	1010.85	40	10	10	980.9

TABLE 4-1
(Cont'd)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

WELL CONSTRUCTION DATA

Well Number	Elevation of Measuring Point (feet above mean sea level)	Bottom of Well (feet below land surface)	Length of Screen (feet)	Depth to Top of Screen (feet below land surface)	Elevation of the Top of the Screen (feet above mean sea level)
North of the Railroad Tracks (cont'd)					
12	1012.71	25	10	15	997.7
13	1019.50	30	10	20	999.5
14	1010.53	34	10	24	986.5
15	1010.37	40	10	30	980.4
16	1010.65	40	10	30	980.7
17	1010.49	40	10	30	980.5
18	1010.75	40	10	30	980.8
19	1010.68	40	10	30	980.7
20	1010.66	40	10	30	980.7
21	1010.81	40	10	30	980.8
22	1010.64	40	10	30	980.6
23	1011.13	40	10	30	981.1
24	1010.50	40	10	30	980.5
25	1010.80	45	10	35	975.8
26	1011.02	45	10	35	976.0
27	1010.40	35	10	25	985.4
28	1010.59	40	10	30	680.6
29	1010.83	45	10	35	975.8
30	1011.19	35	10	25	986.2
31	1012.08	20	10	10	1002.1
32	1011.18	20	10	10	1001.2
33	1011.27	20	10	10	1001.3
C-1	1015.13	--	--	--	--
South of East Street					
1	992.85	25	10	15	977.9
1R	992.72	25	15	10	982.9
2	995.64	25	10	15	980.6
3	993.96	25	10	15	979.0
4	993.79	25	15	10	983.8

TABLE 4-1
(Cont'd)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

WELL CONSTRUCTION DATA

Well Number	Elevation of Measuring Point (feet above mean sea level)	Bottom of Well (feet below land surface)	Length of Screen (feet)	Depth to Top of Screen (feet below land surface)	Elevation of the Top of the Screen (feet above mean sea level)
South of East Street (cont'd)					
5	992.94	20	10	10	981.9
5A	994.05	NA	NA	NA	NA
6	991.18	25	10	15	976.2
7	989.12	25	10	15	974.1
8	985.35	20	10	10	975.4
9	986.95	25	10	15	972.0
9R	986.88	20	15	5	981.9
10	987.95	20	10	10	978.0
11	989.00	20	10	10	979.0
11R	988.86	26	20	5	984.2
12	990.37	30	20	10	980.4
13	990.88	30	20	10	980.9
14	991.61	30	20	10	981.6
15	989.37	30	15	15	974.4
15R	989.23	28	20	8	981.23
16	987.18	25	10	15	972.2
16R	987.10	26	20	5.9	982.4
17	985.28	25	10	15	970.3
17R	984.89	28	20	6.6	978.7
18	983.33	24.5	15	9	974.3
19	983.59	24.5	15	10	973.6
20	985.47	25	15	10	975.5
21	983.82	20	10	10	973.8
22	994.69	27	10	17	977.7
23	995.64	28	20	8	987.6
24	995.16	28.5	20	8.5	986.7
25	992.48	20	20	9	983.5
26	993.59	28.5	20	8.5	985.1
27	993.80	30	20	10	983.8
28	991.86	25	10	15	976.9
29	991.59	27	10	17	974.6

TABLE 4-1
(Cont'd)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

WELL CONSTRUCTION DATA

Well Number	Elevation of Measuring Point (feet above mean sea level)	Bottom of Well (feet below land surface)	Length of Screen (feet)	Depth to Top of Screen (feet below land surface)	Elevation of the Top of the Screen (feet above mean sea level)
<u>South of East Street (cont'd)</u>					
30	989.34	24	10	14	975.3
31	990.60	25	10	15	975.6
32	990.81	19	10	9	981.9
33	991.28	19	10	9	982.3
34	982.54	15	10	5	977.5
35	982.81	15	10	5	977.8
36	983.02	15	10	5	978.0
37	980.37	15	10	5	975.4
38	980.77	15	10	5	975.8
39	983.89	15	10	5	978.9
40	991.60	20	10	10	981.6
41	992.12	20	10	10	982.1
42	988.33	20	10	10	978.3
43	989.67	20	10	10	979.7
44	988.33	20	10	10	978.3
45	986.45	20	10	10	976.5
47	991.09	25	10	15	976.1
48	992.39	25	10	15	977.4
49R	988.71	25	20	5	983.7
49RR	989.80	26	15	10	979.8
50	985.79	26	20	4.5	981.5
51	985.38	26	20	4.5	980.8
52	985.18	26	20	4.2	980.98
53	986.90	28	20	8	978.8
54	985.78	27	20	7	978.8
55	989.45	27	20	7	982.5
56	987.28	27	20	7	980.3
57	989.80	28	20	8	981.8
58	985.79	28	20	8	978.3
59	986.32	28	20	8	978.3

TABLE 4-1
(Cont'd)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

WELL CONSTRUCTION DATA

Well Number	Elevation of Measuring Point (feet above mean sea level)	Bottom of Well (feet below land surface)	Length of Screen (feet)	Depth to Top of Screen (feet below land surface)	Elevation of the Top of the Screen (feet above mean sea level)
South of East Street (cont'd)					
60	996.15	28	15	13	983.5
61	992.31	25	15	10	982.3
62	979.11	20	17	3	976.3
63	986.48	28	15	13	973.7
64	985.00	22	15	7	978.0
65	992.50	30	15	12.3	980.2
66	990.70	30	20	10	980.7
P1	988.75	13.8	10	3.8	985.1
P2	988.22	14	10	4	984.5
P3	989.25	14	10	4	983.9
P3D	988.54	14.8	2	12.8	975.8
P4	987.16	14	10	4	983.3
P5	985.64	13	11.5	1.5	984.2
P6	985.71	11.5	10	1.5	984.2
P7	989.10	10.5	10	0.5	988.6
B-3	(a)	21	9	12	--
B-4	(a)	25	15	10	--
B-5	(a)	27	12	15	--
B-7	(a)	25	15	10	--
B-8	(a)	25	16	9	--
B-9	(a)	25	15	10	--
B-10	(a)	25	15	10	--
MCP Monitoring Wells					
ES2-1	985.36	35	10	25	960.7
ES2-2	980.12	30	10	20	960.9
ES2-2A	979.54	18	15	3	977.1
ES2-3	984.44	28	10	18	966.7
ES2-4	983.84	22	15	7	977.3
ES2-5	990.65	24	15	9	981.8
ES2-6	986.00	47.5	10	37.5	948.8
ES2-7	980.03	43	10	33	947.4

TABLE 4-1
(Cont'd)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

WELL CONSTRUCTION DATA

Well Number	Elevation of Measuring Point (feet above mean sea level)	Bottom of Well (feet below land surface)	Length of Screen (feet)	Depth to Top of Screen (feet below land surface)	Elevation of the Top of the Screen (feet above mean sea level)
MCP Monitoring Wells (cont'd)					
ES2-8	994.87	25	15	10	985.3
ES2-9	991.25	20	10	10	981.6
ES2-10	991.55	20	10	10	981.8
ES2-11	985.05	20	15	5	980.8
ES2-12	984.41	20	15	4.5	980.5
RF-1	984.42	19	15	4	980.8
RF-2	982.35	18	15	3	980.2
RF-3	985.29	18	15	3	982.7
RF-4	1011.99	25	15	10	1002.2
RF-16	987.91	25	15	7	981.15
RW-1(X)	982.68	24	15	9	973.9
RW-2(X)	985.96	25	15	9	977.0

Notes:

(a) B-series well casings are broken at land surface and screen lengths and, therefore, approximate. Detailed surveying was not performed.

NA - Information not available.

TABLE 4-2

GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP OIL SAMPLE RESULTS

Parameter:	Location:	64V	64S
VOLATILE ORGANICS (ppm)			
Benzene		190	--
Chlorobenzene		250	540
Ethylbenzene		800	64
Xylenes (Total)		830	71
2-Butanone		170	100
SEMIVOLATILE ORGANICS (ppm)			
Acenaphthene		10,300	546
1,3-Dichlorobenzene		--	477
1,4-Dichlorobenzene		1,325	--
2,6-Dinitrotoluene		2,480	--
Fluoranthene		6,238	305
Naphthalene		49,270	7,700
Benzo(a)anthracene		3,410	--
Benzo(a)pyrene		1,623	--
Benzo(b/k)fluoranthene		1,954	--
Chrysene		2,405	--
Acenaphthylene		987	270
Anthracene		4,173	--
Fluorene		6,405	--
Phenanthrene		22,090	1,592
Pyrene		8,666	516
1-Methylnaphthalene		11,970	1,539
2-Methylnaphthalene		8,555	951
Hexachlorodibenzodioxin		--	0.0027
		(--)	(--)
		(--)	(--)
Heptachlorodibenzodioxin		M	0.0031
		(--)	(--)
		(--)	(--)
Octachlorodibenzodioxin		0.00086	0.006
		(--)	(M)
		(--)	(M)
Hexachlorodibenzofuran		M	M
		(--)	(0.005)
		(--)	(0.0049)
Octachlorodibenzofuran		0.0024	(0.0124)
		(--)	(0.0207)
		(M)	(0.0165)
Heptachlorodibenzofuran		M	0.0065
		(--)	(M)
		(--)	(M)
Pentachlorodibenzofuran		--	--
		(M)	(--)
		(--)	(--)

(See notes on page 2)

TABLE 4-2
(Cont'd.)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP OIL SAMPLE RESULTS

Parameter:	Location:	64V	64S
<u>PESTICIDES/HERBICIDES/PCBs (ppm)</u>			
Aroclor 1260		12,000 14,000**	1,900 53,000** 1,800 (Dup)**
Aroclor 1254		--	-- 500 420**
<u>METALS/CYANIDE (ppm)</u>			
Arsenic		1.8	0.39
Chromium		--	0.97
Copper		--	1.9
Nickel		3	--
Zinc		3	--

Notes:

Samples were collected on February 2, 1992 and submitted to Alpha Analytical for analysis of Appendix IX+3 constituents.

Only detected constituents are shown.

ppm = Parts per million.

() = Re-analysis of dioxin/furan compounds for a sample result.

M = Indicates a presence was noted, but not at a level that the laboratory could provide a definite identification or quantity.

-- = Indicates not detected at or above the detection level.

** = Split sample result (IT Analytical Services).

Dup = Duplicate sample result.

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

VOLATILE ORGANICS

Parameter:	Location: Sample Matrix Depth:	Y-1 Soil 0-10 ft	Y-2 Soil 0-8 ft	Y-2 (Dup.) Soil 0-8 ft	Y-3 Soil 0-10 ft	Y-4 Soil 4-6 ft	Y-5 Soil 4-6 ft	Y-6 Soil 4-6 ft	Y-7 Soil 4-6 ft	Y-8 Soil 2-4 ft	Y-9 Soil 4-6 ft	Y-10 Soil 2-4 ft	Y-11 Soil 2-4 ft	Y-12 Soil 2-4 ft	Y-13 Soil 2-4 ft
Volatiles (ppm)															
Acetone		0.009 ^{BU}	0.047 ^B	0.069 ^B	0.009 ^{BU}	0.021 ^B	0.022 ^B	0.051 ^B	0.017 ^B	0.015 ^B	0.032 ^B	0.017 ^B	0.011 ^{BU}	0.039 ^B	0.009 ^{BU}
Benzene		--	--	--	--	--	--	--	--	--	0.002 ^J	--	--	--	--
2-Butanone		--	--	--	--	--	--	--	--	--	0.006 ^J	--	--	--	--
Carbon disulfide		--	--	--	--	--	--	--	--	--	0.003 ^J	--	--	--	--
Chlorobenzene		--	--	--	--	--	--	--	--	--	0.013	0.013	--	--	--
1,2-Dichloroethane		--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethene (total)		0.008	--	--	--	--	--	--	--	--	0.017	--	--	0.18	--
Ethylbenzene		--	--	--	--	--	0.003 ^J	--	--	--	--	--	--	--	--
Methylene chloride		0.03 ^B	0.039 ^B	0.034 ^B	0.018 ^B	0.025 ^B	0.047 ^B	0.045 ^B	0.031 ^B	0.027 ^B	0.033 ^B	0.016 ^B	0.032 ^B	0.055 ^B	0.028 ^B
Tetrachloroethene		--	--	--	--	--	--	--	--	--	--	--	--	0.004 ^J	--
Toluene		--	--	--	--	--	--	--	--	0.008	0.002 ^J	--	--	0.015	0.006 ^J
Trichloroethene		0.006 ^J	0.032	0.002 ^J	--	0.003 ^J	--	--	--	--	--	--	--	0.007	--
Trichlorofluoromethane		--	--	--	--	--	--	--	--	0.004 ^J	--	--	--	0.004 ^J	--
1,1,2-Trichloro-1,2,2-Trifluoroethane		0.003 ^{BU}	--	--	0.003 ^{BU}	0.003 ^{BU}	0.004 ^{BU}	0.003 ^{BU}	0.004 ^{BU}	--	0.003 ^{BU}	0.005 ^{BU}	--	--	0.004 ^{BU}
Vinyl chloride		--	--	--	--	--	--	--	--	--	0.01 ^J	--	--	--	--
Xylenes (total)		--	--	--	--	--	0.003 ^J	--	--	--	0.008	0.002 ^J	--	--	--

(See Notes on Page 2)

TABLE (Cont'd.)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

VOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	Y-14 Soil 4-6 ft	Y-15 Soil 2-4 ft	Y-16 Soil 8-10 ft	Y-17 Soil 2-4 ft	Y-18 Soil 2-4 ft	Y-18 (Dup) Soil 2-4 ft	Y-19 Soil 10-12 ft	Y-20 Soil 4-6 ft	Y-21 Soil 12-14 ft	Y-22 Soil 0-2 ft	Y-23 Soil 2-4 ft	Y-24 Soil 8-10 ft	Y-26 Soil 2-4 ft	Y-27 Soil 4-6 ft
Volatiles (ppm)															
Acetone		0.015 ^b	0.083	0.025 ^b	--	--	0.011 ^b	0.008 ^j	0.056	0.013 ^b	0.024 ^b	0.018	0.015 ^b	0.02 ^b	0.021 ^b
Benzene		--	--	--	--	--	--	0.002 ^j	--	--	--	--	--	--	--
2-Butanone		--	--	--	--	--	--	0.004 ^j	--	--	--	--	--	--	--
Carbon disulfide		--	--	--	--	--	--	0.002 ^j	--	--	--	--	--	--	--
Chlorobenzene		--	0.27	--	--	--	--	0.006	--	--	--	--	--	--	--
1,2-Dichloroethane		--	--	--	--	--	--	0.002 ^j	--	--	--	--	--	--	--
1,2-Dichloroethene (total)		--	--	--	--	--	--	0.002 ^j	--	--	--	--	--	--	--
Ethylbenzene		--	0.22	--	--	--	--	0.003 ^j	--	--	--	--	--	--	--
Methylene chloride		0.019 ^b	0.094 ^b	0.029 ^b	0.029 ^b	0.04 ^b	0.049 ^b	0.04	0.018 ^b	0.029 ^b	0.064 ^b	0.043	0.028 ^b	0.078 ^b	0.025 ^b
Tetrachloroethane		--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene		0.002 ^j	--	0.001 ^j	--	--	--	0.003 ^j	--	--	--	--	--	--	--
Trichloroethene		--	--	--	--	--	--	0.001 ^j	--	--	--	--	--	--	--
Trichlorofluoromethane		--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane		0.004 ^{b,j}	--	0.004 ^{b,j}	0.003 ^{b,j}	--	--	0.003 ^j	--	--	--	--	--	--	--
Vinyl chloride		--	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylenes (total)		--	1.2	--	--	--	--	0.012	--	--	--	--	--	--	--

Notes:

Samples were collected between June 5 and 24, 1991 and submitted to Compuchem Laboratories, Inc. for analysis of Appendix IX+3 volatile constituents.

Only detected constituents are shown.

ppm - Parts per billion.

^b - The analyte was also detected in the associated blank.

^j - Indicates an estimated value less than the CLP required quantitation limit.

-- Indicates not detected at or above the detection level.

Dup - Indicates duplicate sample.

TABLE 4-4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	Y-1 Soil 0-10 ft	Y-2 Soil 0-8 ft	Y-2(DL) Soil 0-8 ft	Y-2 (Dup.) Soil 0-8 ft	Y-2 (Dup.)DL Soil 0-8 ft	Y-3 Soil 0-10 ft	Y-4 Soil 4-6 ft	Y-5 Soil 4-6 ft	Y-5(DL) Soil 4-6 ft	Y-6 Soil 4-6 ft	Y-7 Soil 4-6 ft	Y-8 Soil 2-4 ft	Y-9 Soil 4-6 ft	Y-10 Soil 2-4 ft	Y-11 Soil 2-4 ft	Y-12 Soil 2-4 ft	Y-13 Soil 2-4 ft
Semivolatiles (ppm)																		
Acenaphthene		1.2	1.8	0.94 ^{DJ}	1.7	1.3 ^{DJ}	0.2 ^J	3.1 ^J	61	65 ^{DJ}	--	0.12 ^J	--	0.25 ^J	0.85	--	--	0.068 ^J
Acetophenone		--	--	--	--	--	--	--	--	--	--	--	--	0.11 ^J	--	--	--	--
Acenaphthylene		4.2	2.5	1.5 ^{DJ}	0.89	0.64 ^{DJ}	0.14 ^J	--	1.3 ^J	--	--	0.16 ^J	--	0.21 ^J	--	--	--	--
Aniline		4.8	--	--	--	--	0.28 ^J	--	--	--	--	--	--	0.042 ^J	0.1 ^J	--	--	--
Anthracene		3.9	8.8	7.8 ^{DJ}	4.5	5.3 ^D	0.96	11	98 ^E	110 ^D	--	0.68 ^J	0.13 ^J	2.1	1.4	0.11 ^J	--	0.21 ^J
4-Aminobiphenyl		--	--	--	--	--	--	--	--	--	--	--	--	0.34 ^J	--	--	--	--
2-Acetylaminofluorene		--	--	--	--	--	--	--	--	--	--	--	--	0.16 ^J	--	--	--	--
Benzidine		--	--	--	--	--	--	--	--	--	--	--	--	2.3	--	--	--	--
Benzo(a)anthracene		14	24 ^E	18 ^D	15 ^E	17 ^D	3.7	33	120 ^E	150 ^D	0.15 ^J	2.5	2.1	0.71	2.2	0.6	--	2.5
Benzo(b)fluoranthene		10	28 ^{EX}	25 ^D	23 ^{EX}	31 ^{XD}	7.6 ^X	48 ^X	180 ^E	190 ^{DX}	0.3 ^{JX}	2	5.3 ^X	1.1	3.9 ^X	1 ^X	--	7.5
Benzo(k)fluoranthene		25	28 ^{EX}	25 ^D	23 ^{EX}	31 ^{XD}	7.6 ^X	48 ^X	180 ^E	190 ^{DX}	0.3 ^{JX}	4.6	5.3 ^X	--	3.9 ^X	1 ^X	--	7.5
Benzo(a)pyrene		23	13 ^E	14 ^D	11	17 ^D	3.7	24	99 ^E	110 ^D	0.18 ^J	2.8	1.6	0.72	2	0.59	--	2.3
Benzoic Acid		--	--	--	0.12 ^J	--	--	--	--	--	--	--	--	--	--	0.066 ^J	--	--
Benzo(g,h,i)perylene		16	6.3	4.6 ^{DJ}	5.6	7.8 ^D	1.3	14	40	48 ^{DJ}	0.073 ^J	1.1	1.3	0.44	0.62	0.33 ^J	--	2.1
Bis(2-Ethylhexyl)phthalate		6.4 ^B	--	--	--	--	0.5 ^{BJ}	0.78 ^{BJ}	--	--	0.32 ^{BJ}	0.6 ^{BJ}	0.45 ^B	0.36 ^{BJ}	--	0.41 ^{BJ}	0.11 ^{BJ}	0.15 ^J
Butylbenzylphthalate		--	--	--	--	--	--	--	--	--	--	--	--	0.32 ^J	--	--	--	--
Chlorobenzilate		--	--	--	--	--	--	--	--	--	--	--	--	0.32 ^J	--	--	--	--
1-Chloronaphthalene		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene		16	20 ^E	18 ^D	14 ^E	18 ^D	3.7	31	120 ^E	140 ^D	0.18 ^J	2.3	2.9	0.77	2.8	0.63	--	3.4
Cyclophosphamide		--	--	--	--	--	--	--	--	--	--	--	--	1 ^J	--	--	--	--

(See Notes on Page 10)

TABLE 4-4
(Cont'd)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	Y-14 Soil 4-6 ft	Y-14(DL) Soil 4-6 ft	Y-15 Soil 2-4 ft	Y-16 Soil 8-10 ft	Y-17 Soil 2-4 ft	Y-18 Soil 2-4 ft	Y-18 (Dup.) Soil 2-4 ft	Y-19 Soil 10-12 ft	Y-20 Soil 4-6 ft	Y-21 Soil 12-14 ft	Y-22 Soil 0-2 ft	Y-22(DL) Soil 0-2 ft	Y-23 Soil 2-4 ft	Y-24 Soil 8-10 ft	Y-26 Soil 2-4 ft	Y-27 Soil 4-6 ft
Semivolatiles (ppm)																	
Acenaphthene		4.9	5.3 ^D	1.3 ^J	--	--	0.16 ^J	0.059 ^J	0.059 ^J	7.7	--	0.12 ^J	--	--	0.052 ^J	--	--
Acetophenone		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene		0.24 ^J	--	--	--	0.045 ^J	0.05 ^J	--	--	0.82 ^J	--	--	--	--	--	--	--
Aniline		--	--	2.5 ^J	--	--	0.14 ^J	--	0.19 ^J	9	--	--	--	--	--	--	--
Anthracene		5.8	8.3 ^D	1.4 ^J	--	0.18 ^J	0.14 ^J	0.047 ^J	0.083 ^J	12	--	0.5	0.37 ^{DU}	--	0.078 ^J	--	--
4-Aminobiphenyl		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Acetylamino fluorene		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzidine		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene		12	14 ^D	1.7 ^J	--	1.9	2.5	0.77	0.25 ^J	14	0.11 ^J	6.9 ^E	5.2 ^D	0.064 ^J	0.28 ^J	--	--
Benzo(b)fluoranthene		24 ^E	28 ^D	2.3 ^X	--	3.6	5.8 ^X	1.1	0.59 ^X	26 ^X	0.42 ^X	22 ^{EX}	5.2 ^D	0.16 ^X	0.67 ^X	--	--
Benzo(k)fluoranthene		24 ^E	28 ^D	2.3 ^X	--	3.5	5.8 ^X	0.6	0.59 ^X	26 ^X	0.42 ^X	22 ^{EX}	10 ^D	0.16 ^X	0.67 ^X	--	--
Benzo(a)pyrene		11	14 ^D	1 ^J	--	2.2	2.9	1	0.21 ^J	11	0.12 ^J	8.3 ^E	5.9 ^D	0.066 ^J	0.32 ^J	--	--
Benzoic Acid		--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.94 ^J	--
Benzo(g,h,i)perylene		4.1	7.6 ^D	--	--	1.5	1.6	0.45	0.17 ^J	3.7 ^J	0.13 ^J	4.3	5.2 ^D	0.05 ^J	0.24 ^J	--	--
Bis(2-Ethylhexyl)phthalate		0.27 ^J	--	--	0.42	--	--	--	0.066 ^J	18 ^B	0.13 ^{BU}	0.23 ^{BU}	--	0.16 ^{BU}	0.35 ^{BU}	0.15 ^{BU}	0.13 ^{BU}
Butylbenzylphthalate		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzilate		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1-Chloronaphthalene		--	--	1.6 ^J	--	--	--	--	--	1.8 ^J	--	--	--	--	--	--	--
Chrysene		11	15 ^D	1.6 ^J	--	2.7	2.6	1.1	0.34 ^J	18	0.22 ^J	8.7 ^E	7.5 ^D	0.078 ^J	0.42	--	--
Cyclophosphamide		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

(See Notes on Page 10)

**TABLE 4-4
(Cont'd)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4**

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	Y-1 Soil 8-10 ft	Y-2 Soil 6-8 ft	Y-2(DL) Soil 6-8 ft	Y-2 (Dup.) Soil 6-8 ft	Y-2 (Dup.)DL Soil 6-8 ft	Y-3 Soil 8-10 ft	Y-4 Soil 4-6 ft	Y-5 Soil 4-6 ft	Y-5(DL) Soil 4-6 ft	Y-6 Soil 4-6 ft	Y-7 Soil 4-6 ft	Y-8 Soil 2-4 ft	Y-9 Soil 4-6 ft	Y-10 Soil 2-4 ft	Y-11 Soil 2-4 ft	Y-12 Soil 2-4 ft	Y-13 Soil 2-4 ft
semivolatiles (ppm)																		
Dibenzo(a,h)anthracene		5	3.2	2.2 ^{DU}	3.2	3.4 ^{DU}	0.83	6.2	20	25 ^{DU}	--	0.47 ^J	0.58	0.19 ^J	0.36 ^J	0.16 ^J	--	1
Dibenzofuran		--	1.4	1 ^{DU}	1.1	1.2 ^{DU}	0.17 ^J	--	47	45 ^{DU}	--	0.13 ^J	--	0.31 ^J	0.63	--	--	0.051 ^J
Dimethoate		--	--	--	--	--	--	--	--	--	--	--	--	0.83	--	--	--	--
Di-n-Butylphthalate		2.3	--	--	0.12 ^J	--	--	--	--	--	--	0.11 ^J	0.052 ^J	--	--	0.043 ^J	--	--
Di-n-Octylphthalate		--	--	--	--	--	--	--	--	--	--	--	0.068 ^J	0.042 ^J	--	0.12 ^J	--	--
Diphenylamine		--	--	--	--	--	--	--	--	--	--	--	--	1.1	--	--	--	--
1,2-Dichlorobenzene		--	--	--	--	--	--	--	--	--	--	--	0.058 ^J	0.097 ^J	0.15 ^J	--	--	--
1,3-Dichlorobenzene		--	--	--	--	--	--	--	--	--	--	--	--	0.3 ^J	1.3	--	--	--
3,3'-Dichlorobenzidine		--	--	--	--	--	--	--	--	--	--	--	--	0.4	--	--	--	--
3,3'-Dimethylbenzidine		--	--	--	--	--	--	--	--	--	--	--	--	0.1 ^J	--	--	--	--
3,3'-Dimethoxybenzidine		--	--	--	--	--	--	--	--	--	--	--	--	0.21 ^J	--	--	--	--
4,6-Dinitro-2-methylphenol		--	--	--	--	--	--	--	--	--	--	--	--	0.081 ^J	--	--	--	--
1,4-Dichlorobenzene		0.83	--	--	--	--	--	--	--	--	--	--	--	0.76	2.6	--	--	--
2,4-Dimethylphenol		1.1	--	--	--	--	--	--	1.4 ^J	--	--	--	0.053 ^J	--	0.095 ^J	--	--	--
7,12-Dimethylbenzanthracene		--	--	--	--	--	--	--	--	--	--	--	--	0.065 ^J	--	--	--	--
Fluorene		1.8	3.1	2 ^{DU}	2	1.7 ^{DU}	0.31 ^J	5.9 ^J	67	63 ^{DU}	--	0.19 ^J	--	0.54	1.1	0.049 ^J	--	0.049 ^J
Fluoranthene		13	22 ^E	37 ^D	18 ^E	35 ^D	6.5	55	260 ^E	310 ^D	0.18 ^J	4.2	2.3	1.4	5.2	0.88	--	1.6
Heptachlorodibenzodioxin		--	0.0067 (0.0098)	NA	0.0059	NA	0.0059	-- (--)	--	NA	--	--	--	0.00088	--	--	--	--

(See Notes on Page 10)

**TABLE 4-4
(Cont'd)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4**

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	Y-14 Soil 4-6 ft	Y-14(DL) Soil 4-6 ft	Y-15 Soil 2-4 ft	Y-16 Soil 8-10 ft	Y-17 Soil 2-4 ft	Y-18 Soil 2-4 ft	Y-18 (Dup.) Soil 2-4 ft	Y-19 Soil 10-12 ft	Y-20 Soil 4-6 ft	Y-21 Soil 12-14 ft	Y-22 Soil 0-2 ft	Y-22(DL) Soil 0-2 ft	Y-23 Soil 2-4 ft	Y-24 Soil 8-10 ft	Y-26 Soil 2-4 ft	Y-27 Soil 4-6 ft
Semivolatiles (ppm)																	
Dibenzo(a,h)anthracene		2.6	4.3 ^D	--	--	0.68	0.66	0.17 ^J	0.087 ^J	2.1 ^J	0.053 ^J	1.7	1.8 ^D	--	0.097 ^J	--	--
Dibenzofuran		1.1	1.1 ^{Du}	1.4 ^J	--	--	--	--	0.068 ^J	8.5	--	0.085 ^J	--	--	0.043 ^J	--	--
Dimethoate		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-Butylphthalate		--	--	--	--	--	0.056 ^J	--	0.12 ^J	--	0.041 ^J	--	--	--	--	--	--
Di-n-Octylphthalate		--	--	--	0.084 ^J	--	0.05 ^J	0.038 ^J	--	--	--	--	--	--	--	--	--
Diphenylamine		--	--	--	--	--	--	--	--	4.8	--	--	--	--	--	--	--
1,2-Dichlorobenzene		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene		--	--	1.7 ^J	--	--	--	--	--	0.6 ^J	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3,3'-Dimethylbenzidine		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3,3'-Dimethoxybenzidine		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene		--	--	5.4 ^J	--	--	--	--	--	2.5 ^J	--	--	--	--	--	--	--
2,4-Dimethylphenol		--	--	--	--	--	--	--	0.055 ^J	--	--	--	--	--	--	--	--
7,12-Dimethylbenzanthracene		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene		2.4	2.3 ^{Du}	2.2 ^J	--	--	0.042 ^J	--	0.08 ^J	13	--	0.11 ^J	--	--	0.052 ^J	--	--
Fluoranthene		23 ^F	32 ^D	4.5 ^J	--	3.2	4	15	0.42	44	0.24 ^J	12 ^F	6.9 ^D	0.083 ^J	0.85	--	--
Heptachlorodibenzodioxin		--	NA	0.0028	--	--	--	--	--	0.00098	--	--	NA	--	--	--	--
								(-)	(-)						(-)		

(See Notes on Page 10)

**TABLE 4-4
(Cont'd)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4**

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	Y-1 Soil 8-10 ft	Y-2 Soil 6-8 ft	Y-2(DL) Soil 6-8 ft	Y-2 (Dup.) Soil 6-8 ft	Y-2 (Dup.)DL Soil 6-8 ft	Y-3 Soil 8-10 ft	Y-4 Soil 4-6 ft	Y-5 Soil 4-6 ft	Y-5(DL) Soil 4-6 ft	Y-6 Soil 4-6 ft	Y-7 Soil 4-6 ft	Y-8 Soil 2-4 ft	Y-9 Soil 4-6 ft	Y-10 Soil 2-4 ft	Y-11 Soil 2-4 ft	Y-12 Soil 2-4 ft	Y-13 Soil 2-4 ft
Semivolatiles (ppm)																		
Heptachlorodibenzofuran		0.0288	0.0369 (0.0428)	NA	0.0264	NA	0.0025	-- (-) (-)	--	NA	--	--	0.00028	0.0028	0.00025	--	--	0.00067
Hexachlorodibenzodioxin		--	0.0077 (0.0109)	NA	0.0071	NA	M	-- (-) (-)	--	NA	--	--	--	0.0006	--	--	--	--
Hexachlorodibenzofuran		0.087	0.0662 (0.0741)	NA	0.0516	NA	0.0062	--	0.0047	NA	--	M	0.0013	0.0064	0.00086	0.00041	M	0.0023
Indeno(1,2,3-cd)pyrene		11	6.4	4.9 ^{DJ}	6	7.6 ^{DJ}	15	13	39	45 ^{DJ}	0.062 ^J	1.1	1.1	0.39	0.7	0.3 ^J	--	1.8
Isophorone		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methapyrene		--	--	--	--	--	--	--	--	--	--	--	--	0.61 ^J	--	--	--	--
3-Methylcholanthrene		--	--	--	--	--	--	--	--	--	--	0.098 ^J	--	--	--	--	--	--
1-Methylnaphthalene		--	0.54 ^J	--	0.56 ^J	0.54 ^{DJ}	0.1 ^J	2.1 ^J	29	34 ^{DJ}	--	0.083 ^J	0.081 ^J	1	0.12 ^J	--	--	0.1 ^J
2-Methylnaphthalene		--	0.35 ^J	--	0.41 ^J	--	--	1.1 ^J	18	19 ^{DJ}	--	--	0.049 ^J	0.6	0.086 ^J	--	--	0.068 ^J
2-Methylphenol		--	--	--	--	--	--	--	0.63 ^J	--	--	--	--	0.042 ^J	--	--	--	--
3-Methylphenol		1 ^X	--	--	--	--	--	--	1.5 ^{JX}	--	--	--	0.046 ^{JX}	0.051 ^{JX}	0.36 ^{JX}	--	--	--
4-Methylphenol		1 ^X	--	--	--	--	--	--	1.5 ^{JX}	--	--	--	0.046 ^{JX}	0.051 ^{JX}	0.36 ^{JX}	--	--	--
Naphthalene		1.5	1.6	1.2 ^{DJ}	1.7	1.7 ^{DJ}	0.14 ^J	2.4 ^J	66	72 ^{DJ}	--	0.12 ^J	0.066 ^J	0.46	0.098 ^J	0.093 ^J	--	0.095 ^J
N-Nitrosodiphenylamine(1)		--	--	--	--	--	--	--	--	--	--	--	--	1.1	--	--	--	--
Nitrobenzene		--	--	--	--	--	--	--	--	--	0.1 ^J	--	--	--	--	--	--	--
4-Nitrophenol		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

(See Notes on Page 10)

TABLE 4-4
(Cont'd)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	Y-14 Soil 4-6 ft	Y-14(DL) Soil 4-6 ft	Y-15 Soil 2-4 ft	Y-16 Soil 8-10 ft	Y-17 Soil 2-4 ft	Y-18 Soil 2-4 ft	Y-18 (Dup.) Soil 2-4 ft	Y-19 Soil 10-12 ft	Y-20 Soil 4-6 ft	Y-21 Soil 12-14 ft	Y-22 Soil 0-2 ft	Y-22(DL) Soil 0-2 ft	Y-23 Soil 2-4 ft	Y-24 Soil 8-10 ft	Y-26 Soil 2-4 ft	Y-27 Soil 4-6 ft
Semivolatiles (ppm)																	
Heptachlorodibenzofuran		0.0005	NA	M	--	--	--	0.00043	--	0.0053 (0.0049)	--	--	NA	M	-- (-)	--	--
Hexachlorodibenzodioxin		--	NA	--	--	--	--	--	--	0.0012 (-)	--	--	NA	--	-- (-)	--	--
Hexachlorodibenzofuran		0.0022	NA	0.0026	--	M	0.00053	0.0019	M	0.0156 (0.0152)	--	M	NA	0.0013 (0.00017)	--	--	--
Indeno(1,2,3-cd)pyrene		4.6	7.5 ^D	--	--	1.3	1.4	0.39	0.14 ^J	3.9	0.14 ^J	3.3	4 ^D	0.045 ^J	0.21 ^J	--	--
Isophorone		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methapyrene		--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.15 ^J	--
3-Methylcholanthrene		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene		0.68 ^J	0.6 ^{DJ}	1.4 ^J	--	--	--	--	0.32 ^J	7.3	--	0.08 ^J	--	--	--	--	--
2-Methylnaphthalene		0.25 ^J	--	0.78 ^J	--	--	--	--	0.10 ^J	5.2	--	0.048 ^J	--	--	--	--	--
2-Methylphenol		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3-Methylphenol		--	--	--	--	--	--	--	0.088 ^X	0.58 ^X	--	--	--	--	--	--	--
4-Methylphenol		--	--	--	--	--	--	--	0.088 ^X	0.58 ^X	--	--	--	--	--	--	--
Naphthalene		0.088 ^J	--	2.1 ^J	--	--	0.051 ^J	--	0.089 ^J	8.5	--	0.051 ^J	--	--	--	--	--
N-Nitrosodiphenylamine(1)		--	--	--	--	--	--	--	--	4.8	--	--	--	--	--	--	--
Nitrobenzene		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Nitrophenol		0.18 ^J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

(See Notes on Page 10)

TABLE 4-4
(Cont'd)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	Y-1 Soil 8-10 ft	Y-2 Soil 6-8 ft	Y-2(DL) Soil 6-8 ft	Y-2 (Dup.) Soil 6-8 ft	Y-2 (Dup.)DL Soil 6-8 ft	Y-3 Soil 8-10 ft	Y-4 Soil 4-6 ft	Y-5 Soil 4-6 ft	Y-5(DL) Soil 4-6 ft	Y-6 Soil 4-6 ft	Y-7 Soil 4-6 ft	Y-8 Soil 2-4 ft	Y-9 Soil 4-6 ft	Y-10 Soil 2-4 ft	Y-11 Soil 2-4 ft	Y-12 Soil 2-4 ft	Y-13 Soil 2-4 ft
Semivolatiles (ppm)																		
Octachlorodibenzodioxin		--	0.0023 (0.0058)	NA	0.0035	NA	0.00047	0.00094 (-) (-)	--	NA	--	--	0.00029	0.00067	--	--	--	0.00053
Octachlorodibenzoturan		0.0252	0.0154 (0.0192)	NA	0.0105	NA	0.0016	-- (-) (-)	--	NA	--	--	--	0.00085	--	--	--	--
p-Dimethylaminoazobenzene		--	--	--	--	--	--	--	--	--	--	--	--	0.39	--	--	--	--
Pentachlorobenzene		--	--	--	--	--	0.076 ^j	--	--	--	--	--	--	--	0.19 ^j	--	--	--
Pentachlorodibenzodioxin		--	0.0025 (0.0030)	NA	0.0039	NA	--	-- (-) (-)	--	NA	--	--	--	--	--	--	--	--
Pentachlorodibenzoturan		0.117	0.0619 (0.0929)	NA	0.0713	NA	0.008	-- (-) (-)	M	NA	--	M	0.0013	0.0053	M	0.00025	M	0.0018
Pentachloronitrobenzene		--	--	--	--	--	--	--	--	--	--	--	--	0.16 ^j	--	--	--	--
Pentachlorophenol		--	--	--	--	--	--	--	--	--	--	--	--	0.3 ^j	--	--	--	--
Phenacetin		--	--	--	--	--	--	--	--	--	--	--	--	0.059 ^j	--	--	--	--
Phenanthrene		8.1	25 ^e	35 ^d	15 ^e	21 ^d	4.5	64	270 ^e	500 ^d	0.08 ^j	2.6	0.8	2.2	6.1	0.53	--	1.4
Phenol		4.1	--	--	--	--	--	--	--	--	--	--	--	0.053 ^j	0.13 ^j	--	--	--
Pronamide		--	--	--	--	--	--	--	--	--	--	--	--	0.21 ^j	--	--	--	--
Pyrene		21	38 ^e	48 ^d	22 ^e	33 ^d	4.4	54	180 ^e	320 ^d	0.21 ^j	4.4	2.6	1.8	4	1.1	--	2.2
Tetrachlorodibenzodioxin		--	M (0.0013)	NA	0.0014	NA	--	-- (-) (-)	--	NA	--	--	--	--	--	--	--	--

(See Notes on Page 10)

**TABLE 4-4
(Cont'd)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4**

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	Y-14 Soil 4-6 ft	Y-14(DL) Soil 4-6 ft	Y-15 Soil 2-4 ft	Y-16 Soil 8-10 ft	Y-17 Soil 2-4 ft	Y-18 Soil 2-4 ft	Y-18 (Dup.) Soil 2-4 ft	Y-19 Soil 10-12 ft	Y-20 Soil 4-6 ft	Y-21 Soil 12-14 ft	Y-22 Soil 0-2 ft	Y-22(DL) Soil 0-2 ft	Y-23 Soil 2-4 ft	Y-24 Soil 8-10 ft	Y-26 Soil 2-4 ft	Y-27 Soil 4-6 ft
Semivolatiles (ppm)																	
Octachlorodibenzodioxin		0.00017	NA	0.009	--	0.00028	0.0012	0.0003	--	0.001 (0.0015)	--	0.00064	NA	--	-- (-)	--	--
Octachlorodibenzofuran		--	NA	--	--	--	--	--	--	0.0019 (0.0018)	--	--	NA	--	-- (-)	--	--
p-Dimethylaminoazobenzene		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pentachlorobenzene		0.27 ^d	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pentachlorodibenzodioxin		--	NA	--	--	--	--	--	--	M (-)	--	--	NA	--	-- (-)	--	--
Pentachlorodibenzofuran		0.0015	NA	M	--	M	0.00055	0.0016	--	0.0114 (0.0169)	--	M	NA	0.0009	-- (0.00015)	--	--
Pentachloronitrobenzene		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pentachlorophenol		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenacetin		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene		11	10 ^D	8.4	--	0.86	1.1	0.39	0.42	47	0.087 ^d	4.6	3.4 ^D	--	0.48	--	--
Phenol		--	--	2.8 ^d	--	--	0.047 ^d	--	0.066 ^d	13	--	--	--	--	--	--	--
Pronamide		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene		16 ^f	25 ^D	4.6 ^d	--	2.1	3.2	1.6	0.46	27	0.17 ^d	7 ^f	7.3 ^D	0.082 ^d	0.63	--	--
Tetrachlorodibenzodioxin		--	NA	--	--	--	--	--	--	--	--	--	NA	--	-- (-)	--	--

(See Notes on Page 10)

TABLE 4-4
(Cont'd)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP II: TERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

SEMIVOLATILE ORGANICS

Location: Sample Matrix: Parameter: Depth:	Y-1 Soil 8-10 ft	Y-2 Soil 6-8 ft	Y-2(DL) Soil 6-8 ft	Y-2 (Dup.) Soil 6-8 ft	Y-2 (Dup.)DL Soil 6-8 ft	Y-3 Soil 8-10 ft	Y-4 Soil 4-6 ft	Y-5 Soil 4-6 ft	Y-5(DL) Soil 4-6 ft	Y-6 Soil 4-6 ft	Y-7 Soil 4-6 ft	Y-8 Soil 2-4 ft	Y-9 Soil 4-6 ft	Y-10 Soil 2-4 ft	Y-11 Soil 2-4 ft	Y-12 Soil 2-4 ft	Y-13 Soil 2-4 ft
Semivolatiles (ppm)																	
Tetrachlorodibenzofuran	0.0757	0.083 (0.104)	NA	0.0796	NA	0.0052	-- (-) (-)	0.00093	NA	--	--	M	0.0042	M	--	--	0.00021
1,2,4,5-Tetrachlorobenzene	0.96 ^t	--	--	--	--	0.18 ^{ix}	--	--	--	--	--	--	0.097 ^{ix}	--	--	--	--
1,2,3,4-Tetrachlorobenzene	0.88	0.18 ^j	--	0.31 ^j	--	0.2 ^j	--	--	--	--	--	--	0.18 ^j	0.3 ^j	--	--	--
1,2,3,5-Tetrachlorobenzene	0.96 ^t	--	--	--	--	0.18 ^{ix}	--	--	--	--	--	--	0.097 ^{ix}	--	--	--	--
2,3,7,8-Tetrachlorodibenzofuran	0.0147	0.0177 (0.0233)	NA	0.0178	NA	0.001	-- (-) (-)	0.00093	NA	--	--	--	0.00084	0.00016	--	--	0.00096
1,2,4-Trichlorobenzene	3.7	0.42 ^j	--	0.71 ^j	0.81 ^{ixd}	0.12 ^j	--	--	--	--	--	--	0.35 ^j	0.29 ^j	--	--	--
1,3,5-Trichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	0.12 ^j	--	--	--
1,2,3-Trichlorobenzene	0.92	0.12 ^j	--	0.2 ^j	--	--	--	--	--	--	--	--	0.25 ^j	0.063 ^j	--	--	--
1,3,5-Trinitrobenzene	--	--	--	--	--	--	--	--	--	--	--	--	0.1 ^j	--	--	--	--
Total Phenols	0.95	0.27	NA	0.38	NA	0.27	0.2	14	NA	--	--	1.1	0.23	7.3	--	--	0.21

(See Notes on Page 10)

TABLE 4-4
(Cont'd)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

SEMIVOLATILE ORGANICS

Parameter	Location: Sample Matrix: Depth:	Y-14 Soil 4-6 ft	Y-14(DL) Soil 4-6 ft	Y-15 Soil 2-4 ft	Y-16 Soil 8-10 ft	Y-17 Soil 2-4 ft	Y-18 Soil 2-4 ft	Y-18 (Dup.) Soil 2-4 ft	Y-19 Soil 10-12 ft	Y-20 Soil 4-6 ft	Y-21 Soil 12-14 ft	Y-22 Soil 0-2 ft	Y-22(DL) Soil 0-2 ft	Y-23 Soil 2-4 ft	Y-24 Soil 8-10 ft	Y-26 Soil 2-4 ft	Y-27 Soil 4-6 ft
Semivolatiles (ppm)																	
Tetrachlorodibenzofuran		--	NA	--	--	--	--	0.00032	--	0.0057 (0.0114)	--	--	NA	M	-- (-)	--	--
1,2,4,5-Tetrachlorobenzene		0.15 ^d	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3,4-Tetrachlorobenzene		1.2	1.1 ^{Du}	1.5 ^d	--	--	--	--	--	0.7 ^d	--	--	--	--	--	--	--
1,2,3,5-Tetrachlorobenzene		0.15 ^d	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,3,7,8-Tetrachlorodibenzofuran		--	NA	--	--	--	--	0.000083	--	0.0017 (0.0029)	--	--	NA	M	-- (-)	--	--
1,2,4-Trichlorobenzene		0.46 ^d	0.49 ^{Du}	2.9 ^d	--	--	--	--	0.15 ^d	1.4 ^d	--	--	--	--	--	--	--
1,3,5-Trichlorobenzene		--	--	--	--	--	--	--	--	0.62 ^d	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene		0.31 ^d	--	0.82 ^d	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trinitrobenzene		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Phenols		0.75	NA	16	--	--	--	--	--	10	0.19	--	NA	--	--	--	--

Notes:

Samples were collected between June 5 and 24, 1991 and submitted to Compuchem Laboratories, Inc. for analysis of Appendix IX+3 semivolatile constituents.

Only detected constituents are shown.

DL - Dilution of sample.

ppm - Parts per million - dry weight

-- Indicates not detected at or above the detection level

^D - Compounds identified at a secondary dilution factor

^d - Value indicates an estimated value less than the CLP required quantitation limit

^E - The compound concentrations exceed calibration range of the GC/MS instrument for that specific analysis

^x - Co-eluting isomers were noted by the laboratory.

^B - The analyte was also detected in the associated blank.

NA - Not analyzed.

() - Re-analysis of dioxin/furan compounds for a sample result.

M - Indicates a presence was noted but not at a level that the laboratory could provide a definite identification or quantity.

(1) - Cannot be separated from Diphenylamine.

Dup - Indicates duplicate sample.

**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4**

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

INORGANICS

Location: Sample Matrix: Depth:	Y-1 Soil 8-10 ft	Y-2 Soil 8-8 ft	Y-2 (Dup) Soil 8-10 ft	Y-3 Soil 8-10 ft	Y-4 Soil 4-6 ft	Y-5 Soil 4-6 ft	Y-6 Soil 4-6 ft	Y-7 Soil 4-6 ft	Y-8 Soil 2-4 ft	Y-9 Soil 4-6 ft	Y-10 Soil 2-4 ft	Y-11 Soil 2-4 ft	Y-12 Soil 2-4 ft	Y-13 Soil 2-4 ft
Inorganics (ppm)														
Aluminum	8,350	8,090	8,870	7,880	8,340	6,030	8,360	19,300	9,670	8,310	2,980	9,780	8,260	13,800
Arsenic	9.1	--	7.3	5.9	22.3	10.1	3.8	6.3	10.1	22.0	76.5	5.6	10.5	4.9
Antimony	19.5	170	36.3	--	--	--	--	--	--	--	13 ^u	--	--	--
Barium	505	271	162	115	8,720	135	61.7	94.2	61.5	225	66.4	38.2	58.4	49.6
Beryllium	0.26 ^u	0.27 ^u	0.29 ^u	0.29 ^u	0.60	0.24 ^u	0.27 ^u	0.50 ^u	0.26 ^u	0.13 ^u	--	0.31 ^u	0.23 ^u	0.37 ^u
Cadmium	2.2	4.4	4.7	1.3	2.0	3.1	0.59 ^u	1.2	5.4	2.5	2.5	--	0.56	0.93
Calcium	14,600	11,500	10,100	14,500	40,500	18,100	8,560	44,700	4,460	33,900	12,700	3,890	11,400	17,500
Chromium	75.4	66.7	78.8	41.8	17.2	30.8	16.2	14.2	13.5	29.6	366	12.0	12.2	19.4
Cobalt	12.5	11.2	9.3	8.1	7.2	5.9 ^u	9.1	8.1	10.9	29.4	33.9	9.7	10	8.0
Copper	939	860	607	331	237	527	126	191	86.2	1,500	1,370	15.5	117	206
Iron	34,200 ^l	27,900 ^l	21,000 ^l	21,900 ^l	17,700 ^l	18,700 ^l	26,800 ^l	23,000 ^l	24,600 ^l	66,700 ^l	273,000	18,500 ^l	29,300 ^l	22,900 ^l
Lead	1,420	1,490	1,040	610	140	769	695	90.2	56.6	654	522	40.4	91.8	67.6
Magnesium	7,460	8,760	8,570	10,000	7,560	4,520	6,170	24,800	3,760	18,300	1,630	4,480	5,920	11,000
Manganese	574	574	406	373	291	250	303	1,530	364	728	7,490	219	650	454
Mercury	0.67	0.35	0.44	0.62	--	0.14	--	--	--	0.21	1.7	0.14	--	--
Nickel	49.4 ^l	47.1 ^l	41.8 ^l	30.7 ^l	19.0 ^l	20.6 ^l	18.0 ^l	12.0 ^l	12.2 ^l	53.6 ^l	346	14.3 ^l	14.2 ^l	18.5 ^l
Potassium	643	487 ^u	650	580	715	408 ^u	634	2,240	928	911	383 ^u	694	663	1,100
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	2.0	2.7	1.3	--	--	--	--	--	--	--	--	--	--	--
Sodium	179 ^u	180 ^u	164 ^u	115 ^u	195 ^u	157 ^u	194 ^u	664	141 ^u	201 ^u	807 ^u	204 ^u	180 ^u	168 ^u
Vanadium	16.2	14.8	15.5	12.4	20.5	18.3	14.9	25.0	21.6	22.8	21.1	13.8	18.0	23.7
Zinc	2,070	1,870	1,350	548	2,090	656	178	140	232	1,240	434	79.4	109	209
Total Cyanide	--	--	--	--	--	0.78 ^{AS}	--	--	--	--	0.61 ^{AS}	--	--	--
Total Sulfide	166	16	18.3	--	180	189	--	274	--	57.2	16.1	--	--	--

(See notes on Page 2)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

Parameter:	Location: Sample Matrix: Depth:	Y-14 Soil 4-6 ft	Y-15 Soil 2-4 ft	Y-16 Soil 8-10 ft	Y-17 Soil 2-4 ft	Y-18 Soil 2-4 ft	Y-18 (Dup.) Soil 2-4 ft	Y-19 Soil 10-12 ft	Y-20 Soil 4-6 ft	Y-21 Soil 12-14 ft	Y-22 Soil 0-2 ft	Y-23 Soil 2-4 ft	Y-24 Soil 8-10 ft	Y-26 Soil 2-4 ft	Y-27 Soil 4-6 ft
Inorganics (ppm)															
Aluminum		12,400	5,160	1,670	8,630	7,890	2,610	5,150	11,500	16,100	7,760	7,630	12,200	15,100	11,400
Arsenic		12.5	14.4	7.6	5.9	13.1	8.4	4.3 ¹	13.5	11.9	13.3	9.8 ¹	5.1	5.7	8.5
Antimony		40.3	--	--	--	--	--	--	--	--	--	--	--	--	--
Barium		48.3	106	10.0 ¹	32.4 ¹	39.9 ¹	11.8 ¹	38.1	71.7	27.5 ¹	36.2 ¹	87	35.7 ¹	44.2 ¹	23.3 ¹
Beryllium		0.18 ¹	--	--	0.32 ¹	0.35 ¹	0.11 ¹	0.15 ¹	0.63 ¹	--	0.31 ¹	0.42 ¹	0.32 ¹	0.34 ¹	--
Cadmium		1.1	1.9	--	1.5	--	--	--	1.4	--	--	--	--	--	--
Calcium		27,900	10,900	14,900	11,100	14,300	1,720	2,930	49,200	1,880	5,430	2,600	3,560	2,470	785 ¹
Chromium		33.6	212	3.2	9.9	17.3	5.4	8	8,810	17.8	12.2	82.9	13.7	15.4	11.3
Cobalt		34.8	11.9	1.9 ¹	5.2 ¹	7.6 ¹	2.6 ¹	10.2	14.8	14.6	7.3 ¹	12.8	14.5	12.7	11.8
Copper		288	348	193	578	236	46.1	86.3	1,710	208	124	188	32.4	36.9	24.6
Iron		34,400 ¹	81,700	6,830 ¹	20,900	24,100	19,100	14,300	50,800	33,200	34,500	34,200	28,500	28,700	25,800
Lead		208	989	43.5	79.6	63	73.4	70.7	34,400	19.8	64.7	181	32.5	36.9	17.1
Magnesium		16,000	3,170	8,650	6,590	8,490	1,140	2,580	11,400	6,680	3,130	2,490	5,720	5,360	5,280
Manganese		982	968	90.7	357	749	190	607	1,760	891	481	696	693	913	670
Mercury		2.0	2.2	--	--	5.3	0.16	0.29	2.6	--	0.16	0.62	--	--	--
Nickel		37.0 ¹	102	4.5 ¹	9.8	12.8	4.7	11.8	153	27.9	9.9	183	23.3	24	21
Potassium		583 ¹	250 ¹	--	1,040 ¹	731 ¹	225 ¹	342 ¹	1,000 ¹	739 ¹	648 ¹	703 ¹	621 ¹	802 ¹	495 ¹
Selenium		0.44 ¹	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver		--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sodium		162 ¹	323 ¹	136 ¹	345 ¹	454 ¹	137 ¹	238 ¹	430 ¹	223 ¹	317 ¹	425 ¹	313 ¹	319 ¹	316 ¹
Vanadium		18.7	13.9	2.4 ¹	16.8	15.9	8.4	6.2	27.8	14.5	18.8	13.4	12.3	15	9.9 ¹
Zinc		282	617	75.5	683	212	128	83.3	4,800	89.4	75.8	217	88	107	59.4
Total Cyanide		--	1.1	--	--	--	--	--	2.1	--	--	--	--	--	--
Total Sulfide		--	113	21.3	--	--	--	--	20.7	--	--	--	--	--	--

Notes:

Samples were collected between June 5 and 24, 1991 and submitted to Compuchem Laboratories, Inc. for analysis of Appendix IX+3 inorganic constituents.

Only detected constituents are shown

ppm - parts per million - dry weight.

-- Indicates not detected at or above the detection level.

¹ - Indicates an estimated value between the CLP required detection limit and the instrument detection limit.

¹ - A chemical or physical interference effect was encountered during the analysis of the flagged analyte

Dup - Indicates duplicate sample

TABLE 4-6a

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY FOR MCP SOIL BORING PCB DATA RELATED TO SCRAP YARD AREA

(TOTAL PCBs, Dry-weight ppm)

LOCATION	DEPTH (FEET)								
	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18
Y-1	660	40	240	240	NA	NS	NS	NS	NS
Y-1 (Dup.)		5,100							
Y-1					220 **				
Y-2	520	12	2,000	NA	110	NS	NS	NS	NS
Y-2				97 **					
Y-2(Dup.)				118 **					
Y-3	180	140	18	170	NA	0.13	79	44	NS
Y-3					56 **				
Y-4	3.8	9.8	NA	3.8	0.62	NS	NS	NS	NS
Y-4			-- **						
Y-5	28	130	NA	22	110	29	--	NS	NS
Y-5			240 **						
Y-6	22	7.9	NA	--	--	NS	NS	NS	NS
Y-6			2.68 **						
Y-7	38	1.8	NA	15	0.4	NS	NS	NS	NS
Y-7			2.47 **						
Y-8	220	NA	8	--	0.05	NS	NS	NS	NS
Y-8		11.2 **							
Y-9	2,400	54	NA	0.05	240	1.4	NS	NS	NS
Y-9(Dup.)				420					
Y-9(RE)				11					
Y-9			105 **						
Y-10	120	34	150	26	21	26	NS	NS	NS
Y-10(Dup.)						180			
Y-10		48 **							
Y-11	21	NA	34	21	9.5	NS	NS	NS	NS
Y-11		28 **							
Y-12	120	NA	--	0.68	1.8	--	1.1	10	0.08
Y-12		43 **							
Y-13	91	NA	0.23	1.3	0.14	NS	NS	NS	NS
Y-13		1.7 **							
Y-14	67	270	NA	19	36	260	8.9	NS	NS
Y-14(Dup.)							71		
Y-14			29 **						
Y-15	150	31	0.69	11	--	700	NS	NS	NS
Y-15		139 **							
Y-16	--	0.12	0.07	--	NA	--	NS	NS	NS
Y-16					0.1 **				
Y-17	1.8	NA	0.44	--	6.9	0.22	0.79	--	NS
Y-17		7.3 **							
Y-18	32	NA	1.8	4.2	0.2	0.13	--	NS	NS
Y-18(Dup.)	3.2								
Y-18		11.6 **							
Y-18(Dup.)		3.1 **							
Y-19	120	0.86	120	6.2	--	NA	0.61	NS	NS
Y-19						46.7 **			
Y-20	140	30	140	220	340	410	53	NS	NS
Y-20			54 **						
Y-21	0.91	1.1	0.28	--	--	--	0.21	--	NS
Y-21(Dup.)				--					
Y-21							0.5 **		
Y-22	--	--	--	--	--	NS	NS	NS	NS
Y-22	-- **								
Y-23	0.1	--	--	--	--	--	--	NS	NS
Y-23(Dup.)									
Y-23		1.3 **							
Y-24	0.58	2.7	8	--	--	--	NS	NS	NS
Y-24					3.55 **				
Y-26	0.38	0.72	--	--	--	NS	NS	NS	NS
Y-26(Dup.)			--						
Y-26		-- **							
Y-27	--	--	--	NS	NS	NS	NS	NS	NS
Y-27			-- **						

Notes:

Samples were collected between June 5 and 24, 1991 and submitted to IT Analytical (ITAS) for PCB analysis.

ppm = Parts per million.

- = Indicates not detected at or above the detection level.

.A = Not analyzed by ITAS; see Table 4-7 for sample result.

NS = Not sampled.

RE = Indicates re-extraction of sample.

Dup. = Indicates duplicate sample.

** = Split sample result (CompuChem Laboratories, Inc.).

TABLE 4-6b

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY FOR MCP SOIL BORING PCB DATA RELATED TO SCRAP YARD AREA

(AROCLOL 1260, Dry-weight ppm)

LOCATION	DEPTH (FEET)								
	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18
Y-1	230	13	52	--	NA	NS	NS	NS	NS
Y1(Dup.)		--							
Y-1					-- **				
Y-2	140	5.3	--	NA	6.4	NS	NS	NS	NS
Y-2				20 **					
Y-2(Dup.)				20 **					
Y-3	74	110	11	76	NA	0.07	43	26	NS
Y-3					22 **				
Y-4	1.2	5.7	NA	2	0.39 *	NS	NS	NS	NS
Y-4			-- **						
Y-5	26	36	NA	3.2	33	--	--	NS	NS
Y-5			-- **						
Y-6	--	2	NA	--	--	NS	NS	NS	NS
Y-6			0.68 **						
Y-7	19	1	NA	7.6	0.21	NS	NS	NS	NS
Y-7			0.87 **						
Y-8	200	NA	6.7	--	0.05	NS	NS	NS	NS
Y-8		7.3 **							
Y-9	520	7	NA	--	120	0.67	5.9	NS	NS
Y-9(Dup.)				200					
Y-9(RE)				5.9					
Y-9			36 **						
Y-10	43 *	30 *	74	26	14	24	NS	NS	NS
Y-10(Dup.)						170 *			
Y-10		48 **							
Y-11	6.5	NA	12	6.2	2.5	NS	NS	NS	NS
Y-11		15 **							
Y-12	24	NA	--	0.3	0.65	--	0.4	2.6	--
Y-12		-- **							
Y-13	67	NA	0.23	1.3	0.14	NS	NS	NS	NS
Y-13		1.7 **							
Y-14	--	--	NA	--	12	--	6.3	NS	NS
Y-14(Dup.)							--		
Y-14			10 **						
Y-15	140 *	25	0.69 *	9 *	--	700 *	NS	NS	NS
Y-15		39 **							
Y-16	--	--	--	--	NA	--	NS	NS	NS
Y-16					-- **				
Y-17	0.44	NA	0.13	--	1.8	0.07	0.25	--	NS
Y-17		-- **							
Y-18	16	NA	0.66	2.2	0.11	0.07	--	NS	NS
Y-18(Dup.)	1.5								
Y-18		3.9 **							
Y-18(Dup.)		3.1 **							
Y-19	--	0.48	--	--	--	NA	0.47	NS	NS
Y-19						4.7 **			
Y-20	140	30	140	190	340	410 *	44 *	NS	NS
Y-20			54 **						
Y-21	0.56	1.1	0.26	--	--	--	0.21	--	NS
Y-21(Dup.)				--					
Y-21							0.5 **		
Y-22	--	--	--	--	--	--	NS	NS	NS
Y-22	-- **								
Y-23	0.1 *	--	--	--	--	--	--	NS	NS
Y-23(Dup.)									
Y-23		0.68 **							
Y-24	0.36	1.7	1.8	--	--	--	NS	NS	NS
Y-24					0.85 **				
Y-26	0.36 *	0.35	--	--	--	NS	NS	NS	NS
Y-26(Dup.)			--						
Y-26		-- **							
Y-27	--	--	--	NS	NS	NS	NS	NS	NS
Y-27			-- **						

Notes:

Samples were collected between June 5 and 24, 1991 and submitted to IT Analytical Services (ITAS) for PCB analysis.

ppm = Parts per million.

-- = Indicates not detected at or above the detection level.

NA = Not analyzed by ITAS; see Table 4-7 for sample result.

NS = Not sampled.

RE = Indicates re-extraction of sample.

** = Split sample result (CompuChem Laboratories, Inc.)

* = Sample exhibits alteration of standard Aroclor pattern.

Dup. = Indicates duplicate sample.

TABLE 4-6c

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY FOR MCP SOIL BORING PCB DATA RELATED TO SCRAP YARD AREA

(AROCLOL 1254, Dry-weight ppm)

LOCATION	DEPTH (FEET)								
	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18
Y-1	630	27	190	240	NA	NS	NS	NS	NS
Y-1 (Dup.)		5100							
Y-1					220 **				
Y-2	380	7	2,000	NA	99	NS	NS	NS	NS
Y-2				77 **					
Y-2 (Dup.)				98 **					
Y-3	110	29	6.9	89	NA	0.06	36	18	NS
Y-3					34 **				
Y-4	2.6	3.9	NA	1.8	0.23 *	NS	NS	NS	NS
Y-4			-- **						
Y-5	--	89	NA	19	75	29	--	NS	NS
Y-5			240 **						
Y-6	22	5.9	NA	--	--	NS	NS	NS	NS
Y-6			2.0 **						
Y-7	19	0.62	NA	7.6	0.19	NS	NS	NS	NS
Y-7			1.6 **						
Y-8	18	NA	1.3	--	--	NS	NS	NS	NS
Y-8		3.9 **							
Y-9	1,900	47	NA	0.05	120	0.66	NS	NS	NS
Y-9 (Dup.)				220					
Y-9 (RE)				5.3					
Y-9			69 **						
Y-10	72 *	--	73	--	4.4	--	NS	NS	NS
Y-10 (Dup.)						--			
Y-10		-- **							
Y-11	14	NA	22	15	7	NS	NS	NS	NS
Y-11		13 **							
Y-12	95	NA	--	0.38	0.95	--	0.69	7.9	0.08
Y-12		43 **							
Y-13	24	NA	--	--	--	NS	NS	NS	NS
Y-13		-- **							
Y-14	87 *	270 *	NA	19*	24	260	--	NS	NS
Y-14 (Dup.)							71 *		
Y-14			19 **						
Y-15	--	--	--	--	--	--	NS	NS	NS
Y-15		100 **							
Y-16	--	0.12 *	0.07	--	NA	--	NS	NS	NS
Y-16					0.1 **				
Y-17	1.2	NA	0.31	--	5.1	0.15	0.54	--	NS
Y-17		7.3 **							
Y-18	16	NA	0.73	2	0.09	0.06	--	NS	NS
Y-18 (Dup.)	1.7								
Y-18		7.7 **							
Y-18 (Dup.)		-- **							
Y-19	120	0.38	120	6.2	--	NA	0.14	NS	NS
Y-19						42 **			
Y-20	--	--	--	--	--	--	--	NS	NS
Y-20			-- **						
Y-21	0.35	--	--	--	--	--	--	--	NS
Y-21 (Dup.)									
Y-21							-- **		
Y-22	--	--	--	--	--	NS	NS	NS	NS
Y-22	-- **								
Y-23	--	NA	--	--	--	--	--	NS	NS
Y-23 (Dup.)									
Y-23		0.62 **							
Y-24	0.22	1	6.2	--	--	--	NS	NS	NS
Y-24					2.7 **				
Y-26	--	0.37	--	--	--	NS	NS	NS	NS
Y-26 (Dup.)									
Y-26		-- **							
Y-27	--	--	--	NS	NS	NS	NS	NS	NS
Y-27			-- **						

Notes:

Samples were collected between June 5 and 24, 1991 and submitted to IT Analytical Services (ITAS) for PCB analysis.

ppm = Parts per million.

-- = Indicates not detected at or above the detection level.

RE = Indicates re-extraction of sample.

* = Sample exhibits alteration of standard Aroclor pattern.

Dup. = Indicates duplicate sample.

NA = Not analyzed by ITAS; see Table 4-7 for sample results.

NS = Not sampled.

** = Split sample result (CompuChem Laboratories, Inc.).

TABLE 4-6d

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY FOR MCP SOIL BORING PCB DATA RELATED TO SCRAP YARD AREA

(AROCOLOR 1016, 1232, 1242, and/or 1248, Dry-weight ppm)

LOCATION	DEPTH (FEET)								
	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18
Y-1	--	--	--	--	NA	NS	NS	NS	NS
Y-1(Dup.)		--							
Y-1					--**				
Y-2	--	--	--	NA	--	NS	NS	NS	NS
Y-2(Dup.)				--**					
Y-3	--	--	--	--	NA	--	--	--	NS
Y-3					--**				
Y-4	--	--	NA	--	--	NS	NS	NS	NS
Y-4			--**						
Y-5	--	--	NA	--	--	--	--	NS	NS
Y-5			--**						
Y-6	--	--	NA	--	--	NS	NS	NS	NS
Y-6			--**						
Y-7	--	--	NA	--	--	NS	NS	NS	NS
Y-7			--**						
Y-8	--	NA	--	--	--	NS	NS	NS	NS
Y-8		--**							
Y-9	--	--	NA	--	--	--	NS	NS	NS
Y-9(Dup.)									
Y-9(RE)									
Y-9			--**						
Y-10	--	4.4*	--	--	2.4	2.1	NS	NS	NS
Y-10(Dup.)						15			
Y-10		--**							
Y-11	--	NA	--	--	--	NS	NS	NS	NS
Y-11		--**							
Y-12	--	NA	--	--	--	--	--	--	--
Y-12		--**							
Y-13	--	NA	--	--	--	NS	NS	NS	NS
Y-13		--**							
Y-14	--	--	NA	--	--	--	0.57	NS	NS
Y-14(Dup.)							--		
Y-14			--**						
Y-15	12	6.3	--	1.9	--	5	NS	NS	NS
Y-15		--**							
Y-16	--	--	--	--	NA	--	NS	NS	NS
Y-16					--**				
Y-17	--	NA	--	--	--	--	--	--	NS
Y-17		--**							
Y-18	--	NA	--	--	--	--	--	NS	NS
Y-18(Dup.)									
Y-18		--**							
Y-18(Dup.)		--**							
Y-18	--	--	--	--	--	NA	--	NS	NS
Y-19						--**			
Y-20	--	--	--	34	--	--	8.8	NS	NS
Y-20			--**						
Y-21	--	--	--	--	--	--	--	--	NS
Y-21(Dup.)									
Y-21							--**		
Y-22	--	--	--	--	--	NS	NS	NS	NS
Y-22		--**							
Y-23	--	--**	--	--	--	--	--	NS	NS
Y-23(Dup.)									
Y-23		--**							
Y-24	--	--	--	--	--	--	NS	NS	NS
Y-24					--**				
Y-26	--	--	--	--	--	NS	NS	NS	NS
Y-26(Dup.)									
Y-26		--**							
Y-27	--	--	--	NS	NS	NS	NS	NS	NS
Y-27			--**						

Notes:

Samples were collected between June 5 and 24, 1991 and submitted to IT Analytical Services (ITAS) for PCB analysis.

ppm = Parts per million.

-- = Indicates not detected at or above the detection level.

NA = Not analyzed by ITAS; see Table 4-7 for sample result.

NS = Not sampled.

* = Sample exhibits alteration of standard Aroclor pattern.

RE = Indicates re-extraction of sample.

Dup. = Indicates duplicate sample.

** = Split sample result (CompuChem Laboratories, Inc.)

**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4**

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO THE SCRAP YARD AREA

PESTICIDES/PCBs/HERBICIDES

Location: Sample Matrix: Parameter: Depth:	Y-1 Soil 8-10 ft	Y-2 Soil 6-8 ft	Y-2 (Dup.) Soil 6-8 ft	Y-3 Soil 8-10 ft	Y-4 Soil 4-6 ft	Y-5 Soil 4-6 ft	Y-6 Soil 4-6 ft	Y-7 Soil 4-6 ft	Y-8 Soil 2-4 ft	Y-9 Soil 4-6 ft	Y-10 Soil 2-4 ft	Y-11 Soil 2-4 ft	Y-12 Soil 2-4 ft	Y-15 Soil 4-6 ft
Pesticides/PCBs/Herbicides (ppm)														
PCB-1254	220	77	98	34	--	240	2.0	1.6	3.9	69	--	13	43	--
PCB-1260	--	20	20	22	--	--	0.68	0.87	7.3	36	48	15	--	1.7
Total PCBs	220	97	118	56	--	240	2.68	2.47	11.2	105	48	28	43	1.7
Delta-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin	--	--	--	--	0.26	--	--	--	--	--	--	--	--	--
Dieldrin	--	--	--	--	--	--	--	--	--	--	--	--	--	--
p',p'-Methoxychlor	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Location: Sample Matrix: Parameter: Depth:	Y-14 Soil 4-6 ft	Y-15 Soil 2-4 ft	Y-16 Soil 8-10 ft	Y-17 Soil 2-4 ft	Y-18 Soil 2-4 ft	Y-18 (Dup.) Soil 2-4 ft	Y-19 Soil 10-12 ft	Y-20 Soil 4-6 ft	Y-21 Soil 12-14 ft	Y-22 Soil 0-2 ft	Y-23 Soil 2-4 ft	Y-24 Soil 8-10 ft	Y-26 Soil 2-4 ft	Y-27 Soil 4-6 ft
Pesticides/PCBs/Herbicides (ppm)														
PCB-1254	19	100	0.1	7.3	7.7	--	42	--	--	--	0.62	2.7	--	--
PCB-1260	10	39	--	--	3.9	3.1	4.7	54	0.5	--	0.68	0.85	--	--
Total PCBs	29	139	0.1	7.3	11.6	3.1	46.7	54	0.5	--	1.3	3.55	--	--
Delta-BHC	--	--	--	--	--	--	--	0.16	--	--	--	--	--	--
Aldrin	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dieldrin	--	--	--	--	--	--	--	--	--	0.0052	--	--	--	--
p',p'-Methoxychlor	--	--	--	--	--	--	--	--	--	0.024	--	--	--	--

Notes

Samples were collected between June 5 and 24, 1991 and submitted to Compuchem Laboratories, Inc. for analysis of Appendix IX+3 Pesticide, PCB, and herbicide constituents

Only detected constituents are shown.

ppm - Parts per million - dry weight.

-- Indicates not detected at or above the detection level.

Dup. - Indicates duplicate sample.

Table 4-8

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO MONITORING WELLS

VOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	ES2-1 Soil 14-16 ft	ES2-2 Soil 6-8 ft	ES2-3 Soil 14-16 ft	ES2-4 Soil 8-10 ft	ES2-5 Soil 18-20 ft	ES2-6 Soil 14-16 ft	ES2-6(RE) Soil 14-16 ft	ES2-8 Soil 42-44 ft	ES2-7 Soil 6-8 ft	ES2-7(RE) Soil 6-8 ft
<u>Volatiles (ppm)</u>											
Acetone		0.065 ^B	--	0.035 ^B	0.037 ^B	0.026 ^B	2.3 ^{BE}	8.1 ^D	0.99 ^{BU}	0.054 ^B	0.066 ^B
Benzene		0.002 ^J	--	--	--	--	0.009	--	--	0.005 ^J	0.004 ^J
2-Butanone		0.005 ^J	--	--	--	--	--	--	--	0.007 ^{BU}	0.012 ^{BU}
Carbon Disulfide		--	--	--	--	--	0.001 ^J	--	--	--	--
Chlorobenzene		0.058	60	0.036	0.001 ^J	0.002 ^J	0.12	0.88 ^D	0.2 ^J	0.22	0.26
Chloroform		0.003 ^J	--	0.003 ^J	--	0.002 ^J	--	--	--	--	--
Crotonaldehyde		--	55	--	--	--	--	--	--	--	--
Ethylbenzene		0.014	42	--	--	--	0.076	0.48 ^{BU}	5.3	0.024	0.011
Methylene chloride		0.047 ^B	1.2 ^{BU}	0.065 ^B	0.092 ^B	0.034 ^B	0.017 ^B	0.26 ^{BU}	0.24 ^{BU}	0.026 ^B	0.039 ^B
Toluene		--	1.1 ^J	--	--	--	0.002 ^J	--	0.52 ^J	0.007 ^J	0.002 ^J
1,1,2-Trichloro-1,2,2-trifluoroethane		0.001 ^J	--	--	--	0.002 ^J	--	--	--	--	--
Xylenes (total)		0.010	59	--	--	--	0.073	0.24 ^{BU}	5.3	0.031	0.018

Notes:

Samples were collected between January 10 and 21, 1991 and submitted to Compuchem Laboratories, Inc. for analysis of Appendix IX+3 volatile constituents.

Only detected constituents are shown.

ppm - Parts per million.

-- Indicates not detected at or above the detection level.

RE - Indicates re-extraction of sample.

^B - The analyte was also detected in the associated blank.

^E - The compound concentrations exceeded the calibration range of the GC/MS instrument for that specific analysis.

^D - Compound identified at a secondary dilution factor.

^J - Value indicates an estimated value less than the CLP required quantitation limit.

**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4**

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO MONITORING WELLS

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	ES2-1 Soil 14-16 ft	ES2-2 Soil 6-8 ft	ES2-2(RE) Soil 6-8 ft	ES2-3 Soil 14-16 ft	ES2-4 Soil 6-10 ft	ES2-5 Soil 18-20 ft	ES2-6 Soil 14-16 ft	ES2-6 Soil 42-44 ft	ES2-7 Soil 6-8 ft
Semivolatiles (ppm)										
Acenaphthene		1	26	29	0.14 ^J	--	--	8.3	12	24
Acenaphthylene		0.1 ^J	2.9 ^J	2.9 ^J	--	--	--	0.54 ^J	2.4	3.7 ^J
Anthracene		0.29 ^J	13	14	--	--	1.2 ^J	2.7	5.7	13
Benzo(a)anthracene		0.27 ^J	11	12	--	--	0.69 ^J	2	4.1	13
Benzo(b)fluoranthene		0.17 ^J	10 ^x	11 ^x	--	--	1.1 ^J	1.5 ^x	2.9 ^x	14 ^x
Benzo(k)fluoranthene		0.088 ^J	10 ^x	11 ^x	--	--	1.1 ^J	1.5 ^x	2.9 ^x	14 ^x
Benzo(g,h,i)perylene		0.088 ^J	2.1 ^J	--	--	--	--	0.57 ^J	1.2 ^J	5.5
Benzo(a)pyrene		0.19 ^J	8.3	8.7	--	--	0.7 ^J	1.3 ^J	3	12
Bis(2-Ethylhexyl)phthalate		0.17 ^J	--	--	--	--	--	0.9 ^J	0.32 ^J	1.4 ^J
Chrysene		0.23 ^J	9.7	9.3	--	--	0.77 ^J	1.8	3.2	14
Dibenzo(a,h)anthracene		--	0.76 ^J	--	--	--	--	0.19 ^J	0.24 ^J	1.9 ^J
Dibenzofuran		--	--	--	--	--	--	0.7 ^J	0.46 ^J	--
1,3-Dichlorobenzene		0.21 ^J	2.2 ^J	2.4 ^J	--	--	--	0.65 ^J	--	1.7 ^J
1,4-Dichlorobenzene		0.19 ^J	8.1	9.3	0.053 ^J	--	--	0.83 ^J	--	7.1
Fluorene		0.58	18	18	--	--	0.99 ^J	4.7	10	16
Fluoranthene		0.53	21	24	--	--	0.94 ^J	3.7	7.4	25
Indeno(1,2,3-cd)pyrene		0.076 ^J	1.8 ^J	--	--	--	--	0.55 ^J	0.81 ^J	4.2 ^J
1-Methylnaphthalene		1.5	66	68	--	--	2.2 ^J	--	17	51
2-Methylnaphthalene		0.045 ^J	29	30	--	--	1 ^J	6.3	12	17
Naphthalene		0.53	42	47	--	--	--	3.4	28	31
Phenanthrene		0.93	55	58	--	--	2.3 ^J	8.3	21	45
Pyrene		0.57	18	19	--	--	2.1 ^J	5.2	12	32
1,2,4-Trichlorobenzene		--	0.72 ^J	1.2 ^J	--	--	--	--	--	0.97 ^J
1,3,5-Trichlorobenzene		0.066 ^J	0.53 ^J	0.58 ^J	--	--	--	--	--	--
Total Phenols		0.16	3.3	NA	--	0.93	--	--	0.14	2.9

Notes:

Samples were collected between January 10 and January 21, 1991 and submitted to Compuchem Laboratories, Inc. for analysis of Appendix IX+3 semivolatile constituents.

Only detected constituents are shown.

ppm - Parts per million - dry weight.

-- Indicates not detected at or above the detection level.

RE - Indicates re-extraction of sample.

^J - Value indicates an estimated value below the method detection limit.

^x - Coeluting isomers were noted by the laboratory.

NA - Not analyzed.

**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4**

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO MONITORING WELLS

INORGANICS

Parameter:	Location: Sample Matrix: Depth:	ES2-1 Soil 14-16 ft	ES2-2 Soil 6-8 ft	ES2-3 Soil 14-16 ft	ES2-4 Soil 8-10 ft	ES2-5 Soil 18-20 ft	ES2-6 Soil 14-16 ft.	ES2-6 Soil 42-44 ft	ES2-7 Soil 6-8 ft
<u>Inorganics (ppm)</u>									
Aluminum		8,000	11,000	5,700	10,000	7,900	(3,500)	3,000	13,000
Arsenic		21	26	5.2	12	15	(6.7)	7.0	22
Barium		29	79	--	56	--	(23)	--	46
Beryllium		--	1.0	--	--	--	--	--	--
Cadmium		1.6	17	--	--	1.1	(0.76)	--	1.3
Calcium		65,000	11,000	7,100	11,000	7,400	(3,200)	58,000	5,200
Chromium		--	880	7.5	18	--	--	5.6	40
Cobalt		10	16	--	8.5	8.8	--	--	14
Copper		70	270	12	26	30	(27)	9.9	49
Iron		32,000	30,000	11,000	22,000	5,800	(17,000)	7,400	17,000
Lead		20	8,200	--	38	14	(16)	--	150
Magnesium		3,500	4,200	7,200	11,000	4,600	(2,700)	2,600	11,000
Manganese		1,200	660	170	490	460	(220)	400	570
Mercury		--	1.7	--	--	--	--	--	--
Nickel		18	27	15	15	14	(8.6)	6.1	24
Potassium		--	--	--	670	--	--	--	1,100
Selenium		--	5.2	--	--	--	--	--	--
Silver		2.4	5.5	--	--	--	(1.9)	--	1.7
Vanadium		14	22	8.8	15	11	(7.1)	--	150
Zinc		65	4,000	55	68	41	(36)	22	65
Total Cyanide		1.0	1.3	--	--	--	--	--	6.7
Total Sulfide		NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Samples were collected between January 10 and 21, 1991 and submitted to Compuchem Laboratories, Inc. for analysis of Appendix IX+3 inorganic constituents.

Only detected constituents are shown.

ppm - Parts per million - dry weight.

-- Indicates not detected at or above the detection level.

NA - Not analyzed.

() - Data presented in parentheses were reported in wet-weight ppm by the analytical laboratory.

TABLE 4-11

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING DATA RELATED TO MONITORING WELLS

PCBs (Dry-weight ppm)

Location	(Depth)	Aroclor 1016, 1232, 1242 and/or 1248	Aroclor 1254	Aroclor 1260	Total PCBs
ES2-1	(0-2 ft.)	--	--	54	54
	(2-4 ft.)	NS	NS	NS	NS
	(4-6 ft.)	--	--	19	19
	(6-8 ft.)	--	--	6.4	6.4
	(8-10 ft.)	NS	NS	NS	NS
	(10-12 ft.)	--	--	24	24
	(12-14 ft.)	--	--	42	42
	(14-16 ft.)	--	--	74	74
	(16-18 ft.)	NS	NS	NS	NS
	(18-20 ft.)	--	--	0.51	0.51
	(20-22 ft.)	--	--	2	2
	(22-24 ft.)	--	--	7.3	7.3
	(24-26 ft.)	--	--	0.71	0.71
	(26-28 ft.)	--	--	0.58	0.58
	(28-30 ft.)	--	--	0.07*	0.07
	(30-32 ft.)	--	--	0.6	0.6
	(32-34 ft.)	--	--	1	1
ES2-2	(0-2 ft.)	18*	280*	150*	450
	(2-4 ft.)	--	0.23*	0.09*	0.32
	(4-6 ft.)	36*	760*	330*	1,100
	(6-8 ft.)	20*	160*	100*	280
	(8-10 ft.)	18*	280*	190*	490
	(10-12 ft.)	0.63*	10*	5.5*	16
	(10-12 ft.) Dup.	4.6*	90*	41*	140
	(12-14 ft.)	0.2*	3.7*	2.1*	6
	(14-16 ft.)	0.37*	6.2*	3.3*	9.9
	(16-18 ft.)	--	0.06*	--	0.06
	(18-20 ft.)	0.15*	2.6*	1.6*	4.4
	(20-22 ft.)	--	1*	0.68*	1.7
	(22-24 ft.)	0.27*	4.4*	2.7*	7.4
	(24-26 ft.)	--	23*	13*	36
	(26-28 ft.)	0.4*	7.4*	4.3*	12
	(28-30 ft.)	--	18*	11*	29

(See Notes on Page 4)

TABLE 4-11
(CONT'D)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING DATA RELATED TO MONITORING WELLS

PCBs (Dry-Weight ppm)

Location	(Depth)	Aroclor			Total PCBs
		1016, 1232, 1242 and/or 1248	1254	1260	
ES2-3	(0-2 ft.)	--	--	49	49
	(2-4 ft.)	--	20	3	23
	(4-6 ft.)	--	5.6	1.8	7.4
	(6-8 ft.)	--	1.4	1.3	2.7
	(8-10 ft.)	--	32	--	32
	(10-12 ft.)	--	--	--	--
	(10-12 ft.) Dup.	--	0.51	--	0.51
	(12-14 ft.)	--	0.21	--	0.21
	(14-16 ft.)	--	3.2	0.87	4.1
	(16-18 ft.)	--	0.3	0.07	0.37
	(18-20 ft.)	--	0.39	0.09	0.48
	(20-22 ft.)	--	0.85	--	0.85
	(22-24 ft.)	--	0.1	0.05	0.15
	(24-26 ft.)	--	0.19	0.05	0.24
	(26-28 ft.)	--	--	--	--
	(28-30 ft.)	--	--	--	--
ES2-4	(0-2 ft.)	--	140	--	140
	(2-4 ft.)	--	0.61	0.44	1
	(4-6 ft.)	NS	NS	NS	NS
	(6-8 ft.)	--	11	1.4	12
	(8-10 ft.)	--	--	--	--
	(10-12 ft.)	--	--	--	--
	(12-14 ft.)	--	--	--	--
	(14-16 ft.)	--	1.5	0.62	2.1
	(16-18 ft.)	--	0.3	0.13	0.43
	(18-20 ft.)	--	1.9	0.55	2.4
	(20-22 ft.)	--	0.4	0.12	0.52
	(20-22 ft.) Dup.	--	0.39	0.14	0.53

(See Notes on Page 4)

TABLE 4-11
(CONT'D)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING DATA RELATED TO MONITORING WELLS

PCBs (Dry-Weight ppm)

Location (Depth)	Aroclor 1016, 1232, 1242 and/or 1248	Aroclor 1254	Aroclor 1260	Total PCBs
ES2-5 (0-2 ft.)	0.45*	5.4	1.1	7
(2-4 ft.)	--	--	--	--
(4-6 ft.)	0.15*	0.71	--	0.71
(4-6 ft.) Dup.	--	0.21	--	0.21
(6-8 ft.)	--	--	--	--
(8-10 ft.)	--	0.07	--	0.07
(10-12 ft.)	--	--	--	--
(12-14 ft.)	--	--	--	--
(14-16 ft.)	0.21*	1.3	0.46	2
(16-18 ft.)	--	--	--	--
(18-20 ft.)	--	--	0.12	0.12
(20-22 ft.)	--	--	--	--
(22-24 ft.)	--	0.21	0.1	0.31
(24-26 ft.)	--	--	--	--
(26-28 ft.)	--	--	--	--
(28-30 ft.)	--	--	--	--
ES2-6 (0-2 ft.)	--	--	1.5	1.5
(2-4 ft.)	--	0.4*	0.1	0.5
(4-6 ft.)	--	0.2*	0.07	0.3
(6-8 ft.)	--	--	0.08	0.08
(8-10 ft.)	--	--	7.5	7.5
(10-12 ft.)	--	--	140	140
(12-14 ft.)	--	--	160	160
(14-16 ft.)	--	--	81	81
(16-18 ft.)	--	--	33	33
(18-20 ft.)	--	--	0.9	0.9
(20-22 ft.)	--	--	1.4	1.4
(22-24 ft.)	--	--	1.3	1.3
(24-26 ft.)	--	--	0.09	0.09
(26-28 ft.)	--	--	0.2	0.2
(28-30 ft.)	--	--	0.05	0.05
(30-32 ft.)	--	--	0.05	0.05
(32-34 ft.)	--	--	0.96	0.96
(34-36 ft.)	--	--	5.6	5.6
(36-38 ft.)	--	--	1.4	1.4
(38-40 ft.)	--	--	2.1	2.1
(40-42 ft.)	--	--	0.3	0.3
(42-44 ft.)	--	--	0.3	0.3
(44-46 ft.)	NS	NS	NS	NS
(46-48 ft.)	--	--	0.05	0.05
(48-50 ft.)	--	--	--	--

(See Notes on Page 4)

TABLE 4-11
(CONT'D)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING DATA RELATED TO MONITORING WELLS

PCBs (Dry-Weight ppm)

Location	(Depth)	Aroclor			Total PCBs
		1016, 1232, 1242 and/or 1248	1254	1260	
ES2-7	(0-2 ft.)	--	97	110	210
	(2-4 ft.)	--	1.5	2.6	4.1
	(4-6 ft.)	3.9	12	82	98
	(6-8 ft.)	--	--	100*	100
	(8-10 ft.)	37*	--	440*	480
	(10-12 ft.)	0.25*	--	3.8*	4
	(12-14 ft.)	0.25*	--	3.7*	4
	(14-16 ft.)	--	--	0.2*	0.2
	(16-18 ft.)	--	--	0.52*	0.52
	(18-20 ft.)	--	--	0.72*	0.72
	(20-22 ft.)	--	--	0.25*	0.25
	(22-24 ft.)	--	--	0.33*	0.33
	(24-26 ft.)	--	--	0.28*	0.28
	(26-28 ft.)	--	--	0.11*	0.11
	(28-30 ft.)	--	--	--	--
	(30-32 ft.)	--	--	--	--
	(32-34 ft.)	NS	NS	NS	NS
	(34-36 ft.)	--	0.3	0.47	0.77
	(36-38 ft.)	--	--	--	--
	(38-40 ft.)	--	--	0.05	0.05
	(40-42 ft.)	--	--	--	--

Notes:

Samples were collected between January 10 and 21, 1991 and submitted to IT Analytical Services (ITAS) for PCB analysis.

ppm - Parts per million.

-- Indicates not detected at or above the detection level.

NS - Not sampled.

* - Sample exhibits alteration of standard Aroclor pattern.

Dup. - Indicates duplicate sample.

TABLE +12

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP GROUNDWATER APPENDIX IX +3 DATA

VOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	ES2-1 Water ---	ES2-2 Water ---	ES2-3 Water ---	ES2-4 Water ---	ES2-4 Duplicate Sample	ES2-5 Water ---	ES2-6 Water ---	ES2-7 Water ---	4 Water ---	24 Water ---	43 Water ---	54 Water ---	61 Water ---	63 Water ---	64 Water ---
Volatiles (ppm)																
Acetone		--	--	--	0.008 ^B	0.010 ^B	--	--	--	0.002 ^{BU}	0.019 ^{BU}	0.006 ^J	--	0.006 ^{BU}	--	--
Benzene		0.018 ^J	0.003 ^J	--	--	--	--	0.140	--	--	0.043	0.120	1.1	--	0.050	0.140 ^J
Chlorobenzene		0.600	0.300	0.030	--	--	--	0.340	0.008	0.009	0.430	0.054	0.035 ^J	--	0.190	0.870
Chloroethane		--	--	0.003 ^J	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform		--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.520
1,1-Dichloroethane		--	0.017	--	0.006	0.006	--	--	--	--	--	--	--	--	--	2.4
1,2-Dichloroethane		--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.9
1,1-Dichloroethene		--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.240 ^J
1,2-Dichloroethene (total)		--	0.008 ^J	--	0.001 ^J	--	--	--	--	--	--	--	--	--	--	5.4
Ethylbenzene		--	0.057	--	--	--	--	1.3	--	--	--	0.020	0.980	--	--	0.280 ^J
Methylene chloride		0.027 ^{BU}	0.006 ^{BU}	0.003 ^{BU}	0.001 ^{BU}	0.004 ^{BU}	0.002 ^{BU}	0.039 ^{BU}	0.002 ^{BU}	0.004 ^{BU}	0.009 ^{BU}	--	0.029 ^{BU}	0.002 ^{BU}	0.003 ^{BU}	0.600 ^{BU}
Tetrachloroethene		--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.100 ^J
Toluene		--	0.020	--	--	--	--	0.310	--	--	--	0.002 ^J	0.320	--	--	1.7
1,1,1-Trichloroethane		--	--	--	0.007	0.006	--	--	--	--	--	--	--	--	--	11.0
Trichloroethene		--	0.003 ^J	--	0.006	0.006	--	--	--	0.004 ^J	--	--	--	--	--	1.2
Vinyl chloride		0.014 ^J	0.015 ^J	0.001 ^J	--	--	--	--	--	--	--	--	--	--	--	1.5
Xylenes (total)		--	0.240	--	--	--	--	1.2	--	--	--	0.016	0.960	--	--	0.940

Notes:

Samples were collected between February 4 and 6, 1991 and submitted to Compuchem Laboratories, Inc. for analysis of Appendix IX +3 volatile constituents.

Only detected constituents are shown.

ppm - Parts per million.

-- Indicates not detected at or above the detection level.

^B - The analyte was also detected in the associated blank.

^J - Value indicates an estimated value less than the CLP required quantitation limit.

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP GROUNDWATER APPENDIX IX + 3 DATA

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	ES2-1 Water —	ES2-1(RE) Water —	ES2-2 Water —	ES2-3 Water —	ES2-3(DL) Water —	ES2-4 Water —	ES2-4(RE) Water —	ES2-4 Duplicate Sample	ES2-4(RE) Duplicate Sample	ES2-5 Water —	ES2-5(RE) Water —	4 Water —
<u>Semivolatiles (ppm, except where noted)</u>													
Acenaphthene		0.016	0.015	0.100	--	--	0.003 ¹	0.003 ¹	0.005 ¹	0.004 ¹	0.003 ¹	0.002 ¹	--
Acetophenone		--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene		--	--	0.019	--	--	--	--	--	--	--	--	--
Anthracene		--	--	0.024	--	--	--	--	--	--	0.002 ¹	--	--
Benzo(a)anthracene		--	--	0.011	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene		--	--	0.008 ^{DL}	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene		--	--	0.008 ^{DL}	--	--	--	--	--	--	--	--	--
Benzoic Acid		--	--	--	0.001 ¹	--	--	--	--	--	--	--	--
Benzyl Alcohol		--	--	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene		--	--	0.002 ¹	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene		--	--	0.007 ¹	--	--	--	--	--	--	--	--	--
Bis(2-Ethylhexyl)phthalate		0.001 ¹	0.001 ¹	0.002 ¹	--	--	--	--	--	--	--	--	--
2-Chlorophenol		--	0.002 ¹	--	--	--	--	--	--	--	--	--	--
4-Chloro,3-methylphenol		--	--	--	--	--	--	--	--	--	--	--	--
Chrysene		--	--	0.010	--	--	--	--	--	--	--	--	--
2-Chloronaphthalene		--	--	0.008 ¹	--	--	--	--	--	--	--	--	--
Dibenzofuran		--	--	0.010	--	--	--	--	--	--	--	0.001 ¹	--
1,2-Dichlorobenzene		0.002 ¹	0.003 ¹	0.014	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene		0.024	0.025	0.070	0.002 ¹	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene		0.084	0.096	0.130	0.004 ¹	--	0.005 ¹	0.003 ¹	0.003 ¹	0.002 ¹	0.003 ¹	0.003 ¹	--

(See Notes on Page 6)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
 AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP GROUNDWATER APPENDIX IX + 3 DATA

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	ES2-1 Water ---	ES2-1(FE) Water ---	ES2-2 Water ---	ES2-3 Water ---	ES2-3(DL) Water ---	ES2-4 Water ---	ES2-4(FE) Water ---	ES2-4 Duplicate Sample	ES2-4(FE) Duplicate Sample	ES2-5 Water ---	ES2-5(FE) Water ---	4 Water ---
Semivolatiles (ppm, except where noted)													
2,4-Dichlorophenol		--	--	--	--	--	--	--	--	--	--	--	--
Diethylphthalate		--	--	--	--	--	--	--	--	--	--	--	--
Dimethoate		--	--	--	--	--	--	--	--	--	--	--	--
2,4-Dimethylphenol		--	--	--	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene		--	--	--	--	--	--	--	--	--	0.002 ^d	--	--
Di-n-Butylphthalate		--	--	--	--	--	--	--	--	--	--	--	--
Diphenylamine		--	--	--	--	--	--	0.003 ^{dx}	--	--	0.002 ^d	--	--
Fluorene		0.002 ^d	--	0.056	--	--	0.003 ^d	0.002 ^d	0.005 ^d	0.002 ^d	0.004 ^d	0.003 ^d	--
Fluoranthene		0.002 ^d	0.001 ^d	0.026	--	--	--	--	--	--	--	0.001 ^d	--
Heptachlorodibenzodioxin (ppt)		--	NA	--	--	NA	--	NA	--	NA	--	NA	NA
Heptachlorodibenzofuran (ppt)		--	NA	--	--	NA	--	NA	--	NA	--	NA	NA
Hexachlorodibenzofuran (ppt)		--	NA	0.0037	--	NA	--	NA	--	NA	--	NA	NA
Indeno(1,2,3-cd)pyrene		--	--	0.002 ^d	--	--	--	--	--	--	--	--	--
Isophorone		--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene		--	--	0.001 ^d	--	--	--	--	--	--	0.029	0.019	--
3-Methylphenol		--	--	--	--	--	--	--	--	--	--	--	--
2-Methylphenol		--	--	--	--	--	--	--	--	--	--	--	--
4-Methylphenol		--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene		0.004 ^d	0.006 ^d	0.066	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine(1)		--	--	--	--	--	--	0.003 ^{dx}	--	--	0.002 ^d	--	--

(See Notes on Page 6)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP GROUNDWATER APPENDIX IX + 3 DATA

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	ES2-1 Water	ES2-1 (RE) Water	ES2-2 Water	ES2-3 Water	ES2-3(DL) Water	ES2-4 Water	ES2-4 (RE) Water	ES2-4 Duplicate Sample	ES2-4 (RE) Duplicate Sample	ES2-5 Water	ES2-5 (RE) Water	4 Water
<u>Semivolatiles (ppm, except where noted)</u>													
Octachlorodibenzodioxin (ppt)		--	NA	--	--	NA	--	NA	--	NA	--	NA	NA
Octachlorodibenzofuran (ppt)		--	NA	--	--	NA	--	NA	--	NA	--	NA	NA
p-Dimethylaminoazobenzene		--	--	--	--	--	--	--	--	--	--	--	--
Pentachlorobenzene		--	--	--	--	--	0.004 ^J	0.003 ^J	0.005 ^J	0.003 ^J	--	--	--
Pentachlorodibenzofuran (ppt)		--	NA	3.2	--	NA	--	NA	--	NA	--	NA	NA
Pentachlorophenol		--	--	--	0.300 ^E	0.180 ^D	--	--	--	--	0.008 ^J	--	--
Phenanthrene		0.001 ^J	--	0.098	--	--	--	--	--	--	0.002 ^J	0.003 ^J	--
Phenol		--	--	--	--	--	--	--	--	--	--	--	--
Pyrene		0.002 ^J	0.002 ^J	0.037	--	--	--	--	--	--	0.001 ^J	0.001 ^J	--
1,2,4,5-Tetrachlorobenzene		--	--	--	--	--	0.006 ^J	0.004 ^J	0.006 ^J	0.004 ^J	--	--	--
2,3,4,6-Tetrachlorophenol		--	--	--	0.022	0.011 ^{DJ}	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene		0.002 ^J	0.003 ^J	0.047	--	--	0.130	0.093	0.100	0.082	--	--	0.001 ^J
2,4,5-Trichlorophenol		--	--	--	--	--	--	--	--	--	--	--	--
Total Phenols		--	NA	--	--	NA	--	NA	--	NA	--	NA	--

(See Notes on Page 6)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP GROUNDWATER APPENDIX IX + 3 DATA

SEMI-VOLATILE ORGANICS

Parameter:	Location: Sample Matrix Depth:	ES2-6 Water	ES2-6(DL) Water	ES2-7 Water	ES2-24 Water	ES2-43 Water	ES2-43(RE) Water	ES2-64 Water	ES2-64(DL) Water	ES2-64(RE) Water	ES2-61 Water	ES2-63 Water	ES2-63(RE) Water	ES2-64 Water
<u>Semivolatiles (ppm, except where noted)</u>														
Acenaphthene		0.730	0.550 ^{DJ}	0.003 ^J	--	0.007 ^J	0.013	0.220 ^E	0.330 ^{DJ}	0.180 ^E	--	0.011	0.011 ^J	0.002 ^J
Acetophenone		--	--	--	--	--	--	0.006 ^J	--	--	--	--	--	0.012
Acenaphthylene		0.190	0.140 ^{DJ}	--	--	--	0.002 ^J	0.042	--	0.041	--	0.003 ^J	0.002 ^J	--
Anthracene		0.210	0.150 ^{DJ}	--	--	0.003 ^J	0.002 ^J	0.015	--	0.017	--	--	--	--
Benzo(a)anthracene		0.120	0.120 ^{DJ}	--	--	--	0.001 ^J	--	--	--	--	--	--	--
Benzo(b)fluoranthene		0.110 ^{DK}	0.077 ND	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene		0.110 ^{DK}	0.077 ND	--	--	--	--	--	--	--	--	--	--	--
Benzoic Acid		--	--	--	--	0.003 ^J	0.002 ^J	--	--	--	--	0.012 ^J	--	--
Benzyl Alcohol		--	--	--	--	--	--	--	--	0.001 ^J	--	--	--	--
Benzo(g,h,i)perylene		0.028 ^J	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene		0.100 ^J	0.072 ^{DJ}	--	--	--	--	--	--	--	--	--	--	--
Bis(2-Ethylhexyl)phthalate		--	--	--	--	0.005 ^J	0.008 ^J	0.001 ^J	1.6 ^D	0.001 ^J	--	0.004 ^J	0.003 ^J	0.002 ^J
2-Chlorophenol		--	--	--	--	--	--	--	--	--	--	--	--	0.005 ^J
4-Chloro,3-methylphenol		--	--	--	--	--	--	--	--	--	--	--	--	0.026
Chrysene		0.120	0.095 ^{DJ}	--	--	--	0.001 ^J	--	--	--	--	--	--	--
2-Chloronaphthalene		--	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzofuran		0.0034 ^J	--	--	--	0.004 ^J	0.005 ^J	0.013	--	0.013	--	--	--	--
1,2-Dichlorobenzene		--	--	--	--	--	--	--	--	--	--	--	0.001 ^J	0.039
1,3-Dichlorobenzene		--	--	0.001 ^J	--	--	0.002 ^J	--	--	--	--	0.014	0.016	0.006 ^J
1,4-Dichlorobenzene		0.0022 ^J	--	0.005 ^J	--	0.003 ^J	0.005 ^J	0.004 ^J	--	--	--	0.037	0.044	0.022

(See Notes on Page 6)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
 AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP GROUNDWATER APPENDIX IX + 3 DATA

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	ES2-6 Water	ES2-6(DL) Water	ES2-7 Water	ES2-24 Water	ES2-43 Water	ES2-43(RE) Water	ES2-54 Water	ES2-54(DL) Water	ES2-54(RE) Water	ES2-61 Water	ES2-63 Water	ES2-63(RE) Water	ES2-64 Water
<u>Semivolatiles (ppm, except where noted)</u>														
2,4-Dichlorophenol		-	-	-	-	-	-	-	-	-	-	-	-	0.020
Diethylphthalate		-	-	-	-	-	-	-	-	-	-	-	-	0.001 ^J
Dimethoate		-	-	-	-	-	-	-	-	0.002 ^J	-	-	-	-
2,4-Dimethylphenol		-	-	-	-	-	-	-	-	-	-	-	-	0.030
2,4-Dinitrotoluene		-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-Butylphthalate		-	-	-	-	-	-	-	-	-	-	-	-	0.003 ^J
Diphenylamine		-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene		0.430	0.290 ^{DJ}	0.001 ^J	-	0.007 ^J	0.011	0.120	0.096 ^{DJ}	0.110	-	-	-	0.001 ^J
Fluoranthene		0.240	0.180 ^{DJ}	-	-	0.002 ^J	0.003 ^J	0.007 ^J	-	0.008 ^J	-	0.002 ^J	0.002 ^J	-
Heptachlorodibenzodioxin (ppt)		-	NA	-	NA	M	NA	-	NA	NA	-	-	NA	-
Heptachlorodibenzofuran (ppt)		-	NA	-	NA	3	NA	-	NA	NA	-	-	NA	-
Hexachlorodibenzofuran (ppt)		-	NA	-	NA	2	NA	-	NA	NA	-	-	NA	-
Indeno(1,2,3-cd)pyrene		0.022 ^J	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone		-	-	-	-	-	-	-	-	-	-	-	-	0.002 ^J
2-Methylnaphthalene		1.1	1.1 ^D	-	-	-	-	0.400 ^E	0.220 ^{DJ}	0.420 ^E	-	-	-	0.003 ^J
3-Methylphenol		-	-	-	-	-	-	-	-	-	-	-	-	0.078 ^X
2-Methylphenol		-	-	-	-	-	-	-	-	-	-	-	-	0.098
4-Methylphenol		-	-	-	-	-	-	-	-	-	-	-	-	0.078 ^X
Naphthalene		2.3 ^E	6.9 ^D	0.001 ^J	-	0.006 ^J	0.004 ^J	2.2 ^E	7.6 ^D	1.2 ^E	-	0.003 ^J	-	0.028
N-Nitrosodiphenylamine(1)		-	-	-	-	-	-	-	-	-	-	-	-	-

(See Notes on Page 6)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP GROUNDWATER APPENDIX IX + 3 DATA

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	ES2-6 Water	ES2-6(DL) Water	ES2-7 Water	ES2-24 Water	ES2-43 Water	ES2-43(RE) Water	ES2-54 Water	ES2-54(DL) Water	ES2-54(RE) Water	ES2-61 Water	ES2-63 Water	ES2-63(RE) Water	ES2-64 Water
<u>Semivolatiles (ppm, except where noted)</u>														
Octachlorodibenzodioxin (ppt)		--	NA	--	NA	14.4	NA	--	NA	NA	--	--	NA	--
Octachlorodibenzofuran (ppt)		--	NA	--	NA	3.1	NA	--	NA	NA	--	--	NA	--
p-Dimethylaminoazobenzene		--	--	--	--	--	--	--	--	0.001 ^J	--	--	--	--
Pentachlorobenzene		--	--	--	--	--	--	--	--	--	--	--	--	--
Pentachlorodibenzofuran (ppt)		--	NA	--	NA	M	NA	--	NA	NA	--	--	NA	--
Pentachlorophenol		--	--	--	--	0.004 ^J	--	--	--	--	--	--	--	--
Phenanthrene		0.930	0.730 ^D	--	--	0.005 ^J	0.007 ^J	0.096	0.100 ^{DJ}	0.097	--	--	--	--
Phenol		--	--	--	--	--	--	0.002 ^J	--	--	--	--	--	--
Pyrene		0.500	0.350 ^{DJ}	--	--	0.002 ^J	0.003 ^J	0.010	--	0.010 ^J	--	0.002 ^J	0.002 ^J	--
1,2,4,5-Tetrachlorobenzene		--	--	--	--	--	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol		--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene		--	--	--	0.001 ^J	--	--	--	--	--	--	0.003 ^J	0.003 ^J	0.031
2,4,5-Trichlorophenol		--	--	--	--	--	--	--	--	--	--	--	--	0.001 ^J
Total Phenols		--	NA	--	--	0.0112	NA	0.0138	NA	NA	--	--	NA	0.505

Notes:

Samples were collected between February 4 and 13, 1991 and submitted to Compuchem

Laboratories, Inc. for analysis of Appendix IX+3 semivolatile constituents.

Only detected constituents are shown.

RE - Indicates re-extraction of sample.

DL - Dilution of sample.

ppm - Parts per million.

ppt - Parts per trillion.

-- Indicates not detected at or above the detection limit.

^J - Value indicates an estimated value less than the CLP required quantitation limit.

M - Indicates a presence was noted, but not at a level that the laboratory could provide a definite identification or quantity.

^D - Compounds identified at a secondary dilution factor.

^E - The compound concentrations exceeded the calibration range of the GC/MS instrument for that specific analysis.

^X - Coeluting isomers were noted by the laboratory.

(1) - Cannot be separated from Diphenylamine.

NA - Not analyzed.

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP GROUNDWATER APPENDIX IX+3 DATA

INORGANICS

Parameter:	Location: Sample Matrix Depth:	ES2-1 Water ---	ES2-2 Water ---	ES2-3 Water ---	ES2-4 Water ---	ES2-4 Duplicate Sample	ES2-5 Water ---	ES2-6 Water ---	ES2-7 Water ---	4 Water ---	24 Water ---	43 Water ---	54 Water ---	61 Water ---	63 Water ---	64 Water ---
<u>Inorganics (ppm)</u>																
Aluminum		--	--	--	--	--	--	11	--	--	33(-)*	5	--	--	--	--
Arsenic		0.013	--	--	--	--	0.013	--	--	--	0.013(-)*	0.12	0.015	--	--	0.02
Barium		--	0.26	--	0.22	0.26	0.25	--	--	0.26	0.25(-)*	0.31	0.5	0.22	0.37	0.3
Cadmium		--	--	--	--	0.005	--	--	--	0.0056	0.0057(-)*	--	--	--	--	--
Calcium		77	87	58	89	92	77	97	37	90	140(100)*	110	75	110	120	110
Chromium		--	--	--	--	--	--	0.012	--	--	--(-)*	0.024	--	--	--	--
Copper		--	--	--	--	--	--	0.036	--	--	0.071(-)*	0.2	--	--	--	--
Iron		4.2	0.15	0.16	--	1.1	7	26	--	1.3	82(-)*	37	9.2	--	5.2	23
Lead		--	--	--	--	--	--	0.017	--	--	0.042(-)*	0.31	--	--	--	--
Magnesium		32	33	24	24	70	15	49	25	70	65(30)*	38	33	33	38	38
Manganese		0.67	1.7	0.67	--	1.9	2.3	0.96	0.08	1.9	3.3(1.3)*	2.2	1	--	1.2	1.7
Mercury		--	--	--	--	--	--	--	--	--	--(-)	0.00027	--	--	--	--
Nickel		--	--	--	--	--	--	--	--	--	0.076(-)*	0.26	--	--	--	--
Potassium		--	--	--	--	--	5.4	6.5	6.8	--	--(-)*	--	--	--	--	--
Sodium		59	72	27	55	110	66	39	--	110	42(47)*	57	57	26	72	48
Zinc		0.043	0.026	--	0.022	--	0.028	0.098	--	--	0.17(-)*	3.2	0.024	0.029	0.044	0.036
Total Cyanide		0.0202 ^A	--	--	--	--	--	0.0125 ^{AS}	--	NA	NA	0.134 ^{AS}	0.13 ^{AS}	--	0.191 ^{AS}	0.01
Total Sulfide		--	2.3	--	--	--	--	--	--	NA	NA	--	--	--	--	6.7

Notes:

Samples were collected between February 4 and 6, 1991 and submitted to Compuchem Laboratories, Inc. for analysis of Appendix IX+3 inorganic constituents.

Only detected constituents are shown.

ppm - Parts per million.

-- Indicates not detected at or above the detection level.

(-)* - Indicates dissolved metals concentrations.

NA - Not analyzed.

^{AS} - Indicates Semi-Automatic Spectrophotometric.

TABLE 4-15

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF PRE-MCP GROUNDWATER DATA NORTH OF RAILROAD TRACKS

Parameter	Well: Date Sampled:	4 3/2/89	17 3/3/89	27 3/2/89	32 3/3/89
<u>Volatiles (ppm)</u>					
Benzene		ND	0.51	ND	0.27
Chlorobenzene		ND	4.5	0.007	0.18
Chloroform		<0.005	ND	ND	ND
1,1-Dichloroethane		ND	ND	ND	<0.005
t-1,2-Dichloroethene		ND	ND	ND	<0.005
Ethyl benzene		ND	ND	ND	0.12
Methylene chloride		ND	0.012	ND	ND
Toluene		ND	ND	ND	0.021
Vinyl chloride		ND	ND	ND	0.01 ¹
<u>Semivolatiles (ppm)</u>					
Acenaphthene		ND	ND	ND	<0.028
bis(2-Ethylhexyl)phthalate		ND	ND	0.011	ND
1,2-Dichlorobenzene		ND	300	ND	ND
1,3-Dichlorobenzene		ND	<1.1 (0.98)*	ND	ND
1,4-Dichlorobenzene		ND	5.8*	ND	ND

See Notes on Page 4

TABLE 4-15
(Cont'd)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF PRE-MCP GROUNDWATER DATA NORTH OF RAILROAD TRACKS

Parameter	Well: Date Sampled:	4 3/2/89	17 3/3/89	27 3/2/89	32 3/3/89
Naphthalene		ND	0.087	ND	<0.028
N-nitrosodiphenylamine *		<0.011	<1.1 (0.68)*	<0.011	<0.028
1,2,4-Trichlorobenzene		0.016	27*	ND	0.053
<u>Metals (ppm)</u>					
Antimony		<0.03	<0.03	<0.03	<0.03
Arsenic		0.06	0.17	<0.03	0.07
Beryllium		<0.001	<0.001	<0.001	<0.001
Cadmium		<0.005	<0.005	0.006	0.006
Chromium		0.02	0.03	0.02	0.04
Copper		0.02	<0.01	0.01	<0.01
Lead		<0.03	<0.03	<0.03	<0.03
Mercury		<0.001	<0.001	<0.001	<0.001
Nickel		<0.02	<0.02	<0.02	<0.02

See Notes on Page 4

TABLE 4-15
(Cont'd)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF PRE-MCP GROUNDWATER DATA NORTH OF RAILROAD TRACKS

Parameter	Well: Date Sampled:	4 3/2/89	17 3/3/89	27 3/2/89	32 3/3/89
Selenium		<0.06	<0.06	<0.06	<0.06
Silver		<0.005	<0.005	<0.005	<0.005
Thallium		<0.03	<0.03	<0.03	<0.03
Zinc		0.17	0.017	0.19	0.21
<u>CYANIDE (ppm)</u>		0.02	<0.01	<0.01	0.17
<u>PHENOLS (ppm)</u>		<0.01	0.05	<0.01	0.06
<u>PCBs/Pesticides (ppm)</u>					
Aldrin		ND	0.520 ^Q	0.0006 ^Q	ND
Alpha-BHC		ND	0.067 ^Q	ND	ND
Beta-BHC		ND	0.28 ^Q	ND	ND
Gamma-BHC (Lindane)		ND	0.0044 ^P	ND	ND
Delta-BHC		ND	0.023 ^Q	ND	ND
Chlordane ^W		ND	0.9 ^P	ND	ND
4-4'-DDT		ND	0.34 ^P	ND	ND
4-4'-DDE		ND	0.14 ^P	ND	ND
4-4'-DDD		ND	0.27 ^P	ND	ND
Dieldrin		ND	0.14 ^P	ND	ND
Alpha-Endosulfan		ND	0.11 ^P	ND	ND

See Notes on Page 4

TABLE 4-15
(Cont'd)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF PRE-MCP GROUNDWATER DATA NORTH OF RAILROAD TRACKS

Parameter	Well: Date Sampled:	4 3/2/89	17 3/3/89	27 3/2/89	32 3/3/89
Beta-Endosulfan		ND	0.22 ^P	ND	ND
Endosulfan sulfate		ND	0.49 ^P	ND	ND
Endrin		ND	0.39 ^P	ND	ND
Endrin aldehyde ^W		ND	0.54 ^P	ND	ND
Heptachlor		ND	0.097 ^O	ND	ND
Heptachlor apoxide		ND	0.096 ^P	ND	ND
Toxaphene ^W		ND	1.6 ^P	0.002 ^P	0.002 ^P
Aroclor 1242 ^W		ND	0.011 ^P	ND	ND
Aroclor 1254 ^W		ND	0.024 ^P	ND	ND
Aroclor 1221 ^W		ND	0.012 ^P	ND	ND
Aroclor 1232 ^W		ND	0.021 ^P	ND	ND
Aroclor 1248 ^W		ND	0.015 ^P	ND	ND
Aroclor 1260 ^W		ND	1	ND	0.048
Aroclor 1016 ^W		ND	0.009 ^P	ND	ND

Notes:

1. ND - Not detected
2. ^B - Analyte was also detected in the associated method blank
3. ^J - Indicates an estimated value below the CLP required quantitation limit
4. ^W - Component has a quantation limit two times that listed
5. # - Detected as Diphenylamine
6. ^P - Elevated detection limit due to presence of Aroclor 1260
7. ^O - Elevated quantitation limit due to sample matrix interferences
8. All samples were analyzed for Appendix IX constituents plus benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine. Constituents that were analyzed for, but not detected were not included in this table.

TABLE 4-16

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF PRE-MCP GROUNDWATER DATA RELATED TO RECHARGE POND

FEBRUARY 4 - 25, 1992

PARAMETER	Week:	Upgradient Well 22				Downgradient Well 43				Downgradient Well 44				Downgradient Well P6			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Volatiles (ppm)																	
Chlorobenzene		0.190	0.260	0.200	0.190	0.130	0.095	0.160	0.045	0.420	0.400	0.460	0.500	ND	0.0045	ND	0.0037
Benzene		0.0071	0.0085	0.0076	ND	0.140	0.098	0.160	0.058	0.210	0.200	0.410	0.160	0.0037	0.0034	ND	0.0035
Toluene		0.017	0.031	0.023	0.016	ND	0.0018	0.0017	ND	ND	0.0027	0.002	0.0015	ND	ND	ND	ND
Ethylbenzene		0.160	0.180	0.150	0.160	ND	0.0027	0.0021	0.0041	0.016	0.0094	0.014	0.0075	ND	ND	ND	ND
Xylenes		0.230	0.490	ND	0.230	0.0074	0.0097	0.008	0.0093	0.011	0.022	0.012	0.012	ND	ND	ND	ND
Vinyl Chloride		0.011	0.012	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-dichloroethene		0.014	0.015	ND	0.047	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-dichlorobenzene		ND	0.059	ND	ND	ND	ND	ND	ND	ND	0.011	ND	ND	ND	ND	ND	ND
1,4-dichlorobenzene		0.031	0.091	ND	ND	ND	0.012	0.012	ND	ND	0.032	0.023	0.026	ND	ND	ND	ND
Carbon Disulfide		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.027	ND	ND	ND
Semivolatiles (ppm)																	
Naphthalene		19.1	145.0	85.05	74.9	ND	ND	ND	ND	0.023	0.019	0.039	ND	ND	ND	ND	ND
Acenaphthene		ND	ND	ND	ND	0.0078	ND	ND	0.0113	0.035	0.047	0.086	ND	ND	ND	ND	ND
1,3-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	0.0038	ND	0.011	ND	ND	ND	ND	ND
1,4-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	0.010	0.016	0.026	ND	ND	ND	ND	ND
Acenaphthylene		ND	ND	ND	ND	ND	ND	ND	ND	0.0027	ND	0.0052	ND	ND	ND	ND	ND
1-Methyl Naphthalene		ND	ND	ND	ND	ND	ND	ND	ND	0.064	0.087	0.122	ND	ND	ND	ND	ND
2-Methyl Naphthalene		ND	27.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran		ND	ND	ND	ND	ND	ND	ND	ND	0.0027	ND	0.0066	ND	ND	ND	ND	ND
Anthracene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0033	ND	ND	ND	ND	ND
Fluorene		ND	ND	ND	ND	ND	ND	ND	0.0059	ND	ND	0.00303	ND	ND	ND	ND	ND
Phenanthrene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.021	ND	ND	ND	ND	ND
Total PCBs (ppb)		3.6	13.0	3.4	3.2	0.320	0.035	0.049	0.160	0.300	0.0067	0.00775	0.0048	0.330	0.036	0.058	0.240

TABLE 4-17

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

VOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	X-1 Soil 2-4 ft	X-4 Soil 4-6 ft	X-5 Soil 8-10 ft	X-6 Soil 4-6 ft	X-7 Soil 6-8 ft	X-8 Soil 2-4 ft	X-8 (Dup.) Soil 2-4 ft	X-9 Soil 8-10 ft	X-10 Soil 2-4 ft	X-10(RE) Soil 2-4 ft
Volatiles (ppm)											
Acetone		0.01 ^f	--	--	0.02	0.16 ^g	0.018 ^g	0.040 ^g	0.023 ^g	0.01 ^{h,i}	0.024 ^{h,i}
Benzene		--	--	--	--	0.025 ^f	--	--	0.003 ^f	0.001 ^f	--
Chlorobenzene		0.12	92	2.9	--	0.73	--	--	0.004 ^f	0.35 ^e	0.68 ^{g,e}
Chloroform		--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane		--	--	0.31 ^f	--	--	--	--	--	--	--
Ethylbenzene		--	5.9	--	--	0.14	0.019	0.025	0.002 ^f	0.007	0.01 ^{h,i}
Methylene chloride		0.011 ^{h,i}	0.61 ^f	1.5 ^f	0.035 ^g	0.1 ^g	0.016 ^g	0.027 ^g	0.02 ^g	0.02 ^g	0.039 ^{h,i}
Styrene		--	--	--	--	--	0.002 ^f	0.001 ^f	--	--	--
Toluene		--	--	0.34 ^f	--	0.009 ^f	0.001 ^f	0.002 ^{h,i}	--	--	--
Trichloroethene		--	--	0.48 ^f	--	--	--	--	--	--	--
Trichlorofluoromethane		--	--	--	--	--	--	--	--	--	0.003 ^{h,i}
1,1,2-Trichloro-1,2,2-trifluoroethane		--	--	--	--	0.019 ^{h,i}	0.005 ^{h,i}	0.003 ^{h,i}	0.005 ^{h,i}	--	--
Xylenes (total)		0.004 ^f	32	1 ^f	--	0.28	0.008	0.008	--	0.015	0.024 ^g

(See Notes on Page 2)

TABLE 4-17
(Cont'd.)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

VOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	X-11 Soil 4-6 ft	X-12 Soil 6-10 ft	X-13 Soil 0-2 ft	X-14 Soil 4-6 ft	X-15 Soil 6-10 ft	X-16 Soil 6-10 ft	X-17 Soil 0-2 ft	X-18 Soil 14-16 ft	X-19 Soil 6-10 ft	X-20 Soil 10-12 ft
Volatiles (ppm)											
Acetone		0.028 ^b	0.23	--	0.009 ^{d,j}	0.009 ^{d,j}	0.01 ⁱ	--	0.029	--	--
Benzene		--	--	--	--	--	--	--	0.001 ⁱ	190	--
Chlorobenzene		--	--	--	--	--	--	--	--	--	--
Chloroform		--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane		--	--	--	--	--	--	--	--	--	--
Ethylbenzene		--	--	--	--	--	--	--	0.003 ⁱ	41	0.64 ^j
Methylene chloride		0.024 ^b	0.09 ^b	0.009 ^{d,j}	0.016 ^b	0.012 ^{d,j}	0.011 ^{d,j}	0.01 ^{d,j}	0.014 ^b	6.3 ^{d,j}	0.8 ^{d,j}
Styrene		--	--	--	0.002 ^j	--	--	--	--	160	1.9
Toluene		--	--	--	--	--	--	--	--	240	--
Trichloroethene		--	--	--	--	--	--	--	--	--	--
Trichlorofluoromethane		--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-trifluoroethane		0.004 ^{d,j}	--	--	--	--	--	--	--	--	--
Xylenes (total)		--	--	--	--	--	--	--	--	200	4.2

Notes:

Samples were collected between June 25 and July 10, 1991 and submitted to Compuchem Laboratories, Inc. for analysis of Appendix IX+3 volatile constituents.

Only detected constituents are shown.

RE - Indicates re-extraction of sample.

ppm - Parts per million.

-- Indicates not detected at or above the detection level.

^j - Value indicates an estimated value less than the CLP required quantitation limit.

^b - The analyte was also detected in the associated blank.

^d - Compounds identified at a secondary dilution factor.

^e - The compound concentrations exceeded the calibration range of the GC/MS instrument for that specific analysis.

Dup - Indicates duplicate sample.

TABLE 4-16

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	X-1 Soil 2-4 ft	X-4 Soil 4-6 ft	X-5 Soil 8-10 ft	X-6 Soil 4-6 ft	X-7 Soil 6-8 ft	X-7(DL) Soil 6-8 ft	X-8 Soil 2-4 ft	X-8 (Dup.) Soil 2-4 ft	X-8DL (Dup.) Soil 2-4 ft	X-9 Soil 8-10 ft	X-10 Soil 2-4 ft	X-11 Soil 4-6 ft	X-12 Soil 8-10 ft
Semivolatiles (ppm)														
Acenaphthene		1.8 ^f	0.81 ^f	0.49 ^f	0.33 ^f	50	32 ^D	1.5 ^f	2.3	2.1 ^{DJ}	0.11 ^f	--	--	--
Acetophenone		--	--	--	--	--	--	0.38 ^f	0.45 ^f	0.31 ^{DJ}	--	--	--	--
Acenaphthylene		--	0.36 ^f	--	1.6 ^f	15	10 ^{DJ}	3.9	3.2	3.3 ^D	0.14 ^f	0.93 ^f	--	--
Aniline		0.94 ^f	17	6.7	--	--	--	--	--	--	--	--	--	--
Anthracene		2 ^f	1.5 ^f	0.87 ^f	0.84 ^f	32	19 ^D	5.5	2.9	3.9 ^D	0.42 ^f	--	--	--
Benzo(a)anthracene		2.6 ^f	4.5	2.2 ^f	3.2	24	14 ^D	13	8.8	8 ^D	0.73	2.2 ^f	0.054 ^f	--
Benzo(b)fluoranthene		4.4 ^{EX}	8.7 ^{EX}	5.3 ^{EX}	7.1	32 ^{EX}	17 ^{EX}	23 ^{EX}	18 ^{EX}	19 ^D	1.1 ^{EX}	2.1 ^f	0.099 ^{EX}	--
Benzo(k)fluoranthene		4.4 ^{EX}	8.7 ^{EX}	5.3 ^{EX}	7.1	32 ^{EX}	17 ^{EX}	23 ^{EX}	18 ^{EX}	19 ^{EX}	1.1 ^{EX}	3.1 ^f	0.099 ^{EX}	--
Benzoic Acid		--	--	--	--	--	--	--	3.1 ^f	--	--	--	--	--
Benzo(g,h,i)perylene		--	1.5 ^f	1 ^f	2.3	7.1	4.8 ^{DJ}	5.2	3	2.4 ^{DJ}	0.29 ^f	1.3 ^f	--	--
Benzo(a)pyrene		1.9 ^f	4	2.1 ^f	4.5	22	12 ^D	11	7.2	8.2 ^{EX}	0.64	2.5 ^f	0.046 ^f	--
Benzyl Chloride		--	--	--	--	--	--	--	0.09 ^f	--	--	--	--	--
Bis(2-Ethylhexyl)phthalate		0.64 ^f	0.73 ^{DJ}	--	0.32 ^{DJ}	2.2 ^{DJ}	--	0.51 ^{DJ}	0.24 ^{DJ}	0.34 ^{DJ}	0.22 ^f	0.49 ^f	0.11 ^f	--
Butylbenzylphthalate		--	1.4 ^f	--	1.1 ^f	1.9 ^f	--	--	--	--	--	--	--	--
2-Chlorophenol		0.95 ^f	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene		2.5 ^f	4.6	2.6 ^f	3.8	25	14 ^D	11	6.5	--	0.65	2.6 ^f	--	--
Dibenzo(a,h)anthracene		--	0.88 ^f	--	0.92 ^f	3.5 ^f	2.4 ^{DJ}	1.4 ^f	0.98	0.75 ^{DJ}	0.083 ^f	--	--	--
Dibenzofuran		0.72 ^f	0.78 ^f	0.41 ^f	--	4.6 ^f	2.7 ^{DJ}	2.6 ^f	0.92	0.87 ^{DJ}	0.054 ^f	--	--	--
Di-n-Butylphthalate		2.8 ^f	4.1	--	--	--	--	1.2 ^f	0.46 ^f	0.47 ^{DJ}	--	--	--	--
Di-n-Octyl Phthalate		--	--	--	--	--	--	--	--	7.5 ^D	--	--	--	--

(See Notes on Page 8)

TABLE 4-18
(Cont'd.)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	X-13 Soil 0-2 ft	X-14 Soil 4-6 ft	X-14(DL) Soil 4-6 ft	X-15 Soil 6-10 ft	X-16 Soil 6-10 ft	X-17 Soil 0-2 ft	X-18 Soil 14-16 ft	X-18(DL) Soil 14-16 ft	X-19 Soil 6-10 ft	X-19(DL) Soil 6-10 ft	X-20 Soil 10-12 ft	X-20(DL) Soil 10-12 ft
Semivolatiles (ppm)													
Acenaphthene		--	9.7	--	--	--	--	9.8	11 ^D	1,600	2,500 ^{DJ}	2.4	--
Acetophenone		--	21	--	0.059 ^J	--	--	--	--	--	--	--	--
Acenaphthylene		0.045 ^J	23	--	0.35 ^J	--	--	4.9	5.3 ^D	12,000 ^F	16,000 ^D	17 ^F	12 ^{DJ}
Aniline		--	--	--	--	--	--	--	--	--	--	--	--
Anthracene		--	12	--	0.24 ^J	--	--	4.4	7.4 ^D	6,200	8,200 ^D	6.8	5.5 ^{DJ}
Benzo(a)anthracene		0.18 ^J	66	580 ^D	0.91	0.053 ^J	--	5.2	5.5 ^D	4,100	4,500 ^{DJ}	7.3	6.2 ^{DJ}
Benzo(b)fluoranthene		0.5 ^X	120 ^{EX}	--	1.2 ^X	0.045 ^{EX}	--	5.2 ^X	5.8 ^{DX}	3,600	4,200 ^{DX}	6.9 ^X	2.7 ^{DJ}
Benzo(k)fluoranthene		0.5 ^X	120 ^{EX}	--	1.2 ^X	0.045 ^{EX}	--	5.2 ^X	5.8 ^{DX}	3,600	4,200 ^{DX}	6.9 ^X	--
Benzoic Acid		0.084 ^{BJ}	6.9 ^{BJ}	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene		0.16 ^J	45	--	0.47	--	--	2.4	1.8 ^{DJ}	1,100	950 ^{DJ}	1.9	--
Benzo(a)pyrene		0.23 ^J	21	--	0.66	0.048 ^J	--	4.8	5.3 ^D	3,300	4,000 ^{DJ}	4.9	3.2 ^{DJ}
Benzyl Chloride		--	--	--	--	--	--	--	--	--	--	--	--
Bis(2-Ethylhexyl)phthalate		0.15 ^J	--	--	0.2 ^J	0.15 ^{BJ}	0.088 ^{BJ}	0.28 ^{BJ}	--	--	--	--	--
Butylbenzylphthalate		--	--	--	--	--	--	--	--	--	--	--	--
2-Chlorophenol		--	--	--	--	--	--	--	--	--	--	--	--
Chrysene		0.23 ^J	86 ^F	510 ^D	0.77	0.063 ^J	--	5	5.4 ^D	2,800	4,100 ^{DJ}	6.2	4.1 ^{DJ}
Dibenzo(a,h)anthracene		--	11	--	0.11 ^J	--	--	0.7 ^J	0.52 ^{DJ}	350 ^J	--	0.37 ^J	--
Dibenzofuran		--	14	--	--	--	--	0.79	0.81 ^{DJ}	1,500	1,700 ^{DJ}	1.3	--
Di-n-Butylphthalate		--	--	--	--	--	--	--	--	--	--	--	--
Di-n-Octyl Phthalate		0.06 ^J	--	--	--	--	--	--	--	--	--	--	--

(See Notes on Page 8)

TABLE 4-18
(Cont'd.)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	X-1 Soil 2-4 ft	X-4 Soil 4-6 ft	X-5 Soil 8-10 ft	X-6 Soil 4-6 ft	X-7 Soil 6-8 ft	X-7(DL) Soil 6-8 ft	X-8 Soil 2-4 ft	X-8 (Dup.) Soil 2-4 ft	X-8DL (Dup.) Soil 2-4 ft	X-9 Soil 8-10 ft	X-10 Soil 2-4 ft	X-11 Soil 4-6 ft	X-12 Soil 8-10 ft
Semivolatiles (ppm)														
Diphenylamine		--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene		1.6 ^J	0.54 ^J	3 ^J	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene		2.4 ^J	5.2	9.8	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene		6.2	14	54	--	1.8 ^J	--	--	--	--	--	--	--	1.4 ^J
2,4-Dimethylphenol		--	1.1 ^J	1.4 ^J	--	--	--	0.099 ^J	--	--	--	--	--	--
Fluorene		1.2 ^J	1.5 ^J	0.8 ^J	0.76 ^J	45	27 ^D	3.4 ^J	3.7	3.6 ^J	0.35 ^J	--	--	--
Fluoranthene		5.3 ^J	8.6	2.6 ^J	3.8	47	27 ^D	20	10	12 ^D	1.3	4.2	0.058 ^J	--
Heptachlorodibenzofuran		0.0034	0.00084	0.201 (0.167)	0.0202	0.00079 (-)	NA	--	--	NA	--	--	--	--
Heptachlorodibenzodioxin		0.001	--	0.0398 (0.0363)	--	-- (-)	NA	--	--	NA	--	--	--	--
Hexachlorodibenzodioxin		--	--	0.0199 (M)	--	-- (-)	NA	--	--	NA	--	--	--	--
Hexachlorodibenzofuran		0.0087	0.0011	0.562 (0.458)	0.0144	0.00093 (-)	NA	0.002	0.0016	NA	0.00043	M	--	--
Indeno(1,2,3-cd)pyrene		--	1.6 ^J	0.98 ^J	1.8 ^J	6.3	4.3 ^{DJ}	4.3	2.6	2.2 ^{DJ}	0.25 ^J	0.95 ^J	--	--
1-Methylnaphthalene		0.88 ^J	0.65 ^J	0.48 ^J	1.2 ^J	120 ^E	73 ^D	2.7 ^J	9.3	8.3 ^D	0.58	--	--	--
2-Methylnaphthalene		--	0.47 ^J	--	0.61 ^J	71	47 ^D	1.4 ^J	0.89	0.73 ^{DJ}	0.28 ^J	--	--	--
2-Methylphenol		--	0.52 ^J	--	--	--	--	--	--	--	--	--	--	--

(See Notes on Page 8)

TABLE 4-18
(Cont'd.)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	X-13 Soil 0-2 ft	X-14 Soil 4-6 ft	X-14(DL) Soil 4-6 ft	X-15 Soil 8-10 ft	X-16 Soil 8-10 ft	X-17 Soil 0-2 ft	X-18 Soil 14-16 ft	X-18(DL) Soil 14-16 ft	X-19 Soil 8-10 ft	X-19(DL) Soil 8-10 ft	X-20 Soil 10-12 ft	X-20(DL) Soil 10-12 ft
Semivolatiles (ppm)													
Diphenylamine		--	--	--	--	--	--	--	--	190 ^{xx}	--	--	--
1,2-Dichlorobenzene		--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene		--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene		--	--	--	--	--	--	0.62 ^j	0.58 ^{du}	--	--	--	--
2,4-Dimethylphenol		--	--	--	--	--	--	--	--	--	--	--	--
Fluorene		--	57	--	0.14 ^j	--	--	6.6	11 ^d	9,900	10,000 ^d	12	8 ^{du}
Fluoranthene		0.32 ^j	180 ^e	1,100 ^d	0.95	0.091 ^j	--	10	11 ^d	5,800	7,400 ^d	12	7.6 ^{du}
Heptachlorodibenzofuran		0.0012	--	NA	--	--	--	--	NA	--	NA	--	NA
Heptachlorodibenzodioxin		M	--	NA	--	--	--	--	NA	--	NA	--	NA
Hexachlorodibenzodioxin		--	--	NA	--	--	--	--	NA	--	NA	--	NA
Hexachlorodibenzofuran		0.00082	--	NA	--	--	--	--	NA	--	NA	--	NA
Indeno(1,2,3-cd)pyrene		0.12 ^j	29	--	0.34 ^j	--	--	1.5	1.3 ^{du}	810	--	1.5	--
1-Methylnaphthalene		--	350 ^e	2,700 ^d	0.13 ^j	--	--	26 ^e	30 ^d	59,000 ^e	57,000 ^d	140 ^e	130 ^d
2-Methylnaphthalene		--	260 ^e	1,800 ^d	0.049 ^j	--	--	12	14 ^d	29,000 ^e	39,000 ^d	89 ^e	100 ^d
2-Methylphenol		--	--	--	--	--	--	--	--	--	--	--	--

(See Notes on Page 8)

TABLE 4-16
(Cont'd.)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	X-1 Soil 2-4 ft	X-4 Soil 4-6 ft	X-5 Soil 6-10 ft	X-6 Soil 4-6 ft	X-7 Soil 6-8 ft	X-7 (DL) Soil 6-8 ft	X-8 Soil 2-4 ft	X-8 (Dup.) Soil 2-4 ft	X-8DL (Dup.) Soil 2-4 ft	X-9 Soil 8-10 ft	X-10 Soil 2-4 ft	X-11 Soil 4-6 ft	X-12 Soil 8-10 ft
Semivolatiles (ppm)														
3-Methylphenol		--	1.9 ^x	1.5 ^{rx}	--	--	--	--	--	--	--	--	--	--
4-Methylphenol		--	1.9 ^x	1.5 ^{rx}	--	--	--	--	--	--	--	--	--	--
Naphthalene		0.74 ^f	2.2	0.53 ^f	0.84 ^f	110 ^e	81 ^d	2.2 ^f	1.7	1.5 ^{bu}	0.97	--	--	1.1 ^f
N-Nitroso-Di-n-propylamine		0.95 ^f	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine(1)		--	--	--	--	--	--	--	--	--	--	--	--	--
Octachlorodibenzodioxin		0.00096	M	0.17 (0.157)	--	0.00032 (-)	NA	--	--	NA	--	M	--	--
Octachlorodibenzofuran		0.0034	0.0112	0.133 (0.0966)	0.0401	0.00079 (-)	NA	--	--	NA	--	--	--	--
Pentachlorobenzene		2.6 ^f	2.6	0.52 ^f	--	--	--	--	--	--	--	--	--	--
Pentachlorodibenzodioxin		--	--	0.008 (M)	--	--	NA	--	--	NA	--	--	--	--
Pentachlorodibenzofuran		0.0079	0.00098	0.454 0.504	M	0.00025 (-)	NA	--	0.00086	NA	0.00032	M	--	--
Phenanthrene		--	6.5	2.8 ^f	2.1	88	64 ^d	26	20 ^e	20 ^d	1.9	2.7 ^f	--	--
Phenol		2.2 ^f	5.8	4	--	--	--	0.69 ^f	0.33 ^f	--	--	--	--	0.64 ^f
Total Phenols		4.8	NA	7.7	3.0	0.64	NA	0.67	0.64	NA	0.18	0.98	--	9.1
Pyrene		6.9	6.6	3.5 ^f	4.6	58	28 ^d	20	18 ^e	20 ^d	1.6	6.2	0.052 ^f	--

(See Notes on Page 8)

TABLE 4-18
(Cont'd.)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	X-13 Soil 0-2 ft	X-14 Soil 4-6 ft	X-14(DL) Soil 4-6 ft	X-15 Soil 8-10 ft	X-16 Soil 8-10 ft	X-17 Soil 0-2 ft	X-18 Soil 14-16 ft	X-18(DL) Soil 14-16 ft	X-19 Soil 8-10 ft	X-19(DL) Soil 8-10 ft	X-20 Soil 10-12 ft	X-20(DL) Soil 10-12 ft
Semivolatiles (ppm)													
3-Methylphenol		--	--	--	--	--	--	--	--	--	--	--	--
4-Methylphenol		--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene		--	1,100 ^E	45,000 ^D	0.093 ^J	--	--	29 ^F	61 ^D	35,000 ^E	79,000 ^D	130 ^F	380 ^D
N-Nitroso-Di-n-propylamine		--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine(1)		--	--	--	--	--	--	--	190 ^K	--	--	--	--
Octachlorodibenzodioxin		0.0011	--	NA	--	--	--	--	NA	--	NA	--	NA
Octachlorodibenzofuran		0.00035	--	NA	--	--	--	--	NA	--	NA	--	NA
Pentachlorobenzene		--	--	--	--	--	--	--	--	--	--	--	--
Pentachlorodibenzodioxin		--	--	NA	--	--	--	--	NA	--	NA	--	NA
Pentachlorodibenzofuran		0.0004	--	NA	--	--	--	--	NA	--	NA	--	NA
Phenanthrene		0.21 ^J	290 ^E	3,500 ^D	0.56	0.052 ^J	--	20 ^F	32 ^D	23,000 ^E	33,000 ^D	34 ^E	26 ^D
Phenol		--	--	--	--	--	--	--	0.43 ^{DU}	--	--	--	--
Total Phenols		0.61	0.87	NA	0.12	--	--	--	NA	22	NA	1.4	NA
Pyrene		0.32 ^J	260 ^E	2,600 ^D	1.8	0.18 ^J	--	12 ^F	21 ^D	14,000 ^E	16,000 ^D	21 ^E	19 ^{DU}

(See Notes on Page 8)

TABLE 4-18
(Cont'd.)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

SEMIVOLATILE ORGANICS

Location: Sample Matrix: Depth:	X-1 Soil 2-4 ft	X-4 Soil 4-6 ft	X-5 Soil 8-10 ft	X-6 Soil 4-6 ft	X-7 Soil 6-8 ft	X-7(DL) Soil 6-8 ft	X-8 Soil 2-4 ft	X-8 (Dup.) Soil 2-4 ft	X-8DL (Dup.) Soil 2-4 ft	X-9 Soil 8-10 ft	X-10 Soil 2-4 ft	X-11 Soil 4-6 ft	X-12 Soil 8-10 ft
Semivolatiles (ppm)													
Tetrachlorodibenzofuran	0.0041	0.001	0.255 (0.283)	M	--	NA	--	--	NA	--	--	--	--
1,2,3,4-Tetrachlorobenzene	5.8 ^d	9.8	2.6 ^d	--	--	--	--	--	--	--	--	--	--
1,2,3,5-Tetrachlorobenzene	--	1.1 ^{ix}	1.1 ^{ix}	--	--	--	--	--	--	--	--	--	--
1,2,4,5-Tetrachlorobenzene	--	1.1 ^{ix}	1.1 ^{ix}	--	--	--	--	--	--	--	--	--	--
2,3,7,8-Tetrachlorodibenzofuran	0.0011	0.00025	0.0546 (0.0476)	M	--	NA	--	--	NA	--	--	--	--
1,2,4-Trichlorobenzene	2.4 ^d	9.4	8.7	--	0.91 ^j	--	--	--	--	--	--	--	--
1,3,5-Trichlorobenzene	0.99 ^j	1.1 ^d	3 ^d	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	0.88 ^j	--	1.6 ^d	--	--	--	--	--	--	--	--	--	--

(See Notes on Page 8)

TABLE 4-18
(Cont'd.)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

SEMIVOLATILE ORGANICS

Parameter:	Location: Sample Matrix: Depth:	X-13 Soil 0-2 ft	X-14 Soil 4-6 ft	X-14(DL) Soil 4-6 ft	X-15 Soil 8-10 ft	X-16 Soil 8-10 ft	X-17 Soil 0-2 ft	X-18 Soil 14-16 ft	X-18(DL) Soil 14-16 ft	X-19 Soil 8-10 ft	X-19(DL) Soil 8-10 ft	X-20 Soil 10-12 ft	X-20(DL) Soil 10-12 ft
Semivolatiles (ppm)													
Tetrachlorodibenzofuran		M	--	NA	--	--	--	--	NA	--	NA	--	NA
1,2,3,4-Tetrachlorobenzene		--	--	--	--	--	--	--	--	--	--	--	--
1,2,3,5-Tetrachlorobenzene		--	--	--	--	--	--	--	--	--	--	--	--
1,2,4,5-Tetrachlorobenzene		--	--	--	--	--	--	--	--	--	--	--	--
2,3,7,8-Tetrachlorodibenzofuran		M	--	NA	--	--	--	--	NA	--	NA	--	NA
1,2,4-Trichlorobenzene		--	--	--	--	--	--	0.11 ^j	--	--	--	--	--
1,3,5-Trichlorobenzene		--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene		--	--	--	--	--	--	--	--	--	--	--	--

Notes:

Samples were collected between June 25 and July 10, 1991 and submitted to Compuchem Laboratories, Inc. for analysis of Appendix IX+3 semivolatile constituents.

Only detected constituents are shown.

DL - Dilution of sample
parts per million - dry weight.

-- Indicates not detected at or above the detection level.

^j - Value indicates an estimated value less than the CLP required quantitation limit.

^D - Compounds identified at a secondary dilution factor.

^E - The compound concentrations exceed calibration range of the GC/MS instrument for that specific analysis.

^x - Coeluting isomers were noted by the laboratory.

^a - The analyte was also detected in the associated blank.

NA - Not analyzed.

M - Indicates a presence was noted, but not at a level that the laboratory could provide a definitive identification or quantity.

() - Re-analysis of dioxin/furan compounds for a sample result.

(1) - Cannot be separated from Diphenylamine.

Dup - Indicates duplicate sample.

TABLE 4-19

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

INORGANICS

Parameter:	Location: Sample Matrix: Depth:	X-1 Soil 2-4 ft	X-4 Soil 4-6 ft	X-5 Soil 8-10 ft	X-6 Soil 4-6 ft	X-7 Soil 6-8 ft	X-8 Soil 2-4 ft	X-8 (Dup.) Soil 2-4 ft	X-9 Soil 8-10 ft	X-10 Soil 2-4 ft	X-11 Soil 4-6 ft
Inorganics (ppm)											
Aluminum		11,100	6,090	8,790	9,590	3,860	7,410	7,250	5,330	7,190	11,200
Antimony		--	--	128	--	--	--	--	--	--	--
Arsenic		14.5	6.3	16	6.4	2.7	0.77 ^u	9.1	3.7	5.5	11.9
Barium		46.9	359	423	47.6	14.5 ^u	53.9	41.6	19.3 ^u	33.6	43.6
Beryllium		0.2 ^u	--	0.3 ^u	0.33 ^u	--	0.22 ^u	0.17 ^u	0.15 ^u	0.21 ^u	--
Cadmium		7	--	19.3	--	--	0.63	0.47 ^u	--	0.63	--
Calcium		16,800 ^l	26,800	20,400	11,600	2,500	28,300 ^l	15,200 ^l	18,300 ^l	18,100 ^l	10,100
Chromium		54.2	31.7	286	23.3	5.3	13.8	14.1	6.9	8.9	24.8
Cobalt		15.8	8.5 ^u	22.3	9.1 ^u	3.4 ^u	7.7	7.9	6.2 ^u	7.3	14.2
Copper		289	469	4,930	120	23.3	67.1	60.6	13.9	32.2	222
Iron		39,800 ^l	20,500	71,400	22,500	8,880	28,600 ^l	23,300 ^l	13,500 ^l	24,200 ^l	38,900
Lead		142	206	4,410	161	19	176	73.1	2.8	66.2	177
Magnesium		18,500	5,560	11,700	9,120	2,620	8,560	8,150	10,700	8,460	6,530
Manganese		1,940	1,680	1,480	393	148	419	285	270	540	766
Mercury		5.5	94.8	4.1	0.46	0.37	0.7	0.81	--	0.61	1.8
Nickel		72.4	17.2	165	26	7.8	19.2	19.2	11.5	16	38.7
Potassium		1,050	426 ^u	652 ^u	480 ^u	229 ^u	393 ^u	388 ^u	285 ^u	453 ^u	472 ^u
Selenium		--	--	--	--	--	--	0.69	--	--	--
Silver		--	--	131	--	--	--	--	--	--	--
Sodium		185 ^u	242 ^u	512 ^u	594 ^u	69.4 ^u	129 ^u	121 ^u	129 ^u	115 ^u	335 ^u
Thallium		--	--	--	--	--	--	--	--	--	--
Vanadium		29.4	16.9	19.6	44.1	6	16.1	16.3	6.8	14	14.6
Zinc		257 ^l	294 ^l	4,190	261	32.9	141 ^l	91.6 ^l	50.7 ^l	98.8 ^l	142
Total Cyanide		--	NA	--	--	1.3	11	10	1.0	1.1	0.14
Total Sulfide		--	NA	24.1	53.6	--	--	--	--	--	--

(See Notes on Page 2)

TABLE 4-19
(Cont'd)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

INORGANICS

Parameter:	Location: Sample Matrix: Depth:	X-12 Soil 0-10 ft	X-13 Soil 0-2 ft	X-14 Soil 4-6 ft	X-15 Soil 8-10 ft	X-16 Soil 8-10 ft	X-17 Soil 0-2 ft	X-18 Soil 14-16 ft	X-19 Soil 8-10 ft	X-20 Soil 10-12 ft
Inorganics (ppm)										
Aluminum		10,300	10,600	3,460	11,500	17,300	13,400	6,040	1,250	13,200
Antimony		--	--	--	--	--	--	--	--	--
Arsenic		10.3	35.7	32.2	11.5	9.3	11.9	3.6	17.6	5.2
Barium		73.1	59	43.6	22.8 ²	91.2	26.4	26.6	29.9 ²	10.6 ²
Beryllium		0.38 ²	0.29 ²	--	0.22 ²	0.68	0.22 ²	0.23 ²	0.22 ²	0.15 ²
Cadmium		--	--	--	--	--	--	--	1	--
Calcium		11,700 ¹	7,410 ¹	13,700 ¹	42,500 ¹	6,730 ¹	1,400 ¹	5,910 ¹	6,830 ¹	27,800 ¹
Chromium		20.7	19.3	8.6	17.7	18.1	13	8.1	8.6	12.3
Cobalt		10.9	10	2 ²	12.2	16.2	13.7	6	3 ²	13
Copper		115	87.3	14.5	45.4	22.9	35	9.1	153	25.5
Iron		41,700 ¹	33,300 ¹	40,300 ¹	35,200 ¹	39,400 ¹	28,200 ¹	13,800 ¹	10,700 ¹	28,900 ¹
Lead		191	105	95.3	4	1.8	38.9	1.8	363	2.2
Magnesium		8,260	7,320	4,510	25,600	7,220	4,950	5,190	1,840	18,700
Manganese		634	540	282	711	2,040	915	199	113	694
Mercury		2.4	0.38	1.4	--	--	--	--	2	--
Nickel		24.6	23.7	1.9 ²	28.4	24.3	23.1	10.7	16.4	29.8
Potassium		755	536 ²	502 ²	406 ²	612 ²	335 ²	289 ²	279 ²	313 ²
Selenium		--	--	--	--	--	--	--	--	--
Silver		--	--	--	--	--	--	--	--	--
Sodium		164 ²	163 ²	257 ²	108 ²	113 ²	96.1 ²	110 ²	200 ²	94 ²
Thallium		--	--	--	--	--	--	--	4.8	--
Vanadium		25.6	25.4	14.7	10	22	12.4	8.1	8.2 ²	9.9
Zinc		199 ¹	133 ¹	111 ¹	76.6 ¹	80.2 ¹	74.3 ¹	43.2 ¹	348 ¹	77.6 ¹
Total Cyanide		7.8	28	4.8	1.7	--	--	22	82	--
Total Sulfide		--	--	82.1	--	--	--	--	31.9	17.7

Notes:

Samples were collected between June 25 and July 10, 1991 and submitted Compuchem Laboratories, Inc. for analysis of Appendix IX+3 inorganic constituents. Only detected constituents are shown ppm - Parts per million - dry weight --Indicates not detected at or above the detection level.

² - Indicates an estimated value between the CLP required detection limit and the instrument detection limit.

¹ - A chemical or physical interference effect was encountered during the analysis NA - Not analyzed.

Dup - Indicates duplicate sample.

TABLE 4-20a

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY FOR MCP SOIL BORING PCB DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

(TOTAL PCBs, Dry-weight ppm)

LOCATION	DEPTH (FEET)								
	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18
X-1	320	71	410	32	96	NS	NS	NS	NS
X-1(Dup.)									
X-1		740 **							
X-4	0.43	100	1,800	300	100	3,500	NS	NS	NS
X-4(Dup.)				530					
X-4			79 **						
X-5	7.5	280	320	470	1,100	6.6	8.8	NS	NS
X-5					5,480 **				
X-6	2.2	77	75	5.7	0.07	NS	NS	NS	NS
X-6(RE)				0.59					
X-6			3.1 **						
X-7	7.3	27	9.1	18	1.1	15	8.2	27	NS
X-7				9.3 **					
X-8	26	11	25	14	25	33	39	NS	NS
X-8		28 **							
X-8(Dup.)		10 **							
X-9	6.2	0.51	7.5	7.2	10	9	0.06	NS	NS
X-9(Dup.)		2							
X-10	50	170	NS	140	160	38	NS	NS	NS
X-10		42 **							
X-11	0.6	6	22	14	100	67	NS	0.90	370
X-12	470	40	5.7	0.24	1.2	NS	NS	NS	NS
X-12					7.7 **				
X-13	14	NS	0.7	NS	--	0.13	NS	NS	NS
X-13(Dup.)						0.19			
X-13	1.7 **								
X-14	9.5	1.5	0.99	0.05	--	0.45	1.7	35	NS
X-14			-- **						
X-15	17	3.4	2.5	0.25	1.2	0.05	--	1	33
X-15(Dup.)				1.2					
X-15					-- **				
X-16	0.07	0.6	--	0.09	0.12	--	0.24	NS	NS
X-16					-- **				
X-17	--	0.16	--	--	--	NS	NS	NS	NS
X-17	-- **								
X-18	0.64	--	0.06	--	0.05	NS	NS	--	NS
X-18								0.37 **	
X-19	0.41	0.46	0.22	0.13	1.1	NS	NS	NS	NS
X-20	1.6	--	--	--	--	--	0.1	NS	NS
X-20(Dup.)									
X-20						0.28 **			

Notes:

Samples were collected between June 25 and July 10, 1991 and submitted to
IT Analytical Services for PCB analysis.

ppm = Parts per million.

NS = Not sampled.

RE = Indicates re-extraction of sample.

-- = Indicates not detected at or above the detection level.

Dup. = Indicates duplicate sample.

** = Split sample result (CompuChem Laboratories, Inc.).

TABLE 4-20b

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY FOR MCP SOIL BORING PCB DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

(AROCLOL 1260, Dry-weight ppm)

LOCATION	DEPTH (FEET)								
	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18
X-1	320 *	66	410 *	18 *	70	NS	NS	NS	NS
X-1(Dup.)									
X-1		740 **							
X-4	0.43	100	1,800	190	73	3,500	NS	NS	NS
X-4(Dup.)				52					
X-4			57 **						
X-5	7.5 *	280	150	360	1,100 *	3.8 *	8.8 *	NS	NS
X-5					880 **				
X-6	2.2	64	75 *	2	0.07	NS	NS	NS	NS
X-6(RE)				0.45					
X-6			3.1 **						
X-7	7.3	27	9.1 *	18 *	1.1 *	15	8.2 *	27	NS
X-7				9.3 **					
X-8	26 *	8.1 *	25 *	14 *	25 *	33 *	39	NS	NS
X-8		28 **							
X-8(Dup.)		10 **							
X-9	3.1 *	0.43	6.4	6.3	10 *	7.7	0.06 *	NS	NS
X-9(Dup.)		1.7							
X-10	50	170 *	NS	140	160	38 *	NS	NS	NS
X-10		42 **							
X-11	0.6	0.71	22	14 *	100 *	67 *	NS	89 *	370
X-12	450 *	40 *	5.1 *	0.17	1.2	NS	NS	NS	NS
X-12					7.7 **				
X-13	9.9 *	NS	0.59 *	NS	--	0.13 *	NS	NS	NS
X-13(Dup.)						0.19 *			
X-13	1.7 **								
X-14	9.5 *	1.5 *	0.99 *	0.05 *	--	0.45 *	1.7 *	35	NS
X-14			-- **						
X-15	17 *	2.3	1.7 *	0.25 *	1.2 *	0.05	--	1 *	33
X-15(Dup.)				1.1 *					
X-15					-- **				
X-16	0.07	0.52	--	0.09	0.12	--	0.24	NS	NS
X-16					-- **				
X-17	--	0.06 *	--	--	--	NS	NS	NS	NS
X-17	-- **								
X-18	0.5	--	0.06 *	--	0.05	NS	NS	--	NS
X-18								0.37 **	
X-19	0.41	0.19	0.22	0.05 *	0.76	NS	NS	NS	NS
X-20	1.6	--	--	--	--	--	0.1 *	NS	NS
X-20(Dup.)									
X-20						0.28 **			

Notes:

Samples were collected between June 25 and July 10, 1991 and submitted to IT Analytical Services (ITAS) for PCB analysis.

ppm = Parts per million.

* = Sample exhibits alteration of standard Aroclor pattern.

NS = Not sampled.

RE = Indicates re-extraction of sample.

-- = Indicates not detected at or above the detection level.

Dup. = Indicates duplicate sample.

** = Split sample result (CompuChem Laboratories, Inc.).

TABLE 4-20c

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY FOR MCP SOIL BORING PCB DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

(AROCOLOR 1254, Dry-weight ppm)

LOCATION	DEPTH (FEET)								
	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18
X-1	--	5.4	--	12 *	26	NS	NS	NS	NS
X-1(Dup.)									
X-1									
X-4	--	--**	--	110	29	--	NS	NS	NS
X-4(Dup.)				470					
X-4			--**						
X-5	--	--	150	85	--	2.8 *	--	NS	NS
X-5					4,600 **				
X-6	--	13	--	3.7	--	NS	NS	NS	NS
X-6(RE)				0.14					
X-6			--**						
X-7	--	--	--	--	--	--	--	--	NS
X-7				--**					
X-8	--	2.7	--	--	--	--	--	NS	NS
X-8		--**							
X-8(Dup.)		--**							
X-9	3.1 *	0.08	1.1	0.91	--	1.3	--	NS	NS
X-9(Dup.)		0.25							
X-10	--	--	NS	--	--	--	NS	NS	NS
X-10		--**							
X-11	--	5.3 *	--	--	--	--	NS	--	--
X-12	--	--	0.58 *	0.07	--	NS	NS	NS	NS
X-12					--**				
X-13	4.1 *	NS	0.11 *	NS	--	--	NS	NS	NS
X-13(Dup.)									
X-13	--**								
X-14	--	--	--	--	--	--	--	--	NS
X-14			--**						
X-15	--	1.1	0.81 *	--	--	--	--	--	--
X-15(Dup.)				0.1					
X-15					--**				
X-16	--	0.08	--	--	--	--	--	NS	NS
X-16					--**				
X-17	--	0.1 *	--	--	--	NS	NS	NS	NS
X-17	--**								
X-18	0.14	--	--	--	--	NS	NS	--	NS
X-18								--**	
X-19	--	0.27	--	0.08 *	0.31	NS	NS	NS	NS
X-20	--	--	--	--	--	--	--	NS	NS
X-20(Dup.)									
X-20						--**			

Notes:

Samples were collected between June 25 and July 10, 1991 and submitted to IT Analytical Services (ITAS) for PCB analysis.

ppm = Parts per million.

* = Sample exhibits alteration of standard Aroclor pattern.

NS = Not sampled.

RE = Indicates re-extraction of sample.

-- = Indicates not detected at or above the detection level.

Dup. = Indicates duplicate sample.

** = Split sample result (CompuChem Laboratories, Inc.).

TABLE 4-20d

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY FOR MCP SOIL BORING PCB DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

(AROCOLOR 1016, 1232, 1242, and/or 1248, Dry-weight ppm)

LOCATION	DEPTH (FEET)								
	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18
X-1	--	--	--	2.3 *	--	NS	NS	NS	NS
X-1(Dup.)									
X-1		-- **							
X-4	--	--	--	--	2.6 *	--	NS	NS	NS
X-4(Dup.)				5.9 *					
X-4			22 **						
X-5	--	--	20 *	22 *	--	--	--	NS	NS
X-5					-- **				
X-6	--	--	--	--	--	NS	NS	NS	NS
X-6(RE)				--					
X-6			-- **						
X-7	--	--	--	--	--	--	--	--	NS
X-7				-- **					
X-8	--	--	--	--	--	--	--	NS	NS
X-8		-- **							
X-8(Dup.)		-- **							
X-9	--	--	--	--	--	--	--	NS	NS
X-9(Dup.)		--							
X-10	--	--	NS	--	--	--	NS	NS	NS
X-10		-- **							
X-11	--	--	--	--	--	--	NS	0.83 ^	--
X-12	21	--	--	--	--	NS	NS	NS	NS
Y-12					-- **				
X-13	-- **	NS	--	NS	--	--	NS	NS	NS
X-13(Dup.)						--			
X-13	--								
X-14	--	--	--	--	--	--	--	--	NS
X-14			-- **						
X-15	--	--	--	--	--	--	--	--	--
X-15(Dup.)				--					
X-15					-- **				
X-16	--	--	--	--	--	--	--	NS	NS
X-16					-- **				
X-17	-- **	--	--	--	--	NS	NS	NS	NS
X-17	--								
X-18	--	--	--	--	--	NS	NS	--	NS
X-18								-- **	
X-19	--	--	--	--	--	NS	NS	NS	NS
X-20	--	--	--	--	--	--	--	NS	NS
X-20(Dup.)			--						
X-20						-- **			

Notes:

Samples were collected between June 25 and July 10, 1991 and submitted to IT Analytical Services (ITAS) for PCB analysis.

ppm = Parts per million.

* = Sample exhibits alteration of standard Aroclor pattern.

NS = Not sampled.

RE = Indicates re-extraction of sample.

-- = Indicates not detected at or above the detection level.

^ = Indicates an estimated value due to matrix interferences and the presence of Aroclor 1260.

Dup. = Indicates duplicate sample.

* = Split sample result (CompuChem Laboratories, Inc.).

TABLE 4-21

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

PESTICIDES/PCBs/HERBICIDES

Parameter:	Location: Sample Matrix: Depth:	X-1 Soil 2-4 ft	X-4 Soil 4-6 ft	X-5 Soil 8-10 ft	X-6 Soil 4-6 ft	X-7 Soil 6-8 ft	X-8 Soil 2-4 ft	X-8 (Dup.) Soil 2-4 ft	X-9 Soil 8-10 ft	X-10 Soil 2-4 ft	X-11 Soil 4-6 ft
Pesticides/PCBs (ppm)											
PCB-1248		--	22	--	--	--	--	--	NA	--	NA
PCB-1254		--	--	4,600	--	--	--	--	NA	--	NA
PCB-1260		740	57	880	3.1	9.3	28	10	NA	42	NA
Total PCBs		740	79	5,480	3.1	9.3	28	10	NA	42	NA
Aldrin		12	--	--	--	--	--	--	NA	--	NA
4,4'-DDE		--	--	--	--	--	--	--	NA	--	NA
Herbicides (ppm)											
2,4,5-T		--	--	--	--	0.069	--	--	--	--	--
2,4-D		--	--	--	--	--	--	--	--	--	--
2,4,5-TP (Silvex)		--	--	--	--	--	--	--	--	--	--

(See Notes on Page 2)

TABLE 4-21
(Cont'd.)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SOIL BORING APPENDIX IX+3 DATA RELATED TO FORMER OXBOW AND GAS PLANT AREAS

PESTICIDES/PCBs/HERBICIDES

Parameter:	Location: Sample Matrix: Depth:	X-12 Soil 0-10 ft	X-13 Soil 0-2 ft	X-14 Soil 4-6 ft	X-15 Soil 8-10 ft	X-16 Soil 8-10 ft	X-17 Soil 0-2 ft	X-18 Soil 14-16 ft	X-19 Soil 8-10 ft	X-20 Soil 10-12 ft
<u>Pesticides/PCBs (ppm)</u>										
PCB-1248		--	--	--	--	--	--	--	NA	--
PCB-1254		--	--	--	--	--	--	--	NA	--
PCB-1260		7.7	1.7	--	--	--	--	0.37	NA	0.28
Total PCBs		7.7	1.7	--	--	--	--	0.37	NA	0.28
Aldrin		--	--	--	--	--	--	--	NA	0.002
4,4'-DDE		--	--	--	0.0052	--	--	--	NA	--
<u>Herbicides (ppm)</u>										
2,4,5-T		--	--	--	0.047	0.07	--	--	--	--
2,4-D		--	--	--	0.16	0.28	--	--	--	--
2,4,5-TP (Silvex)		--	--	--	0.038	0.072	--	--	--	--

Notes:

Samples were collected between June 25 and July 10, 1991 and submitted to Compuchem Laboratories, Inc. for analysis of Appendix IX+3 pesticide, PCB, and herbicide constituents.

Only detected constituents are shown.

ppm - Parts per million - dry weight.

-- Indicates not detected at or above the detection level.

Dup. - Indicates duplicate sample.

NA - Not analyzed.

TABLE 4-22

GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF DNAPL RESULTS RELATED TO WELL ES2-6

Sample Location: ES2-6	
VOLATILE ORGANICS (ppm)	
Ethylbenzene	3,700
Toluene	250
1,2,4-Trimethylbenzene	1,700
Xylenes (total)	2,900
SEMIVOLATILE ORGANICS (ppm)	
Acenaphthene	18,000
Acenaphthylene	5,500
Anthracene	9,200
Benzo(a)anthracene	6,800
Benzo(b,k)fluoranthene	8,100
Benzo(a)pyrene	4,900
Chrysene	5,400
Fluoranthene	13,000
2-Methylnaphthalene	28,000
Naphthalene	75,000
Phenanthrene	39,000
Pyrene	29,000

Notes:

1. Samples were collected on March 2, 1994 and submitted to Alpha Analytical for analysis of volatile organics using USEPA Method 8260, semivolatile organics using USEPA Method 8270, and PCBs using methods outlined in USEPA Document No 600/4-81-045 ("Analysis of PCB's in Transformer Fluid and Waste Oil").
2. Only detected constituents are shown.
ppm = parts per million.

TABLE 4-23

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SOIL AND GROUNDWATER SAMPLE COLLECTION SUMMARY FOR USEPA AREA 4

PRIORITY POLLUTANT ANALYSES					
	VOCs	BASE/NEUTRAL/ ACID EXTRACTABLES	PHENOLS	PESTICIDES AND PCBs	INORGANICS/ CYANIDE
GROUNDWATER:					
A-7	X	X	X	X	X
C-1	X	X	X	X	X
17-A	X	X	X	X	X
17-C	X		X	X	X
17-C(RE)	NA	X	NA	NA	NA
SOILS:					
A-7				PCBs ONLY *	
B-1				PCBs ONLY *	
C-1				PCBs ONLY *	
17-A				PCBs ONLY *	
17-B				PCBs ONLY *	
17-C				PCBs ONLY *	
APPENDIX IX + 3 ANALYSES					
	VOCs	SVOCs/PHENOLS	DIOXIN/ FURAN COMPOUNDS	PESTICIDES/ HERBICIDES/PCBs	INORGANICS/ CYANIDE/SULFIDE
GROUNDWATER:					
RF-1	X	X	NA	PCBs ONLY	X
RF-2	X	X	X	PCBs ONLY	X
RF-3	X	X	X	PCBs ONLY	X
RF-4	X	X	X	PCBs ONLY	X
RF-16	X	X	X	PCBs ONLY	X
DP-1	X	X	X	X	X
DP-2	X	X	X	PCBs ONLY	X
SOILS:					
RF-1	NA	X / NA	NA	PCBs ONLY	NA
RF-2	X	X / NA	NA	PCBs ONLY	NA
RF-3	X	X / NA	NA	PCBs ONLY	NA
RF-4	X	X	NA	X	X
RF-16	X	X / NA	NA	PCBs ONLY	NA
DP-1 (6-12-91)	X	X	X	X	X
DP-V1	X	X / NA	NA	NA	NA
DP-P1	NA	NA	NA	PCBs ONLY	NA
DP-P2	NA	NA	NA	PCBs ONLY	NA
DP-P2(RE)	NA	NA	NA	PCBs ONLY	NA

NOTES:

DP-1 (6-12-91) - Duplicate sample for RF-4 (10-12').

DP-V1 - Duplicate sample for RF-16 (4-6').

DP-P1 - Duplicate sample for RF-16 (12-14').

DP-P2 - Duplicate sample for RF-1 (16-18').

RE - Indicates re-extraction of sample.

NA = Not analyzed.

* - Indicates samples were analyzed by GE's on-site laboratory.

Priority pollutant analytical methods include:

VOCs - Method 624

Base/neutral/acid extractables - Method 625

Pesticides/PCBs - Method 608

Metals - Method 200 Series

Appendix IX+3 analytical methods include:

Volatiles -

Sample Preparation - Method 5030

Sample Analysis - Method 8240

Semivolatiles -

Sample Preparation - Method 3550 or 3510

Sample Analysis - Method 8270

Pesticides/PCBs -

Method 8080

Organophosphorus Pesticides -

Method 8140

Herbicides -

Method 8150

Inorganics -

Method 6010, 7470, and 9010

Sulfide -

Method 9030

Total tetra through octa dioxin/furan isomers, 2,3,7,8-TCDD and 2,3,7,8-TCDF - Method 8280

TABLE 4-24

GENERAL ELECTRIC COMPANY – PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF USEPA AREA 4 SOIL BORING DATA

VOLATILE ORGANICS

LOCATION:	RF-2	RF-3	RF-4	RF-4 Dup.	RF-4	RF-16	RF-16 Dup.
SAMPLE MATRIX:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
DEPTH:	(0-2 FT.)	(8-10 FT.)	(10-12 FT.)	(10-12 FT.)	(20-22 FT.)	(4-6 FT.)	(4-6 FT.)
VOLATILES (PPM)							
Acetone	0.015	0.068B	0.038B	0.025B	0.022B	0.028B	0.021B
1,2-Dibromo-3-chloropropane	--	--	--	--	--	0.002BJ	--
Ethylbenzene	--	--	--	--	--	0.001J	--
Methylene Chloride	0.05B	0.044B	0.34B	0.058B	0.044B	0.093B	0.053B
Toluene	--	--	--	--	--	0.004J	--
1,1,2-Trichloro-1,2,2-trifluoroethane	--	--	0.003BJ	0.003BJ	--	--	--
Xylenes (Total)	--	--	--	--	--	0.003J	--

Notes:

Samples were collected from borings RF-1, RF-2, RF-3, and RF-16 between October 22 and 25, 1991.

Samples were collected from boring RF-4 on June 11, 1991.

All samples were submitted to CompuChem Laboratories for analysis of Appendix IX+3 volatile constituents.

Only detected constituents are shown.

ppm = Parts per million.

Dup. = Indicates duplicate sample.

B = The analyte was also detected in the associated blank.

J = Value indicates an estimated value less than the CLP required quantitation limit.

-- = Indicates not detected at or above the detection level.

TABLE 4-25

GENERAL ELECTRIC COMPANY – PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF USEPA AREA 4 SOIL BORING DATA

SEMIVOLATILE ORGANICS

	LOCATION: SAMPLE MATRIX: DEPTH:	RF-1 SOIL (12-14 FT.)	RF-2 SOIL (0-2 FT.)	RF-3 SOIL (8-10 FT.)	RF-4 SOIL (10-12 FT.)	RF-4 Dup. SOIL (10-12 FT.)	RF-16 SOIL (4-6 FT.)	RF-16 Dup. SOIL (4-6 FT.)
SEMIVOLATILES (PPM)								
Acenaphthylene		--	0.42	--	0.17J	0.047J	--	--
Anthracene		--	0.27J	--	0.082J	--	--	--
Benzo(a)Anthracene		--	3.7	0.28J	0.86	0.029J	--	--
Benzo(b)Fluoranthene		0.078JX	4.5	0.35J	1.2	0.22J	--	--
Benzo(k)Fluoranthene		0.078JX	2.4	0.16J	2.1	0.33J	--	--
Benzo(g,h,i)Perylene		--	1.9	0.13J	0.29J	0.13J	--	--
Benzo(a)Pyrene		0.078J	4	0.26J	0.77	0.29J	--	--
Benzoic Acid		--	--	--	0.041J	--	--	--
Bis(2-Ethylhexyl)Phthalate		--	0.11J	--	0.37BJ	0.28BJ	0.052J	0.33J
Butylbenzylphthalate		--	--	--	0.57	--	--	--
Chrysene		--	3.6	0.3J	0.8	0.27J	0.081J	--
Dibenz(a,h)Anthracene		--	0.61	--	0.12J	--	--	--
Di-n-Butylphthalate		--	--	--	0.064J	--	--	--
Di-n-Octyl Phthalate		--	--	--	--	--	--	0.046J
Dibenzofuran		--	--	--	--	--	0.23J	--
Fluoranthene		--	5.3	0.45	1.1	0.34J	0.94	--
Fluorene		--	0.049J	--	0.051J	0.051J	--	--
Indeno(1,2,3-cd)Pyrene		--	2	0.13J	0.25J	0.10J	--	--
Naphthalene		--	0.095J	--	--	--	--	--
Phenanthrene		--	1.1	0.2J	0.47	0.23J	3.5	--
Pyrene		--	4.9	0.4	1.2	0.56	0.084J	--
1-Methylnaphthalene		--	--	--	--	0.046J	--	--

Notes:

Samples were collected from borings RF-1, RF-2, RF-3, and RF-16 between October 22 and 25, 1991. Samples were collected from boring RF-4 on June 11, 1991.

All samples were submitted to CompuChem Laboratories for analysis of Appendix IX+3 semivolatile constituents.

Only detected constituents are shown.

Dup. = Indicates duplicate sample.

ppm = Parts per million.

-- = Indicates not detected at or above the detection level.

J = Value indicates an estimated value less than the CLP required quantitation limit.

X = Coeluting isomers were noted by the laboratory.

B = The analyte was also detected in the associated blank.

TABLE 4-26a

GENERAL ELECTRIC COMPANY – PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF USEPA AREA 4 SOIL BORING PCB DATA

(TOTAL PCBs, Dry-weight ppm)

LOCATION	DEPTH (FEET)						
	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14
RF-1	290	1.3	26	NS	0.86	31	0.43
RF-2	0.29	0.29	0.08	--	--	--	--
RF-3	5.7	1.2	32	--	12	8.8	NS
RF-4	0.28	0.52	--	--	--	--	--
RF-4						0.39 **	
RF-4 Dup.						0.53 **	
RF-16	15	0.92	0.93	0.77	15	1.3	--
RF-16 Dup.							0.09
RF-1 Dup.							
RF-1 Dup. (RE)							
LOCATION	DEPTH (FEET)						
	14 - 16	16 - 18	18 - 20	20 - 22	22 - 24	24 - 26	
RF-1	5.6	1.2	0.16	NS	NS	NS	
RF-2	--	--	NS	NS	NS	NS	
RF-3	3.1	2.1	--	NS	NS	NS	
RF-4	0.42	0.11	0.13	--	0.06	0.05	
RF-16	6.7	--	0.19	--	NS	NS	
RF-1 Dup.		0.07					
RF-1 Dup. (RE)		0.11					

(See Notes on Page 2)

TABLE 4-26a
(CONT'D.)
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF USEPA AREA 4 SOIL BORING PCB DATA

(TOTAL PCBs, Dry-weight ppm)

Location (Depth)		Total PCBs (ppm)
A-7	0-2 ft.	1.6
	2-4 ft.	44
	4-8 ft.	--
	8-10 ft.	--
	10-14 ft.	--
B-1	4-8 ft.	--
	8-12 ft.	--
	12-16 ft.	--
	16-20 ft.	--
C-1	0-4 ft.	1.9
	4-8 ft.	11
	8-12 ft.	11
	12-15.5 ft.	--
	15.5-19.5 ft.	--
17-A	2-4 ft.	--
	4-8 ft.	--
	10-12 ft.	--
	12-14.5 ft.	--
	12-14.5 ft. (Dup.)	--
	18-20 ft.	--
17-B	0-4 ft.	--
17-C	0-4 ft.	--
	4-8 ft.	--
	10-14 ft.	--
	14-18 ft.	--
	18-20 ft.	--

Notes:

Samples were collected from borings RF-1, RF-2, RF-3, and RF-16 between October 22 and 25, 1991.

Samples were collected from boring RF-4 on June 11, 1991.

Samples were collected from borings A-7, B-1, 17A, 17B, and 17C between May 1 and May 16, 1990 and analyzed for PCBs by GE. All other samples were analyzed for PCBs by IT Analytical Services.

ppm = Parts per million.

NS = Not sampled.

-- = Indicates not detected at or above the detection level.

RE = Indicates re-extraction of sample.

Dup. = Indicates duplicate sample.

** = Split sample result (CompuChem Laboratories, Inc.).

TABLE 4-26b

GENERAL ELECTRIC COMPANY – PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF USEPA AREA 4 SOIL BORING PCB DATA

(AROCOR 1260, Dry-weight ppm)

LOCATION	DEPTH (FEET)						
	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14
RF-1	290 *	1.3	26 *	NS	0.86 *	31 *	0.43 *
RF-2	0.19	0.13	0.08	--	--	--	--
RF-3	5.7	--	25 *	--	12 *	8.8	NS
RF-4	0.05	0.12	--	--	--	--	--
RF-4						0.14 **	
RF-4 Dup.						0.14 **	
RF-16	15	0.66	0.93 *	0.77	15	1.3	--
RF-16 Dup.							--

LOCATION	DEPTH (FEET)					
	14 - 16	16 - 18	18 - 20	20 - 22	22 - 24	24 - 26
RF-1	5.6 *	1.2 *	0.16 *	NS	NS	NS
RF-2	--	--	NS	NS	NS	NS
RF-3	3.1	2.1	--	NS	NS	NS
RF-4	0.11	--	--	--	--	--
RF-16	6.7	--	0.12	--	NS	NS
RF-1 Dup.		0.07 *				
RF-1 Dup. (RE)		0.11				

Notes:

Samples were collected from borings RF-1, RF-2, RF-3, and RF-16 between October 22 and 25, 1991.

Samples were collected from boring RF-4 on June 11, 1991.

All samples were submitted to IT Analytical Services for PCB analysis.

ppm = Parts per million.

* = Sample exhibits alteration of standard Aroclor pattern.

NS = Not sampled.

-- = Indicates not detected at or above the detection level.

Dup. = Indicates duplicate sample.

RE = Indicates re-extraction of sample.

** = Split sample result (CompuChem Laboratories, Inc.).

TABLE 4-26c

GENERAL ELECTRIC COMPANY – PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF USEPA AREA 4 SOIL BORING PCB DATA

(AROCOLOR 1254, Dry-weight ppm)

LOCATION	DEPTH (FEET)						
	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14
RF-1	--	--	--	NS	--	--	--
RF-2	0.1	0.16	--	--	--	--	--
RF-3	--	1.2	6.8 *	--	--	--	NS
RF-4	0.23 *	0.4	--	--	--	--	--
RF-4						0.25 **	
RF-4 Dup.						0.39 **	
RF-16	--	0.26	--	--	--	--	--
RF-16 Dup.							0.09
RF-1 Dup.							

LOCATION	DEPTH (FEET)					
	14 - 16	16 - 18	18 - 20	20 - 22	22 - 24	24 - 26
RF-1	--	--	--	NS	NS	NS
RF-2	--	--	NS	NS	NS	NS
RF-3	--	--	--	NS	NS	NS
RF-4	0.31	0.11	0.13	--	0.06	0.05
RF-16	--	--	0.07	--	NS	NS
RF-16 Dup.						
RF-1 Dup.		--				
RF-1 Dup. (RE)		--				

Notes:

Samples were collected from borings RF-1, RF-2, RF-3, and RF-16 between October 22 and 25, 1991.

Samples were collected from boring RF-4 on June 11, 1991.

All samples were submitted to IT Analytical Services for PCB analysis.

ppm - Parts per million.

-- = Indicates not detected at or above the detection level.

NS = Not sampled.

* = Sample exhibits alteration of standard Aroclor pattern.

Dup. = Indicates duplicate sample.

RE = Indicates re-extraction of sample.

** = Split sample result (CompuChem Laboratories, Inc.).

TABLE 4-27

GENERAL ELECTRIC COMPANY – PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF USEPA AREA 4 SOIL BORING DATA

INORGANICS

	LOCATION: SAMPLE MATRIX: DEPTH:	RF-4 SOIL (10-12 FT.)	RF-4 Dup. SOIL (10-12 FT.)
INORGANICS (PPM)			
Aluminum		14,900	12,000
Arsenic		7.2	8.9
Barium		18.4J*	23.9J*
Beryllium		--	0.15J*
Calcium		1,640	1,860
Chromium		14.6	11.8
Cobalt		15.6	15.9
Copper		31.3	31.0
Iron		31,700I	29,800I
Lead		13.5	17.1
Magnesium		5,750	4,820
Manganese		928	1,080
Nickel		28.9I	26.6I
Potassium		302J*	380J*
Sodium		144J*	122J*
Vanadium		13.7	13.1
Zinc		88.4	83.0

Notes:

Samples were collected on June 11, 1991 and submitted to CompuChem Laboratories for analysis of Appendix IX+3 inorganic constituents.

Only detected constituents are shown.

ppm = Parts per million.

J* = Indicates an estimated value between the CLP required detection limit and the instrument detection limit.

I = A chemical or physical interference effect was encountered during the analysis of the flagged analyte.

TABLE 4-28

GENERAL ELECTRIC COMPANY – PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF USEPA AREA 4 GROUNDWATER DATA

VOLATILE ORGANICS

LOCATION: MATRIX:	RF-1 WATER	RF-2 WATER	RF-3 WATER	RF-4 WATER	RF-16 WATER
<u>VOLATILES (PPM)</u>					
Carbon Disulfide	0.001J	0.002J	0.002J	--	--
Chloroform	--	--	--	--	--
Ethylbenzene	--	--	--	--	--
1,2-Dichloroethene (total)	0.002J	--	--	--	--
Methylene Chloride	--	0.002BJ	--	0.001BJ	--
Tetrachloroethene	0.002J	--	--	--	0.011
Trichloroethene	--	--	--	--	--
Vinyl Chloride	--	--	--	--	--
LOCATION: MATRIX:	RF-16 Dup. WATER	A-7 WATER	C-1 WATER	17-A WATER	17-C WATER
<u>OLATILES (PPM)</u>					
Carbon Disulfide	--	NA	NA	NA	NA
Chloroform	--	--	--	0.001J	0.004J
Ethylbenzene	--	--	0.002J	--	--
1,2-Dichloroethene (total)	--	NA	NA	NA	NA
Methylene Chloride	--	--	--	--	--
Tetrachloroethene	0.012	0.010	--	--	--
Trichloroethene	--	0.002J	0.036	--	--
Vinyl Chloride	--	--	0.04J	--	--

Notes:

Samples were collected from wells RF-1 through RF-4, and RF-16 on December 4, 1991. These samples were submitted to CompuChem Laboratories, Inc. for the analysis of Appendix IX+3 volatile constituents.

Samples were collected from borings A-7, C-1, 17-A, and 17-C between March 22 and 26, 1990. These samples were submitted to IT Analytical Services for the analysis of priority pollutant volatiles.

Only detected constituents are shown.

ppm = Parts per million.

J = Value indicates an estimated value less than the CLP required quantitation limit.

-- = Indicates not detected at or above the detection level.

B = The analyte was also detected in the associated blank.

Dup. = Indicates duplicate sample.

NA = Not analyzed.

TABLE 4-29

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF USEPA AREA 4 GROUNDWATER DATA

SEMIVOLATILE ORGANICS

LOCATION: SAMPLE MATRIX:	RF-1 WATER	RF-2 WATER	RF-3 WATER	RF-4 WATER	RF-16 WATER	DP-2 (RF-16 Dup.) WATER
SEMIVOLATILES (PPM)						
Acenaphthene	0.001J	--	0.003J	--	--	--
Acenaphthylene	--	0.001J	0.002J	--	--	--
Aniline	0.006J	--	--	--	--	--
Anthracene	--	0.001J	0.006J	--	--	--
Benzo(a)Anthracene	0.001J	0.002J	0.019	--	0.003J	0.003J
Benzo(b)Fluoranthene	0.003JX	0.003JX	0.014	--	0.007JX	0.007JX
Benzo(k)Fluoranthene	0.003JX	0.003JX	0.010	--	0.007JX	0.007JX
Benzo(g,h,i)Perylene	--	0.001J	0.007J	--	0.001J	0.002J
Benzo(a)Pyrene	--	0.002J	0.013	--	0.002J	0.002J
Benzoic Acid	--	--	0.002J	--	--	--
Bis(2-Ethylhexyl) Phthalate	0.006J	0.002J	0.002J	0.015	0.002J	0.005J
Butylbenzylphthalate	--	--	--	--	--	--
4-Bromophenyl-phenylether	--	--	--	--	--	--
4-Chlorophenyl-phenylether	--	--	--	--	--	--
4-Chloro-3-methylphenol	--	--	--	--	--	--
Chrysene	0.001J	0.002J	0.016	--	0.004J	0.006J
Dibenz(a,h)Anthracene	--	--	0.003J	--	--	--
1,4-Dichlorobenzene	--	--	0.002J	--	--	--
Dimethyl phthalate	--	--	--	--	--	--
1,2-Diphenylhydrazine (2)	--	--	--	--	--	--
2,6-Dinitrotoluene	--	--	--	--	--	--
Dibenzofuran	--	--	0.002J	--	0.001J	0.002J
Fluoranthene	0.003J	0.003J	0.031	--	0.010	0.008J
Fluorene	--	0.001J	0.005J	--	--	--
Hexachlorobenzene	--	--	--	--	--	--
Indeno(1,2,3-cd)Pyrene	--	0.001J	8J	--	0.001J	0.002J
2-Methylnaphthalene	--	--	0.001J	--	--	--
Naphthalene	--	--	0.002J	--	--	0.002J
N-Nitrosodiphenylamine (1)	--	--	--	--	--	--
Phenanthrene	--	0.003J	0.025	--	0.010	0.010
Phenol	0.002J	--	--	--	--	--
Pyrene	0.003J	0.005J	0.028	--	0.005J	0.005J
Total Phenols	0.018	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--

(See Notes on Page 2)

TABLE 4-29
(CONT'D)

GENERAL ELECTRIC COMPANY – PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF USEPA AREA 4 GROUNDWATER DATA

SEMIVOLATILE ORGANICS

LOCATION: SAMPLE MATRIX:	A-7 WATER	C-1 WATER	17-A WATER	17-C WATER
SEMIVOLATILES (PPM)				
Acenaphthene	--	--	--	--
Acenaphthylene	--	--	--	--
Aniline	NA	NA	NA	NA
Anthracene	--	--	--	--
Benzo(a)Anthracene	--	--	--	--
Benzo(b)Fluoranthene	--	--	--	--
Benzo(k)Fluoranthene	--	--	--	--
Benzo(g,h,i)Perylene	--	--	--	--
Benzo(a)Pyrene	--	--	--	--
Benzoic Acid	NA	NA	NA	NA
Bis(2-Ethylhexyl)Phthalate	--	--	--	--
Butylbenzylphthalate	--	--	--	--
4-Bromophenyl-phenylether	--	0.003J	--	--
4-Chlorophenyl-phenylether	0.008J	--	--	--
4-Chloro-3-methylphenol	0.003J	--	--	--
Chrysene	--	--	--	--
Dibenz(a,h)Anthracene	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--
Dimethyl phthalate	--	0.003J	--	--
1,2-Diphenylhydrazine (2)	0.004J	--	--	--
2,6-Dinitrotoluene	0.004J	--	--	--
Dibenzofuran	NA	NA	NA	NA
Fluoranthene	--	--	--	--
Fluorene	0.004J	--	--	--
Hexachlorobenzene	0.004J	--	--	--
Indeno(1,2,3-cd)Pyrene	--	--	--	--
2-Methylnaphthalene	NA	NA	NA	NA
Naphthalene	--	--	--	--
N-Nitrosodiphenylamine (1)	--	0.011	--	0.017
Phenanthrene	--	--	--	--
Phenol	--	--	--	--
Pyrene	--	--	--	--
Total Phenols	0.030	0.030	0.010	0.030
2,4,6-Trichlorophenol	0.003J	--	--	--

Notes:

Samples were collected from wells RF-1 through RF-4, and RF-16 on December 4, 1991. These samples were submitted to CompuChem Laboratories, Inc. for the analysis of Appendix IX+3 semivolatile constituents.

Samples were collected from borings A-7, C-1, 17-A, and 17-C between March 22 and 26, 1990. These samples were submitted to IT Analytical Services for the analysis of priority pollutant semivolatiles.

Only detected constituents are shown.

PPM = Parts per million.

Dup. = Indicates duplicate sample.

J = Value indicates an estimated value less than the CLP required quatntiation limit.

-- = Indicates not detected at or above the detection level.

X = Coeluting isomers were noted by the laboratory.

(2) = Screened for as Azobenzene.

(1) = Cannot be separated from Diphenylamine.

NA = Not analyzed.

TABLE 4-30
 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
 MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
 AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4
 SUMMARY OF USEPA AREA 4 GROUNDWATER DATA
 INORGANICS

LOCATION: SAMPLE MATRIX:	RF-1 WATER	RF-2 WATER	RF-3 WATER	RF-4 WATER	RF-16 WATER
INORGANICS (PPM)					
Aluminum	0.114J [*]	0.0878J [*]	11	0.0752J [*]	0.121J [*]
Arsenic	--	0.0059J [*]	0.0154	--	--
Barium	0.118J [*]	0.0796J [*]	0.272	0.0722J [*]	0.0725J [*]
Calcium	63.1	95.1	175	66	76.3
Chromium	0.0111	0.009J [*]	0.0191	0.0051J [*]	--
Cobalt	--	--	0.0096J [*]	--	--
Copper	--	--	0.541	--	--
Iron	0.635	2.67	47.1	0.0258J	0.0469J [*]
Lead	0.0022J [*]	--	0.233	--	--
Magnesium	16.7	17	20.7	24.2	28.4
Manganese	0.507	0.632	0.973	0.0015J [*]	0.0044J [*]
Mercury	--	--	0.00052	--	--
Nickel	--	--	0.0276J [*]	--	--
Potassium	4.52J [*]	4.41J [*]	18.9	2.31J [*]	2.46J [*]
Selenium	--	--	--	0.0049J [*]	0.0082
Sodium	54.1	21.1	89.7	60.4	65.4
Vanadium	--	--	0.022J [*]	--	--
Zinc	0.035	0.0537	0.625	0.0255	0.0312
Sulfide	--	4.9	--	--	--
LOCATION: SAMPLE MATRIX:	RF-16 Dup. WATER	A-7 WATER	C-1 WATER	17-A WATER	17-C WATER
INORGANICS (PPM)					
Aluminum	0.145J [*]	NA	NA	NA	NA
Arsenic	--	--	--	--	--
Barium	0.0701J [*]	NA	NA	NA	NA
Calcium	65.1	NA	NA	NA	NA
Chromium	0.0144	--	--	--	--
Cobalt	--	NA	NA	NA	NA
Copper	--	0.030	0.020	--	0.030
Iron	0.134	NA	NA	NA	NA
Lead	--	--	--	--	--
Magnesium	24.1	NA	NA	NA	NA
Manganese	0.0042J [*]	NA	NA	NA	NA
Mercury	--	--	--	--	--
Nickel	0.0081J [*]	--	--	--	--
Potassium	2.91J [*]	NA	NA	NA	NA
Selenium	0.0085	--	--	--	--
Sodium	56.8	NA	NA	NA	NA
Vanadium	--	NA	NA	NA	NA
Zinc	0.0232	0.150	0.075	--	0.085
Sulfide	--	NA	NA	NA	NA

NOTES:

- Samples were collected from wells RF-1 through RF-4, and RF-16 on December 4, 1991
- These samples were submitted for CompuChem Laboratories, Inc. for Appendix IX +3 inorganic constituents
- Samples were collected from borings A-7, C-1, 17-A, and 17-C between March 22 and 26, 1990. These samples were submitted to IT Analytical Services for the analysis of priority pollutant inorganics.
- Only detected constituents are shown.
- ppm = Parts per million.
- Dup. = Indicates duplicate sample limit.
- NA = Not Analyzed.
- J^{*} = Indicates an estimated value between the CLP required detection limit and the instrument detection
- = Indicates not detected at or above the detection limit.

TABLE 4-31

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF PHOTOIONIZATION DETECTOR READINGS

Boring ID	Sample Depth Interval (Feet) and Corresponding PID Reading (PID Units)											
	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-22	22-24
X-1	28.2	31.5	22.7	7.7	1.5	NA	NA	NA	NA	NA	NA	NA
X-4	0.0	1.0	26.2	9.7	1.4	25.9	1.4	NA	NA	NA	NA	NA
X-5	0.5	3.2	2.2	0.7	3.5	0.3	NA	NA	NA	NA	NA	NA
X-6	0.2	0.5	1.4	1.0	1.0	NA	NA	NA	NA	NA	NA	NA
X-7	0.2	9.6	5.6	11.6	1.5	3.0	5.4	2.9	NA	NA	NA	NA
X-8	0.3	1.1	0.7	1.0	1.0	1.0	10.8	NA	NA	NA	NA	NA
X-9	0.0	0.1	0.1	0.5	2.3	0.6	0.2	NA	NA	NA	NA	NA
X-10	0.7	1.4	NR	1.7	4.5	41.7	NA	NA	NA	NA	NA	NA
X-11	0.1	0.1	0.4	0.2	0.2	0.4	NR	2.5	2.6	NA	NA	NA
X-12	0.2	0.2	0.1	0.7	1.4	NA	NA	NA	NA	NA	NA	NA
X-13	0.1	NR	0.2	NR	0.8	0.1	NA	NA	NA	NA	NA	NA
X-14	0.0	0.0	5.9	1.8	0.0	0.8	4.2	3.5	4.1	2.3	NA	NA
X-15	0.0	0.1	0.4	0.5	2.3	0.2	0.0	0.2	0.7	NA	NA	NA
X-16	0.0	0.0	0.1	0.0	0.9	0.0	0.0	NA	NA	NA	NA	NA
X-17	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA	NA

(See Notes Page 6)

TABLE 4-31
(Continued)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF PHOTOIONIZATION DETECTOR READINGS

Boring ID	Sample Depth Interval (Feet) and Corresponding PID Reading (PID Units)											
	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-22	22-24
X-18	0.0	0.0	0.0	0.0	0.0	NR	0.0	0.8	NA	NA	NA	NA
X-19	0.0	7.1	1.1	18.6	22.3	NA	NA	NA	NA	NA	NA	NA
X-20	0.0	1.7	0.0	0.0	0.1	18.4	0.5	NA	NA	NA	NA	NA
Y-1	0.0	0.0	0.1	0.8	0.7	NA	NA	NA	NA	NA	NA	NA
Y-2	0.1	0.2	0.0	0.6	0.1	NA	NA	NA	NA	NA	NA	NA
Y-3	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA	NA
Y-4	0.0	0.2	1.0	0.0	0.0	NA	NA	NA	NA	NA	NA	NA
Y-5	0.0	0.1	1.6	0.1	0.1	NA	NA	NA	NA	NA	NA	NA
Y-6	0.0	0.1	1.0	0.0	0.0	NA	NA	NA	NA	NA	NA	NA
Y-7	1.2	0.0	0.1	0.0	0.0	NA	NA	NA	NA	NA	NA	NA
Y-8	0.0	0.4	0.9	0.0	0.0	NA	NA	NA	NA	NA	NA	NA
Y-9	3.1	3.0	1.2	0.4	0.3	0.1	NA	NA	NA	NA	NA	NA
Y-11	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA	NA
Y-12	0.0	1.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	NA	NA	NA

(See Notes Page 6)

TABLE 4-31
(Continued)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF PHOTOIONIZATION DETECTOR READINGS

Boring ID	Sample Depth Interval (Feet) and Corresponding PID Reading (PID Units)											
	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-22	22-24
Y-13	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA	NA
Y-14	0.0	0.0	0.7	0.0	0.0	0.1	0.2	NA	NA	NA	NA	NA
Y-16	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA
Y-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	NA
Y-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	NA	NA
Y-19	0.0	0.0	0.0	0.1	3.0	7.2	8.0	NA	NA	NA	NA	NA
Y-20	1.3	5.2	10.2	5.8	6.5	2.8	2.7	NA	NA	NA	NA	NA
Y-21	0.0	0.0	1.4	0.0	2.4	0.1	3.4	0.6	NA	NA	NA	NA
Y-22	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA	NA
Y-23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	NA	NA
Y-24	0.0	0.1	0.2	0.0	0.4	0.0	0.0	0.0	NA	NA	NA	NA
Y-26	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA	NA
Y-27	0.0	0.0	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
ES2-1	0.0	0.0	0.2	0.0	0.0	28.4	38.3	48.7	39.6	7.9	12.3	12.1

(See Notes Page 6)

TABLE 4-31
(Continued)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF PHOTOIONIZATION DETECTOR READINGS

Boring ID	Sample Depth Interval (Feet) and Corresponding PID Reading (PID Units)											
	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-22	22-24
ES2-2	12.7	0.0	21.7	64.3	24.2	17.2	26.2	16.0	19.1	5.8	2.7	5.2
ES2-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.2	0.0	30.8	2.6	0.0
ES2-4	0.0	0.0	NR	0.0	4.3	3.3	1.7	0.0	0.0	0.0	0.2	NA
ES2-5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.8	15.2	17.1
ES2-6	3.6	1.5	2.8	32.5	30.2	1.2	15.6	25.0	9.1	2.1	0.4	0.0
ES2-7	0.0	0.0	9.6	24.8	18.2	21.2	13.6	0.0	2.2	0.0	2.8	1.8

(See Notes Page 6)

TABLE 4-31
(Continued)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF PHOTOIONIZATION DETECTOR READINGS

Boring ID	Sample Depth Interval (Feet) and Corresponding PID Reading (ppm)												
	24-26	26-28	28-30	30-32	32-34	34-36	36-38	38-40	40-42	42-44	44-46	46-48	48-50
ES2-1	8.3	5.9	7.4	7.5	2.2	NA	NA	NA	NA	NA	NA	NA	NA
ES2-2	20.9	8.5	25.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ES2-3	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ES2-4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ES2-5	0.6	0.0	12.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ES2-6	0.0	0.0	0.0	0.0	0.3	4.6	10.5	5.5	7.9	113.0	NR	59.6	14.1
ES2-7	3.3	2.2	2.0	1.2	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	NA

(See Notes Page 6)

TABLE 4-31
(Continued)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF PHOTOIONIZATION DETECTOR READINGS

Boring ID	Sample Depth Interval (Feet) and Corresponding PID Reading (ppm)											
	0-2	1-3	2-4	5-7	7-9	9-11	10-12	11-13	15-17	18-20	22-22	23-25
ES2-2A	NR	0.2	NR	0.4	NR	NR	1.8	NR	1.3	NA	NA	NA
ES2-8	NR	0.0	NR	0.0	NR	NR	0.0	NR	0.0	NR	0.0	NA
ES2-9	NR	0.0	NR	0.0	NR	NR	0.0	NR	0.1	0.2	NA	NA
ES2-10	NR	0.0	NR	0.0	NR	NR	0.8	NR	4.5	8.5	NA	NA
ES2-11	NR	NR	0.0	0.0	NR	NR	0.0	NR	0.0	NA	NA	NA
ES2-12	NR	0.0	NR	0.0	NR	NR	0.0	NR	0.0	NA	NA	NA
IR	NR	0.0	NR	0.0	NR	NR	1.2	NR	0.8	NR	0.4	NA
9R	0.0	NR	NR	0.0	NR	NR	0.1	NR	0.4	NA	NA	NA
RW-2CX	NR	NR	NR	0.2	0.3	0.6	0.6 ⁽³⁾	1.8	1.8 ⁽⁴⁾	2.4	3.2	2.1

NOTES:

NA Not applicable; boring did not extend to this depth

NR Not recorded

- Data not available

(1) Sample depth 2-4 ft.

(3) Sample depth 9-11 ft.

(2) Sample depth 0-2 ft.

(4) Sample depth 11-13 ft.

TABLE 4-32

GENERAL ELECTRIC COMPANY
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF SLUG TEST RESULTS

Well I.D.	Hydraulic Conductivity Results	
	Hvorslev (cm/sec)	Bouwer and Rice (cm/sec)
Testing Conducted by RUST Environment & Infrastructure on 10/4/93		
ES2-2A	3.50 E-03	1.76 E-03
ES2-9	9.80 E-03	5.68 E-03
ES2-10	1.11 E-04	3.19 E-05
ES2-11	3.51 E-03	1.78 E-03
ES2-12	4.53 E-04	2.68 E-04
IR	8.72 E-04	3.99 E-04
9R	1.05 E-03	4.77 E-04
Testing Conducted by Blasland & Bouck Engineers, P.E. on June 19, 1994		
PZ-2S	5.0 E-04	Not Applicable
PZ-3D	5.9 E-04	Not Applicable
PZ-4S	1.3 E-04	Not Applicable
6Z	6.7 E-05	Not Applicable

TABLE 4-33

GENERAL ELECTRIC COMPANY
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF TILL SURFACE DATA

Boring ID	Top of Till Elevation (fast)	Depth to Top of Till (feet)	Depth of Boring (feet)	Penetration into Till (feet)
12	964	26	31	5
22	969	24.5	28	3.5
23	966	29	30	1
24	970	24.5	28.5	4
25	963	28.5	30	1.5
26	967	26	28.5	2.5
AA	969	30.5	35	4.5
BB	969	30	31	1
DD	972	28	31	3
EE	974	30	35	5
FF	967	38	39	1
GG	973	34	35	1
HH	969	37	40	3
II	973	34	35	1
JJ	968	38	39	1
KK	967	37.5	40	2.5
LL	973	22	25	3
MM	976	17.5	26	8.5
NN	972	22	25	3
PP	969	26	30	4
QQ	967	29	35	6
UU	NA	24	29.5	5.5
WW	975	21	23.5	2.5
ES2-6	943	43	50	7

See Note on Page 2

TABLE 4-33
(continued)

GENERAL ELECTRIC COMPANY
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF TILL SURFACE DATA

Boring ID	Top of Till Elevation (fasl)	Depth to Top of Till (feet)	Depth of Boring (feet)	Penetration into Till (feet)
ES2-7	944	36	42	6
17A	1014	10	20	10
17C	1020	4	20	16
A7	1015	9	14	5
B1	NA	0	20	20
C1	1017	6	19.5	13.5

Note:

fasl = feet above sea level

TABLE 6-1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SURFICIAL SOIL APPENDIX IX+3 DATA

Parameter:	Location: Sample Matrix:	201S Soil	202S Soil	202S (dup) Soil	203S Soil	204S Soil	205S Soil
<u>Volatiles (ppm)</u>							
Acetone		0.031 ^B	0.016 ^B	0.021 ^B	0.020 ^B	0.020 ^B	0.015 ^B
Methylene chloride		0.052 ^B	0.072 ^B	0.03 ^B	0.044 ^B	0.030 ^B	0.044 ^B
<u>Semivolatiles (ppm)</u>							
Acenaphthene		ND	ND	ND	ND	0.14 ^J	0.17 ^J
Acetophenone		ND	ND	0.074 ^J	ND	0.36 ^J	0.13 ^J
Acenaphthylene		ND	0.31 ^J	ND	0.33 ^J	1.9	0.049 ^J
Aniline		ND	ND	0.048 ^J	ND	ND	1.9
Anthracene		ND	0.22 ^J	0.27 ^J	0.1 ^J	0.61	0.25 ^J
Benzo(a)anthracene		0.14 ^J	0.63	0.96	0.69	2.1	1.3
Benzo(b)fluoranthene		0.32 ^J	0.52	0.81	0.85	2.6	1.1
Benzo(k)fluoranthene		0.3 ^J	0.72	1.2	1.8	4.5	2
Benzoic Acid		ND	0.51 ^J	0.18 ^J	ND	1.2 ^J	0.28 ^J
Benzo(g,h,i)perylene		ND	0.44 ^J	0.61	0.51	2.1	0.71
Benzo(a)pyrene		0.16 ^J	ND	ND	0.63	1.9	1.2
bis(2-Ethylhexyl)phthalate		0.17 ^J	0.17 ^J	2.2	0.13 ^J	0.26 ^J	0.88
Butylbenzylphthalate		ND	ND	ND	ND	ND	0.38 ^J

(See Notes on Page 5)

TABLE 6-1
(Cont'd)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SURFICIAL SOIL APPENDIX IX+3 DATA

Parameter:	Location: Sample Matrix:	201S Soil	202S Soil	202S (dup) Soil	203S Soil	204S Soil	205S Soil
<u>Semivolatiles (ppm)</u>							
Chrysene		0.21 ^J	0.77	0.96	0.69	2.3	1.3
Di-n-Butylphthalate		ND	0.079 ^J	0.077 ^J	0.057 ^J	0.39 ^J	3
Di-n-Octylphthalate		ND	ND	ND	0.049 ^J	ND	ND
Dibenzo(a,h)anthracene		ND	0.14 ^J	0.25 ^J	0.19 ^J	0.78	0.27 ^J
Dibenzofuran		ND	ND	ND	ND	ND	0.08 ^J
2,4-Dimethylphenol		ND	ND	ND	ND	ND	0.54
Fluorene		ND	0.13 ^J	0.16 ^J	0.065 ^J	0.28 ^J	0.14 ^J
Fluoranthene		0.26 ^J	0.85	1.0	0.69	3.1	2.1
Heptachlorodibenzodioxin		ND	0.00011	ND	ND	0.00049	0.00049
Heptachlorodibenzofuran		ND	0.00096	0.00054	M	0.0066	0.0013
Hexachlorodibenzofuran		ND	0.00097	0.0004	M	0.0018	0.0044
Indeno(1,2,3-cd)pyrene		ND	0.35 ^J	0.48	0.37 ^J	1.8	0.68
Methapyrilene		ND	ND	ND	0.19 ^J	ND	ND
1-Methylnaphthalene		ND	0.16 ^J	0.15 ^J	ND	0.41	0.06 ^J
2-Methylnaphthalene		ND	0.077 ^J	0.076 ^J	ND	0.31 ^J	ND

(See Notes on Page 5)

TABLE 6-1
(Cont'd)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SURFICIAL SOIL APPENDIX IX+3 DATA

Parameter:	Location: Sample Matrix:	201S Soil	202S Soil	202S (dup) Soil	203S Soil	204S Soil	205S Soil
<u>Semivolatiles (ppm)</u>							
2-Methylphenol		ND	ND	ND	ND	ND	0.2 ^J
3-Methylphenol		ND	ND	ND	ND	ND	0.63 ^X
4-Methylphenol		ND	ND	ND	ND	ND	0.63 ^X
Naphthalene		ND	0.17 ^J	0.180 ^J	ND	0.49	0.054 ^J
Octachlorodibenzodioxin		ND	0.00098	0.00066	0.00031	0.0018	0.00099
Octachlorodibenzofuran		ND	0.00032	M	ND	0.0017	0.00032
Pentachlorodibenzofuran		ND	0.00088	M	ND	0.00039	0.006
Phenanthrene		0.14 ^J	0.89	0.920	0.25 ^J	2.2	1.7
Phenol		ND	0.069 ^J	0.066 ^J	ND	0.19 ^J	1.7
Pyrene		0.32 ^J	1.1	1.3	1.4	3.1	2
2,3,7,8-Tetrachlorodibenzofuran		ND	0.00042	ND	ND	0.000049	0.004
Tetrachlorodibenzofuran		ND	0.00098	ND	ND	0.00017	0.0029
1,2,3-Trichlorobenzene		ND	ND	ND	ND	0.048 ^J	ND
1,2,4-Trichlorobenzene		ND	ND	ND	ND	0.053 ^J	ND

(See Notes on Page 5)

TABLE 6-1
(Cont'd)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SURFICIAL SOIL APPENDIX IX+3 DATA

Parameter:	Location: Sample Matrix:	201S Soil	202S Soil	202S (dup) Soil	203S Soil	204S Soil	205S Soil
<u>Total Cyanide (ppm)</u>		ND	1.1	1.1	ND	55	0.72
<u>Total Phenols (ppm)</u>		ND	0.23	0.21	ND	0.25	1.1
<u>Metals (ppm)</u>							
Aluminum		4,050	9,210	6,220	10,700	8,120	7,840
Antimony		ND	ND	ND	ND	ND	4.9 ^J
Arsenic		1.1	ND	4.6	3.1	11.5	5.5
Barium		49.3	48.6	51.1	38.8	49.2	51.2
Beryllium		0.15 ^J	0.32 ^J	0.21 ^J	0.26 ^J	0.27 ^J	0.31 ^J
Cadmium		ND	ND	ND	ND	1.1	ND
Calcium		10,900	10,500	7,310	2,710	11,000	14,200
Chromium		7.5	22.2	13.7	11.7	19.8	29.6
Cobalt		5.6	10.2	6.5	7.1	8.0	10.8
Copper		8.5	30.4	22.7	14.1	56.5	83.8
Iron		13,800	19,700	15,700	19,200	24,000	18,400
Lead		4.8	65.2	45.0	25.7	81.5	72.7

(See Notes on Page 5)

TABLE 6-1
(Cont'd)

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
MCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

SUMMARY OF MCP SURFICIAL SOIL APPENDIX IX+3 DATA

Parameter:	Location: Sample Matrix:	201S Soil	202S Soil	202S (dup) Soil	203S Soil	204S Soil	205S Soil
Metals (ppm)							
Magnesium		7,200	9,050	5,710	2,950	8,690	9,930
Manganese		281	445	925	635	459	496
Mercury		ND	0.20	0.22	ND	0.52	0.17
Nickel		8.8	18.1	11.8	11.6	18.1	17.9
Potassium		1,030	800	547 ^J	590 ^J	687	657
Selenium		ND	ND	ND	0.83	0.78	ND
Sodium		175 ^J	145 ^J	ND	77.9 ^J	179 ^J	119 ^J
Vanadium		9.5	18.2	13.2	21.8	19.6	20.9
Zinc		30.2 ^I	88.6 ^I	62.6 ^I	62.5 ^I	107 ^I	652 ^I
Pesticides/PCBs (ppm)							
Aldrin		ND	ND	ND	0.0062	ND	ND
PCB-1260		0.47	0.87	1.0	0.32	4.1	17

Notes:

Samples were collected on May 7, 1991 and submitted to Compuchem Laboratories, Inc. for analysis of Appendix IX+3 constituents.

Only detected constituents are shown.

ppm - Parts per million - dry weight.

ND - Not detected.

^J - Value indicates an estimated value less than the CLP required quantitation limit.

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

^J - Indicates an estimated value between the CLP required detection limit and the instrument detection limit.

^I - For inorganics, indicates that a chemical or physical interference effect was encountered during the analysis of the flagged analyte. Concentrations are mg/kg equivalent to parts per million (ppm), as indicated in the table.

M - Indicates a presence was noted, but not at a level that the laboratory could provide a definite identification or quantity.

X - Coeluting isomers were noted by the laboratory.

TABLE 8-1

DRAFT
7/15/94GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSMCP INTERIM PHASE II REPORT FOR EAST STREET AREA 2
AND CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4SUMMARY OF AMBIENT AIR PCB CONCENTRATIONS
(Results are Presented in Micrograms Per Cubic Meter ($\mu\text{g}/\text{m}^3$))

Monitor Identification: Location Description:	002 NWL	003 LYM	004 H78	005 OP3	006 BCC	007 64Y	001 ¹ 64YC	008 32S
Mean Concentration ²	0.0062	0.0013	0.0007	<0.0005	<0.0005	0.0011	0.0011	0.0050 ³
Mean Spring ²	0.0097	0.0016	0.0008	0.0006	<0.0005	0.0012	0.0009	(-)
Mean Summer ^{2,4}	0.0117	0.0029	0.0011	0.0010	<0.0005	0.0022	0.0020	(-)
Mean Fall ²	0.0028	0.0006	<0.0005	<0.0005	<0.0005	0.0006	0.0007	(-)
Mean Winter ²	0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0007	(-)
Max. 24 Hour Concentration	0.030	0.0059	0.0035	0.0019	0.0015	0.0037	0.0041	0.0071
Date of Occurrence	06/15/92	08/02/92	06/05/92	07/19/92	08/14/92	07/21/92	08/02/92	08/02/92
Min. 24 Hour Concentration ⁵	ND ⁶	ND	ND	ND	ND	ND	ND	0.0035
Date of Occurrence	(-) ⁷	(-)	(-)	(-)	(-)	(-)	(-)	07/09/92
Total # of Valid Samples	30	30	30	31	31	29	29	6
% Below the Detection Limit	26.7	46.7	76.7	74.2	83.9	37.9	37.9	0

Notes:

1. Co-located with Monitor 007.
2. Averages are calculated using one-half the detection limit for non-detect events.
3. Based on six sampling events between June 15, 1992 and August 14, 1992.
4. Observations from summer 1991 and 1992 were combined to produce summer averages.
5. Sampling Stations 001 through 007 had several observations of non-detect.
6. ND - Below the detection limit of 0.0005 $\mu\text{g}/\text{m}^3$.
7. (-) - Indicates that a non-detect was recorded on several occasions.

Reference:

Information was reproduced from Zorex, November 1992 - Table 2.

TABLE 9-1

GENERAL ELECTRIC COMPANY
MCP PHASE II REPORT FOR EAST STREET AREA 2
CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

PHYSICAL AND CHEMICAL PROPERTIES OF SELECT CONSTITUENTS

Chemical ¹	Water Solubility ² (mg/L)	Reference	Log Kow	Reference	Vapor Pressure ² (mm Hg)	Reference	Henry's Law Constant ² (atm-cm ³ /mole)	Reference
VOLATILES								
Aldehydes								
Crotonaldehyde	156,000	(c)	0.63	(c)	19 (20°C)	(d)	1.95E-5	(c)
Aromatics								
Benzene	1,791	(e)	2.13	(e)	95.2	(a)	5.42E-3	(u)
Ethylbenzene	161	(e)	3.15	(e)	9.53	(a)	8.44E-3	(a)
Styrene	310	(e)	2.95	(e)	6.6	(a)	2.87E-3	*(u)
Toluene	534.8	(e)	2.73	(a)	28.4	(a)	5.94E-3	(a)
Xylene (1,2-)	175	(e)	3.12	(e)	6.6	(e)	5.19E-3	(c)
Xylene (1,3-)	146	(e)	3.20	(a)	8.3	(a)	7.19E-3	(c)
Xylene (1,4-)	156	(e)	3.15	(e)	8.7	(a)	7.60E-3	(c)
Halogenated Compounds								
Chlorobenzene	471.7	(e)	2.84	(e)	11.9	(e)	3.45E-3	(a)
Chloroform	4,220	(b)	1.07	(e)	246	(a)	4.35E-3	(a)
1,1-Dichloroethane	5,060	(e)	1.79	(e)	227	(a)	5.87E-3	(a)
1,2-Dichloroethane	8,600	(e)	1.48	(e)	82	(c)	9.79E-4	(c)

(See Notes Page 7)

TABLE 9-1

GENERAL ELECTRIC COMPANY
MCP PHASE II REPORT FOR EAST STREET AREA 2
CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

PHYSICAL AND CHEMICAL PROPERTIES OF SELECT CONSTITUENTS
(cont'd)

Chemical ¹	Water Solubility ² (mg/L)	Reference	Log Kow	Reference	Vapor Pressure ² (mm Hg)	Reference	Henry's Law Constant ² (atm-cm ³ /mole)	Reference
Halogenated Compounds (cont'd)								
1,2-Dichloroethene (cis)	3,500	(b)	1.86	(a)	215	(b)	3.37E-3	(a)
1,2-Dichloroethene (trans-)	6,260	(b)	2.06	(a)	336	(b)	6.72E-3	(a)
Tetrachloroethene	150	(a)	3.4	(e)	18.5	(a)	1.80E-2	(a)
1,1,1-Trichloroethene	1,495	(a)	2.49	(e)	123.7	(a)	8.0E-3	(a)
Trichloroethene	1,100	(a)	2.42	(a)	69	(a)	1.03E-3	(a)
Vinyl Chloride	2,763	(a)	1.38	(a)	2,660	(a)	1.07E-3	(a)
Others								
Carbon Disulfide	2,100 (20°C)	(a)	1.86 - 2.16	(d)	297	(a)	1.4E-3	(a)
SEMI-VOLATILES								
Polychlorinated Benzenes								
1,2-Dichlorobenzene	156	(a)	3.38	(a)	1.47	(a)	1.2E-3	(a)
1,3-Dichlorobenzene	111 (20°C)	(a)	3.60	(a)	2.3	(a)	1.8E-3	(a)
1,4-Dichlorobenzene	87	(a)	3.52	(a)	1.76	(a)	1.5E-3	(a)
Pentachlorobenzene	1.3	(c)	5.17	(c)	2.2E-3	(c)	4.89E-5	(c)

(See Notes Page 7)

TABLE 9-1

GENERAL ELECTRIC COMPANY
MCP PHASE II REPORT FOR EAST STREET AREA 2
CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

PHYSICAL AND CHEMICAL PROPERTIES OF SELECT CONSTITUENTS
(cont'd)

Chemical ¹	Water Solubility ² (mg/L)	Reference	Log Kow	Reference	Vapor Pressure ² (mm Hg)	Reference	Henry's Law Constant ² (atm-cm ³ /mole)	Reference
Polychlorinated Benzenes (cont'd)								
1,2,3,4-Tetrachlorobenzene	4.3	(f)	4.64	(e)	0.039	*(f)	2.58E-3	(h)
1,2,3,5-Tetrachlorobenzene	3.5	(f)	4.92	(e)	0.07	(f)	5.68E-3	(h)
1,2,4,5-Tetrachlorobenzene	0.6	(c)	4.82	(e)	5.4E-3	(f)	2.58E-3	(c)
1,2,3-Trichlorobenzene	16.6	(f)	4.05	(e)	0.2	(f)	1.25E-3	(f)
1,2,3,4-Trichlorobenzene	48.8 (20°C)	(e)	4.02	(e)	0.29	(e)	1.42E-3	(e)
1,2,3-Trichlorobenzene	6	(e)	4.40	(e)	0.58	(e)	1.9E-3	(e)
Phenols								
2,4-Dimethylphenol	6,200	(e)	2.3	(e)	0.098	(e)	6.37E-7 (8°)	(e)
3-Methylphenol	23,000	(e)	1.96	(e)	0.143 (20°C)	(e)	8.7E-7	(e)
4-Methylphenol	22,600 (40°C)	(e)	1.94	(e)	0.13 (20°C)	(c)	9.6E-7	(e)
Pentachlorophenol	1,950	(c)	5.12	(e)	1.1E-4	(a)	2.75E-6	(h)
Phenol	87,000	(e)	1.46	(e)	0.524	(e)	3.97E-7	(e)
2,3,4,6-Tetrachlorophenol	1,000	(c)	4.45	(c)	4.23E-3	(c)	1.29E-4	(c)
PAHs								
Acenaphthene	3.88	(f)	3.92	(e)	0.004-0.03	(f)	1.55E-4	(c)

(See Notes Page 7)

TABLE 9-1

GENERAL ELECTRIC COMPANY
MCP PHASE II REPORT FOR EAST STREET AREA 2
CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

PHYSICAL AND CHEMICAL PROPERTIES OF SELECT CONSTITUENTS
(cont'd)

Chemical ¹	Water Solubility ² (mg/L)	Reference	Log Kow	Reference	Vapor Pressure ² (mm Hg)	Reference	Henry's Law Constant ² (atm-cm ³ /mole)	Reference
PAHs (cont'd)								
Acenaphthylene	3.93	(i)	3.94	(c)	9.0E-4	(c)	1.13E-6	(h)
Anthracene	0.03-0.075	(f)	4.45	(e)	2.67E-6	(c)	6.5E-5	(c)
Benzo(a)anthracene	0.009	(c)	5.66	(c)	3.08E-8	(c)	0.75E-7	(c)
Benzo(b)fluoranthene	0.0015	(c)	6.12	(c)	5.0E-7	(c)	1.11E-4	(h)
Benzo(k)fluoranthene	8.0E-4	(c)	6.12	(c)	9.6E-10	(c)	4.0E-7	(h)
Benzo(a)pyrene	0.007-0.004	(c)	5.97	(c)	5.5E-9	(c)	1.82E-6	(h)
Benzo(g,h,i)perylene	2.6E-4	(c)	6.58	*(c)	1.0E-10	(c)	1.6E-6	(c)
Chrysene	0.002	(c)	5.66	(c)	3.08E-8	(c)	9.46E-5	(c)
Dibenzo(a,h)anthracene	2.5E-6	(c)	6.50	(e)	1.0E-10	(c)	1.15E-4	(c)
Dibenzofuran	NA		NA		NA			
Fluoranthene	0.26	(c)	4.95	(c)	1.0E-8	(c)	1.26E-8	(h)
Fluorene	1.98	(f)	4.18	(e)	7.0E-4 - 8.0E-3	(f)	8.39E-5	(f)
Indeno(1,2,3-cd)pyrene	2.2E-5	(c)	6.58	(c)	1.0E-10	(c)	1.6E-6	(h)
1-Methylnaphthalene	29	(f)	3.87	(e)	0.07	(f)	2.6E-4	(f)
2-Methylnaphthalene	25	(f)	3.86	(e)	0.05	(f)	3.74E-4	(h)
Naphthalene	31.7	(a)	3.30	(e)	0.082	(a)	4.24E-4	(f)
Phenanthrene	1.00	(f)	4.46	(f)	2.0E-4	(f)	3.95E-5	(f)
Pyrene	1.4E-7	(c)	4.88	(c)	2.5E-6	(c)	1.1E-5	(c)

(See Notes Page 7)

TABLE 9-1

GENERAL ELECTRIC COMPANY
MCP PHASE II REPORT FOR EAST STREET AREA 2
CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

PHYSICAL AND CHEMICAL PROPERTIES OF SELECT CONSTITUENTS
(cont'd)

Chemical ¹	Water Solubility ² (mg/L)	Reference	Log Kow	Reference	Vapor Pressure ³ (mm Hg)	Reference	Henry's Law Constant ⁴ (atm-cm ³ /mole)	Reference
Amines								
Aniline	36,070	(a)	0.90	(a)	0.489	(a)	0.136	(a)
Diphenylamine	53	(b)	3.50	(b)	8.06E-4	(b)	3.39E-6	(b)
N-Nitrosodiphenylamine	40	(c)	2.57-3.13	(c)	0.1	(c)	6.6E-4	(c)
Phthalate Esters								
Butylbenzylphthalate	2.69	(a)	4.91	(a)	8.6E-6 (20°C)	(a)	1.3E-6	*(a)
Di-n-butylphthalate	11.2	(a)	4.72	(a)	1.4E-5	(a)	4.6E-7	(b)
Other								
Acetophenone	6,130	(c)	1.58	(e)	0.397	(c)	1.07E-5	(c)
PCBs								
Aroclor 1016	0.42	(b)	5.6	(b)	4E-4	(b)	2.0E-4	*(h)
Aroclor 1232	Unkown	(b)	5.1	(b)	4.06E-3	(b)	Unkown	*(h)

(See Notes Page 7)

TABLE 9-1

GENERAL ELECTRIC COMPANY
MCP PHASE II REPORT FOR EAST STREET AREA 2
CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

PHYSICAL AND CHEMICAL PROPERTIES OF SELECT CONSTITUENTS
(cont'd)

Chemical ¹	Water Solubility ² (mg/L)	Reference	Log K _{ow}	Reference	Vapor Pressure ² (mm Hg)	Reference	Henry's Law Constant ² (atm-m ³ /mole)	Reference
PCBs (cont'd)								
Aroclor 1242	0.24	(b)	5.6	(b)	4.06E-4	(b)	5.2E-4	(h)
Aroclor 1248	0.054	(b)	6.2	(b)	4.94E-4	(b)	2.8E-3	(h)
Aroclor 1254	0.012	(b)	6.5	(b)	7.71E-5	(b)	2.0E-3	(h)
Aroclor 1260	0.0027	(b)	6.8	(b)	4.05E-5	(b)	4.6E-3	(h)
PCDDs/PCDFs								
2,3,7,8-TCDD	3.17E-4	(b)	6.15-7.28	(b)	1.4E-9	(b)	2.1E-6	(b)
Pesticides								
Aldrin	0.18 (20°C)	(e)	3.01	(b)	1.4E-4	(b)	3.2E-4	(b)
2,4-D	682	(e)	2.81	(e)	2.4E-5	(e)	1.02E-8	*(e)
Dieldrin	0.195	(b)	4.55	(b)	7.78E-7	(b)	1.51E-5	(b)
Methoxychlor	0.1	(e)	4.68-5.08	(e)	1.43E-6	(e)	1.58E-5	*(e)
2,4,5-T	278	(e)	3.13	(e)	7.5E-7	(e)	8.68E-9	*(e)
2,4,5-TP (Silvex)	140	(e)	3.41	(e)	5.2E-6	(e)	1.31E-8	*(e)

(See Notes Page 7)

TABLE 9-1

GENERAL ELECTRIC COMPANY
MCP PHASE II REPORT FOR EAST STREET AREA 2
CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 4

PHYSICAL AND CHEMICAL PROPERTIES OF SELECT CONSTITUENTS
(cont'd)

Notes:

- ¹ Includes all organic compounds detected in soils, oils, or groundwater above the quantitation limit during MCP Phase II Investigation sampling.
² * Measured at 25°C unless noted.
* Estimated value.
NA Not Available.

References:

- | | | | |
|-----|--------------------------|-----|------------------------|
| (a) | Howard, 1989, 1990, 1991 | (f) | Mackay and Shui, 1981 |
| (b) | ASTDR for the chemical | (g) | Hartley and Kidd, 1983 |
| (c) | CHEMFATE, 1989 | (h) | estimated |
| (d) | Verchuren, 1983 | (i) | USEPA, 1980 |
| (e) | Hansch and Leo, 1965 | | |