

01-0526

SDMS 37824

*Pre-Design Investigation
Work Plan for Unkamet
Brook Area Removal Action*

VOLUME II OF II

**General Electric Company
Pittsfield, Massachusetts**

November 2002

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

WORK PLAN

***Pre-Design Investigation
Work Plan for Unkamet
Brook Area Removal Action***

VOLUME II OF II

**General Electric Company
Pittsfield, Massachusetts**

November 2002

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BLASLAND, BOUCK & LEE, INC.
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Appendix A

Compilation of Prior Soil Sampling Data

Appendix A – Compilation of Prior Soil and Sediment Data

Analytical results that are pertinent to Unkamet Brook have been summarized in several prior reports prepared under various regulatory programs. The documents listed below provide information concerning the results of prior soil and sediment investigations at or in proximity to this area. The documents are ordered by their lettered section of this Appendix.

- A. *MCP Interim Phase II Report and Current Assessment Summary for Unkamet Brook Area/USEPA Area 1, Volumes I – XIV*, Blasland, Bouck & Lee, Inc. (BBL), January 1995.
- B. *Immediate Response Action Plan Completion Statement*, letter from GE to MDEP dated July 26, 1996.
- C. *Status Report for the Phase II RCRA Facility Investigation of Unkamet Brook Area/USEPA Area 1, Pittsfield, Massachusetts*, Golder Associates, Inc., May 1997.
- D. Miscellaneous historical sampling data, presented in GE's Monthly Status Report for October 2002 under the CD (Item 7, Tables 7-3 through 7-13), dated November 8, 2002.
- E. *Site Investigation Report for the General Electric Unkamet Brook Sampling Project, Pittsfield, Massachusetts*, Roy F. Weston, Inc. October 1998.
- F. *Immediate Response Action Status Report Unkamet Brook Area*, BBL, September 1998.
- G. Miscellaneous soil investigation data relating to proposed renovation activities at the GE Plastics gate areas, presented in GE's Monthly Status Report for September 2002 under the CD (Item 7, Tables 7-2 through 7-4), dated October 9, 2002.

-
- H. *Environmental Site Assessment, 440 Merrill Road Pittsfield, Massachusetts*, Environmental Risk Limited, October 1993.
 - I. *Study of Housatonic River Unkamet Brook Investigation Groundwater Investigation*. O'Brien & Gere. June 1982.

The Appendix presents a summary of the existing soil and sediment analytical data at or in proximity to Unkamet Brook. The following data tables and sheets summarize the information provided in the reports listed above.

Section A



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January 7, 1992

Mr. Chris Pompei
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SAMPLE DATA

Lab #: 27687
Matrix: Soil
Dilution Factor: 10
Collection date: 12/23/91
Lab receipt date: 12/31/91
Analysis date: 1/6/92

CLIENT SAMPLE ID

Client Project: Phase II Tanks GE aerospace
Project Number: 5067-011
Station ID: S1-OP1-A1-Bottom

ANALYTICAL RESULTS

COMPOUND	Detection Limit µg/kg	Result µg/kg	COMPOUND	Detection Limit µg/kg	Result µg/kg
Aldrin	100	ND	Endrin Aldehyde	100	ND
a-BHC	100	ND	Heptachlor	100	ND
b-BHC	100	ND	Heptachlor Epoxide	100	ND
d-BHC	100	ND	Toxaphene	100	ND
g-BHC (Lindane)	100	ND	Methoxychlor	100	ND
Chlordane	100	ND	PCB-1262	100	ND
4,4'-DDD	100	ND	PCB-1016	100	ND
4,4'-DDE	100	ND	PCB-1221	100	ND
4,4'-DDT	100	ND	PCB-1232	100	ND
Dieldrin	100	ND	PCB-1242	100	ND
Endosulfan I	100	ND	PCB-1248	100	ND
Endosulfan II	100	ND	PCB-1254	100	ND
Endosulfan Sulfate	100	ND	PCB-1260	100	3540
Endrin	100	ND			

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY

Water sample analysis was conducted according to "40 CFR Part 136; EPA Method 608" and all other matrices analysis was conducted according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8080."

SPECIAL COMMENTS

Detection limits increased due to dilution factor.

Authorized signature _____

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CLIENT SAMPLE ID

Client Project: Phase II Tanks GE aerospace
Project Number: 5067-011
Station ID: S1-OP1-A1-Bottom

SAMPLE DATA

Lab #: 27687
Matrix: Soil
Dilution Factor: 10
Collection date: 12/23/91
Lab receipt date: 12/31/91
Analysis date: 1/2/92

ANALYTICAL RESULTS

COMPOUND	Detection Limit $\mu\text{g}/\text{kg}$	Result $\mu\text{g}/\text{kg}$	COMPOUND	Detection Limit $\mu\text{g}/\text{kg}$	Result $\mu\text{g}/\text{kg}$
Vinyl chloride	50	ND	Benzene	50	ND
1,1-dichloroethene	50	ND	Toluene	50	ND
1,2-dichloroethene (cis or trans)	50	ND	Ethylbenzene	50	ND
Trichloroethene	50	ND	m-xylene	50	ND
Tetrachloroethene	50	ND	o&p-xylene	50	ND
Chloromethane	50	ND	Methyl t-butyl ether	50	ND
Methylene chloride	50	ND	m-dichlorobenzene	50	ND
Chloroform	50	ND	o&p-dichlorobenzene	50	ND
Carbon tetrachloride	50	ND	1,2-dichloropropane	50	ND
Bromodichloromethane	50	ND	cis-1,3-dichloropropene	50	ND
Dibromochloromethane	50	ND	trans-1,3-dichloropropene	50	ND
Bromomethane	50	ND	2-chloroethylvinyl ether	50	ND
Chloroethane	50	ND	Acetone	150	ND
1,1-dichloroethane	50	ND	Methyl ethyl ketone	100	ND
1,2-dichloroethane	50	ND	Methyl isobutyl ketone	100	ND
1,1,1-trichloroethane	50	ND	Trichlorotrifluoroethane	50	ND
1,1,2-trichloroethane	50	ND	Dichlorodifluoroethane	50	ND
1,1,2,2-tetrachloroethane	50	ND	Trichlorofluoromethane	50	ND
Chlorobenzene	50	ND	Chlorofluoromethane	50	ND
Bromoform	50	ND	Tetrahydrofuran	150	ND
Diethyl Ether	50	ND	Styrene	50	< 50
<u>Percent Surrogate Standard Recovery</u>					
		d4-1,2-dichloroethane			75
		d8-Toluene			85
		Bromofluorobenzene			84
ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for					

METHODOLOGY: Wastewater sample analysis was conducted according to "40 CFR Part 136; EPA Method 624" and other matrices were analyzed according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8240."

SPECIAL COMMENTS: Detection limits increased due to dilution factor.

Authorized signature _____

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SAMPLE DATA

Lab #: 27686
Matrix: Soil
Dilution Factor: 10
Collection date: 12/23/91
Lab receipt date: 12/31/91
Analysis date: 1/4/92

CLIENT SAMPLE ID

Client Project: Phase II Tanks GE aerospace
Project Number: 5067-011
Station ID: S1-OP1-A1-North

ANALYTICAL RESULTS

COMPOUND	Detection Limit µg/kg	Result µg/kg	COMPOUND	Detection Limit µg/kg	Result µg/kg
Aldrin	100	ND	Endrin Aldehyde	100	ND
a-BHC	100	ND	Heptachlor	100	ND
b-BHC	100	ND	Heptachlor Epoxide	100	ND
d-BHC	100	ND	Toxaphene	100	ND
g-BHC (Lindane)	100	ND	Methoxychlor	100	ND
Chlordane	100	ND	PCB-1262	100	ND
4,4'-DDD	100	ND	PCB-1016	100	ND
4,4'-DDE	100	ND	PCB-1221	100	ND
4,4'-DDT	100	ND	PCB-1232	100	ND
Dieldrin	100	ND	PCB-1242	100	ND
Endosulfan I	100	ND	PCB-1248	100	ND
Endosulfan II	100	ND	PCB-1254	100	ND
Endosulfan Sulfate	100	ND	PCB-1260	100	2340
Endrin	100	ND			

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY

Water sample analysis was conducted according to "40 CFR Part 136; EPA Method 608" and all other matrices analysis was conducted according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8080."

SPECIAL COMMENTS

Detection limits increased due to dilution factor.

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CLIENT SAMPLE ID

Client Project: Phase II Tanks GE aerospace
Project Number: 5067-011
Station ID: S1-OP1-A1-North

SAMPLE DATA

Lab #: 27686
Matrix: Soil
Dilution Factor: 10
Collection date: 12/23/91
Lab receipt date: 12/31/91
Analysis date: 1/2/92

ANALYTICAL RESULTS

COMPOUND	Detection Limit $\mu\text{g}/\text{kg}$	Result $\mu\text{g}/\text{kg}$	COMPOUND	Detection Limit $\mu\text{g}/\text{kg}$	Result $\mu\text{g}/\text{kg}$
Vinyl chloride	50	ND	Benzene	50	ND
1,1-dichloroethene	50	ND	Toluene	50	ND
1,2-dichloroethene (cis or trans)	50	ND	Ethylbenzene	50	ND
Trichloroethene	50	ND	m-xylene	50	ND
Tetrachloroethene	50	ND	o&p-xylene	50	ND
Chloromethane	50	ND	Methyl t-butyl ether	50	ND
Methylene chloride	50	ND	m-dichlorobenzene	50	ND
Chloroform	50	ND	o&p-dichlorobenzene	50	ND
Carbon tetrachloride	50	ND	1,2-dichloropropane	50	ND
Bromodichloromethane	50	ND	cis-1,3-dichloropropene	50	ND
Dibromochloromethane	50	ND	trans-1,3-dichloropropene	50	ND
Bromomethane	50	ND	2-chloroethylvinyl ether	50	ND
Chloroethane	50	ND	Acetone	150	ND
1,1-dichloroethane	50	ND	Methyl ethyl ketone	100	ND
1,2-dichloroethane	50	ND	Methyl isobutyl ketone	100	ND
1,1,1-trichloroethane	50	ND	Trichlorotrifluoroethane	50	ND
1,1,2-trichloroethane	50	ND	Dichlorodifluoroethane	50	ND
1,1,2,2-tetrachloroethane	50	ND	Trichlorofluoromethane	50	ND
Chlorobenzene	50	ND	Chlorofluoromethane	50	ND
Bromoform	50	ND	Tetrahydrofuran	150	ND
Diethyl Ether	50	ND	Styrene	50	51
<u>Percent Surrogate Standard Recovery</u>					
		d4-1,2-dichloroethane			78
		d8-Toluene			96
		Bromofluorobenzene			99
ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for					

METHODOLOGY: Wastewater sample analysis was conducted according to "40 CFR Part 136; EPA Method 624" and other matrices were analyzed according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8240."

SPECIAL COMMENTS: Detection limits increased due to dilution factor.

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December 31, 1991

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SAMPLE DATA

Lab #: 27554
Matrix: Soil
Dilution Factor: 10
Collection date: 12/18/91
Lab receipt date: 12/23/91
Analysis date: 12/28/91

CLIENT SAMPLE ID

Client Project: Phase II Tanks
Project Number: 5067-011
Station ID: SI-OP1-A1-SSW

ANALYTICAL RESULTS

COMPOUND	Detection Limit mg/kg	Result mg/kg	COMPOUND	Detection Limit mg/kg	Result mg/kg
Aldrin	1	ND	Endrin Aldehyde	1	ND
a-BHC	1	ND	Heptachlor	1	ND
b-BHC	1	ND	Heptachlor Epoxide	1	ND
d-BHC	1	ND	Toxaphene	1	ND
g-BHC (Lindane)	1	ND	Methoxychlor	1	ND
Chlordane	1	ND	PCB-1262	1	ND
4,4'-DDD	1	ND	PCB-1016	1	ND
4,4'-DDE	1	ND	PCB-1221	1	ND
4,4'-DDT	1	ND	PCB-1232	1	ND
Dieldrin	1	ND	PCB-1242	1	ND
Endosulfan I	1	ND	PCB-1248	1	ND
Endosulfan II	1	ND	PCB-1254	1	ND
Endosulfan Sulfate	1	ND	PCB-1260	1	ND
Endrin	1	ND			

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY

Water sample analysis was conducted according to "40 CFR Part 136; EPA Method 608" and all other matrices analysis was conducted according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8080."

SPECIAL COMMENTS

Detection limits increased due to dilution factor.

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CLIENT SAMPLE ID

Client Project: Phase II Tanks
Project Number: 5067-011
Station ID: S1-OP1-A1-SSW

SAMPLE DATA

Lab #: 27554
Matrix: Soil
Dilution Factor: 10
Collection date: 12/18/91
Lab receipt date: 12/23/91
Analysis date: 12/27/91

ANALYTICAL RESULTS

COMPOUND	Detection Limit $\mu\text{g}/\text{kg}$	Result $\mu\text{g}/\text{kg}$	COMPOUND	Detection Limit $\mu\text{g}/\text{kg}$	Result $\mu\text{g}/\text{kg}$
Vinyl chloride	50	ND	Benzene	50	ND
1,1-dichloroethene	50	ND	Toluene	50	ND
1,2-dichloroethene (cis or trans)	50	ND	Ethylbenzene	50	ND
Trichloroethene	50	ND	m-xylene	50	ND
Tetrachloroethene	50	ND	o&p-xylene	50	ND
Chloromethane	50	ND	Methyl t-butyl ether	50	ND
Methylene chloride	50	ND	m-dichlorobenzene	50	ND
Chloroform	50	ND	o&p-dichlorobenzene	50	ND
Carbon tetrachloride	50	ND	1,2-dichloropropane	50	ND
Bromodichloromethane	50	ND	cis-1,3-dichloropropene	50	ND
Dibromochloromethane	50	ND	trans-1,3-dichloropropene	50	ND
Bromomethane	50	ND	2-chloroethylvinyl ether	50	ND
Chloroethane	50	ND	Acetone	150	ND
1,1-dichloroethane	50	ND	Methyl ethyl ketone	100	ND
1,2-dichloroethane	50	ND	Methyl isobutyl ketone	100	ND
1,1,1-trichloroethane	50	ND	Trichlorotrifluoroethane	50	ND
1,1,2-trichloroethane	50	ND	Dichlorodifluoroethane	50	ND
1,1,2,2-tetrachloroethane	50	ND	Trichlorofluoromethane	50	ND
Chlorobenzene	50	ND	Chlorofluoromethane	50	ND
Bromoform	50	ND	Tetrahydrofuran	150	ND
Diethyl Ether	50	ND	Styrene	50	ND

Percent Surrogate Standard Recovery

d4-1,2-dichloroethane 68
d8-Toluene 81
Bromofluorobenzene 101

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY: Wastewater sample analysis was conducted according to "40 CFR Part 136; EPA Method 624" and other matrices were analyzed according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8240."

SPECIAL COMMENTS: Detection limits increased due to dilution factor.

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January 7, 1992

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SAMPLE DATA

Lab #: 27685
Matrix: Soil
Dilution Factor: 10
Collection date: 12/23/91
Lab receipt date: 12/31/91
Analysis date: 1/7/92

CLIENT SAMPLE ID

Client Project: Phase II Tanks GE aerospace
Project Number: 5067-011
Station ID: S1-OP1-A1-West

ANALYTICAL RESULTS

COMPOUND	Detection Limit µg/kg	Result µg/kg	COMPOUND	Detection Limit µg/kg	Result µg/kg
Aldrin	100	ND	Endrin Aldehyde	100	ND
a-BHC	100	ND	Heptachlor	100	ND
b-BHC	100	ND	Heptachlor Epoxide	100	ND
d-BHC	100	ND	Toxaphene	100	ND
g-BHC (Lindane)	100	ND	Methoxychlor	100	ND
Chlordane	100	ND	PCB-1262	100	ND
4,4'-DDD	100	ND	PCB-1016	100	ND
4,4'-DDE	100	ND	PCB-1221	100	ND
4,4'-DDT	100	ND	PCB-1232	100	ND
Dieldrin	100	ND	PCB-1242	100	ND
Endosulfan I	100	ND	PCB-1248	100	ND
Endosulfan II	100	ND	PCB-1254	100	ND
Endosulfan Sulfate	100	ND	PCB-1260	100	ND
Endrin	100	ND			

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY

Water sample analysis was conducted according to "40 CFR Part 136; EPA Method 608" and all other matrices analysis was conducted according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8080."

SPECIAL COMMENTS

Detection limits increased due to dilution factor.

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January 13, 1992

SAMPLE DATA

Lab #: 27750
Matrix: Soil
Dilution Factor: 1
Collection date: 12/31/91
Lab receipt date: 1/4/92
Analysis date: 1/11/92

CLIENT SAMPLE ID

Client Project: Phase II Tanks GE Aerospace
Project Number: 5067-011
Station ID: SI-OPI-09-Bottom

ANALYTICAL RESULTS

COMPOUND	detection limit mg/kg	Result mg/kg
PCB 1016	1	ND
PCB 1221	1	ND
PCB 1232	1	ND
PCB 1242	1	ND
PCB 1248	1	ND
PCB 1254	1	ND
PCB 1260	1	ND

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY

Water sample analysis was conducted according to "40 CFR Part 136; EPA Method 608" and all other matrices were analyzed according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8080."

SPECIAL COMMENTS

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January 13, 1992

CLIENT SAMPLE ID
Client Project: Phase II Tanks GE Aerospace
Project Number: 5067-011
Station ID: SI-OPI-09-ESW

SAMPLE DATA
Lab #: 27749
Matrix: Soil
Dilution Factor: 1
Collection date: 12/31/91
Lab receipt date: 1/4/92
Analysis date: 1/11/92

ANALYTICAL RESULTS

COMPOUND	detection limit mg/kg	Result mg/kg
PCB 1016	1	ND
PCB 1221	1	ND
PCB 1232	1	ND
PCB 1242	1	ND
PCB 1248	1	ND
PCB 1254	1	ND
PCB 1260	1	ND

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY

Water sample analysis was conducted according to "40 CFR Part 136; EPA Method 608" and all other matrices were analyzed according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8080."

SPECIAL COMMENTS

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January 13, 1992

SAMPLE DATA

Lab #: 27746
Matrix: Soil
Dilution Factor: 1
Collection date: 12/31/91
Lab receipt date: 1/4/92
Analysis date: 1/13/92

CLIENT SAMPLE ID

Client Project: Phase II Tanks GE Aerospace
Project Number: 5067-011
Station ID: SI-OPI-09-NSW

ANALYTICAL RESULTS

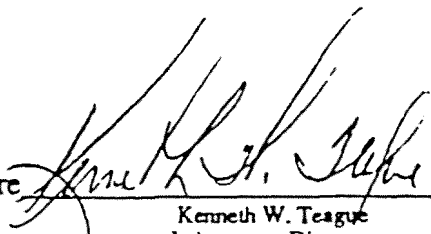
COMPOUND	detection limit mg/kg	Result mg/kg
PCB 1016	1	ND
PCB 1221	1	ND
PCB 1232	1	ND
PCB 1242	1	ND
PCB 1248	1	ND
PCB 1254	1	ND
PCB 1260	1	ND

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY

Water sample analysis was conducted according to "40 CFR Part 136; EPA Method 608" and all other matrices were analyzed according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8080."

SPECIAL COMMENTS

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January 11, 1992

SAMPLE DATA

Lab #: 27747
Matrix: Soil
Dilution Factor: 1
Collection date: 12/31/91
Lab receipt date: 1/4/92
Analysis date: 1/10/92

CLIENT SAMPLE ID

Client Project: Phase II Tanks GE Aerospace
Project Number: 5067-011
Station ID: SI-OPI-09-SSW

ANALYTICAL RESULTS

COMPOUND	detection limit mg/kg	Result mg/kg
PCB 1016	1	ND
PCB 1221	1	ND
PCB 1232	1	ND
PCB 1242	1	ND
PCB 1248	1	ND
PCB 1254	1	ND
PCB 1260	1	ND

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY

Water sample analysis was conducted according to "40 CFR Part 136; EPA Method 608" and all other matrices were analyzed according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8080."

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January 11, 1992

SAMPLE DATA

Lab #: 27748
Matrix: Soil
Dilution Factor: 1
Collection date: 12/31/91
Lab receipt date: 1/4/92
Analysis date: 1/10/92

CLIENT SAMPLE ID

Client Project: Phase II Tanks GE Aerospace
Project Number: 5067-011
Station ID: SI-OPI-09-WSW

ANALYTICAL RESULTS

COMPOUND	detection limit mg/kg	Result mg/kg
PCB 1016	1	ND
PCB 1221	1	ND
PCB 1232	1	ND
PCB 1242	1	ND
PCB 1248	1	ND
PCB 1254	1	ND
PCB 1260	1	ND

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY

Water sample analysis was conducted according to "40 CFR Part 136; EPA Method 608" and all other matrices were analyzed according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8080."

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January 14, 1992

SAMPLE DATA

Lab #: 27681
Matrix: Soil
Dilution Factor: 1
Collection date: 12/27/91
Lab receipt date: 12/31/91
Analysis date: 1/14/92

CLIENT SAMPLE ID

Client Project: Phase II Tanks GE Aerospace
Project Number: 5067-011
Station ID: OP1-10-East

ANALYTICAL RESULTS

COMPOUND	detection limit mg/kg	Result mg/kg
PCB 1016	1	ND
PCB 1221	1	ND
PCB 1232	1	ND
PCB 1242	1	ND
PCB 1248	1	ND
PCB 1254	1	ND
PCB 1260	1	ND

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY

Water sample analysis was conducted according to "40 CFR Part 136; EPA Method 608" and all other matrices were analyzed according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8080."

SPECIAL COMMENTS

Authorized signature

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January 16, 1992

Mr. Chris Pompei
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SAMPLE DATA

Lab #: 27681
Matrix: Soil
Dilution Factor: 10
Collection date: 12/27/91
Lab receipt date: 12/31/91
Analysis date: 1/7/92

CLIENT SAMPLE ID

Client Project: Phase II Tanks GE Aerospace
Project Number: 5067-011
Station ID: OP1-10-East

ANALYTICAL RESULTS

COMPOUND	Detection Limit $\mu\text{g}/\text{kg}$	Result $\mu\text{g}/\text{kg}$	COMPOUND	Detection Limit $\mu\text{g}/\text{kg}$	Result $\mu\text{g}/\text{kg}$
Vinyl chloride	50	ND	Benzene	50	ND
1,1-dichloroethene	50	ND	Toluene	50	ND
1,2-dichloroethene (cis or trans)	50	ND	Ethylbenzene	50	ND
Trichloroethene	50	ND	m-xylene	50	70
Tetrachloroethene	50	71	o&p-xylene	50	150
Chloromethane	50	ND	Methyl t-butyl ether	50	ND
Methylene chloride	50	ND	m-dichlorobenzene	50	ND
Chloroform	50	ND	o&p-dichlorobenzene	50	ND
Carbon tetrachloride	50	ND	1,2-dichloropropane	50	ND
Bromodichloromethane	50	ND	cis-1,3-dichloropropene	50	ND
Dibromochloromethane	50	ND	trans-1,3-dichloropropene	50	ND
Bromomethane	50	ND	2-chloroethylvinyl ether	50	ND
Chloroethane	50	ND	Acetone	150	ND
1,1-dichloroethane	50	ND	Methyl ethyl ketone	100	ND
1,2-dichloroethane	50	ND	Methyl isobutyl ketone	100	ND
1,1,1-trichloroethane	50	ND	Trichlorotrifluoroethane	50	ND
1,1,2-trichloroethane	50	ND	Dichlorodifluoroethane	50	ND
1,1,2,2-tetrachloroethane	50	ND	Trichlorofluoromethane	50	ND
Chlorobenzene	50	ND	Chlorofluoromethane	50	ND
Bromoform	50	ND	Tetrahydrofuran	150	ND
Diethyl Ether	50	ND	Styrene	50	ND

Percent Surrogate Standard Recovery

d4-1,2-dichloroethane 84
d8-Toluene 98
Bromofluorobenzene 108

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY: Wastewater sample analysis was conducted according to "40 CFR Part 136; EPA Method 624" and other matrices were analyzed according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8240."
SPECIAL COMMENTS: Detection limits increased due to dilution factor.

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January 14, 1992

SAMPLE DATA

Lab #: 27679
Matrix: Soil
Dilution Factor: 1
Collection date: 12/27/91
Lab receipt date: 12/31/91
Analysis date: 1/13/91

CLIENT SAMPLE ID

Client Project: Phase II Tanks GE Aerospace
Project Number: 5067-011
Station ID: OP1-10-North

ANALYTICAL RESULTS

COMPOUND	detection limit mg/kg	Result mg/kg
PCB 1016	1	ND
PCB 1221	1	ND
PCB 1232	1	ND
PCB 1242	1	ND
PCB 1248	1	ND
PCB 1254	1	ND
PCB 1260	1	ND

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY

Water sample analysis was conducted according to "40 CFR Part 136; EPA Method 608" and all other matrices were analyzed according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8080."

SPECIAL COMMENTS

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January 16, 1992

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SAMPLE DATA

Lab #: 27679
Matrix: Soil
Dilution Factor: 1000
Collection date: 12/27/91
Lab receipt date: 12/31/91
Analysis date: 1/7/92

CLIENT SAMPLE ID

Client Project: Phase II Tanks GE Aerospace
Project Number: 5067-011
Station ID: OP1-10-North

ANALYTICAL RESULTS

COMPOUND	Detection Limit $\mu\text{g}/\text{kg}$	Result $\mu\text{g}/\text{kg}$	COMPOUND	Detection Limit $\mu\text{g}/\text{kg}$	Result $\mu\text{g}/\text{kg}$
Vinyl chloride	5000	ND	Benzene	5000	ND
1,1-dichloroethene	5000	ND	Toluene	5000	ND
1,2-dichloroethene (cis or trans)	5000	ND	Ethylbenzene	5000	<5000
Trichloroethene	5000	ND	m-xylene	5000	15000
Tetrachloroethene	5000	ND	o&p-xylene	5000	27000
Chloromethane	5000	ND	Methyl t-butyl ether	5000	ND
Methylene chloride	5000	ND	m-dichlorobenzene	5000	ND
Chloroform	5000	ND	o&p-dichlorobenzene	5000	ND
Carbon tetrachloride	5000	ND	1,2-dichloropropane	5000	ND
Bromodichloromethane	5000	ND	cis-1,3-dichloropropene	5000	ND
Dibromochloromethane	5000	ND	trans-1,3-dichloropropene	5000	ND
Bromomethane	5000	ND	2-chloroethylvinyl ether	5000	ND
Chloroethane	5000	ND	Acetone	15000	ND
1,1-dichloroethane	5000	ND	Methyl ethyl ketone	10000	ND
1,2-dichloroethane	5000	ND	Methyl isobutyl ketone	10000	ND
1,1,1-trichloroethane	5000	ND	Trichlorotrifluoroethane	5000	ND
1,1,2-trichloroethane	5000	ND	Dichlorodifluoroethane	5000	ND
1,1,2,2-tetrachloroethane	5000	ND	Trichlorofluoromethane	5000	ND
Chlorobenzene	5000	ND	Chlorofluoromethane	5000	ND
Bromoform	5000	ND	Tetrahydrofuran	15000	ND
Diethyl Ether	5000	ND	Styrene	5000	ND

Percent Surrogate Standard Recovery

- d4-1,2-dichloroethane *
- d8-Toluene *
- Bromofluorobenzene *

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY: Wastewater sample analysis was conducted according to "40 CFR Part 136; EPA Method 624" and other matrices were analyzed according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8240."

SPECIAL COMMENTS: Detection limits increased due to dilution factor. The surrogates were diluted out.

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January 8, 1992

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SAMPLE DATA

Lab #: 27668
Matrix: Soil
Dilution Factor: 10
Collection date: 12/27/91
Lab receipt date: 12/31/91
Analysis date: 1/3/92

CLIENT SAMPLE ID

Client Project: Phase II Tanks GE Aerospace
Project Number: 5067-011
Station ID: OP1-11 Bottom #1

ANALYTICAL RESULTS

COMPOUND	Detection Limit $\mu\text{g}/\text{kg}$	Result $\mu\text{g}/\text{kg}$	COMPOUND	Detection Limit $\mu\text{g}/\text{kg}$	Result $\mu\text{g}/\text{kg}$
Vinyl chloride	50	ND	Benzene	50	ND
1,1-dichloroethene	50	ND	Toluene	50	ND
1,2-dichloroethene (cis or trans)	50	ND	Ethylbenzene	50	ND
Trichloroethene	50	ND	m-xylene	50	ND
Tetrachloroethene	50	<50	o&p-xylene	50	ND
Chloromethane	50	ND	Methyl t-butyl ether	50	ND
Methylene chloride	50	ND	m-dichlorobenzene	50	ND
Chloroform	50	ND	o&p-dichlorobenzene	50	ND
Carbon tetrachloride	50	ND	1,2-dichloropropane	50	ND
Bromodichloromethane	50	ND	cis-1,3-dichloropropene	50	ND
Dibromochloromethane	50	ND	trans-1,3-dichloropropene	50	ND
Bromomethane	50	ND	2-chloroethylvinyl ether	50	ND
Chloroethane	50	ND	Acetone	150	ND
1,1-dichloroethane	50	ND	Methyl ethyl ketone	100	ND
1,2-dichloroethane	50	ND	Methyl isobutyl ketone	100	ND
1,1,1-trichloroethane	50	ND	Trichlorotrifluoroethane	50	ND
1,1,2-trichloroethane	50	ND	Dichlorodifluoroethane	50	ND
1,1,2,2-tetrachloroethane	50	ND	Trichlorofluoromethane	50	ND
Chlorobenzene	50	ND	Chlorofluoromethane	50	ND
Bromoform	50	ND	Tetrahydrofuran	150	ND
Diethyl Ether	50	ND	Styrene	50	ND

Percent Surrogate Standard Recovery

d4-1,2-dichloroethane	76
d8-Toluene	81
Bromofluorobenzene	130

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY: Wastewater sample analysis was conducted according to "40 CFR Part 136; EPA Method 624" and other matrices were analyzed according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8240."

SPECIAL COMMENTS: Detection limits increased due to dilution factor.

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January 11, 1992

SAMPLE DATA

Lab #: 27669
Matrix: Soil
Dilution Factor: 1
Collection date: 12/26/91
Lab receipt date: 12/31/91
Analysis date: 1/11/92

CLIENT SAMPLE ID

Client Project: Phase II Tanks GE Aerospace
Project Number: 5067-011
Station ID: OP1-11 Bottom #2

ANALYTICAL RESULTS

COMPOUND	detection limit µg/kg	Result µg/kg
PCB 1016	20	ND
PCB 1221	20	ND
PCB 1232	20	ND
PCB 1242	20	ND
PCB 1248	20	ND
PCB 1254	20	ND
PCB 1260	20	170

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY

Water sample analysis was conducted according to "40 CFR Part 136; EPA Method 608" and all other matrices were analyzed according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8080."

SPECIAL COMMENTS

Detection limits decreased due to extraction by soxhlet.

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January 11, 1992

SAMPLE DATA

Lab #: 27672
Matrix: Soil
Dilution Factor: 1
Collection date: 12/26/91
Lab receipt date: 12/31/91
Analysis date: 1/8/92

CLIENT SAMPLE ID

Client Project: Phase II Tanks GE Aerospace
Project Number: 5067-011
Station ID: OPI-11 East

ANALYTICAL RESULTS

COMPOUND	detection limit µg/kg	Result µg/kg
PCB 1016	500	ND
PCB 1221	500	ND
PCB 1232	500	ND
PCB 1242	500	ND
PCB 1248	500	ND
PCB 1254	500	ND
PCB 1260	500	ND

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY

Water sample analysis was conducted according to "40 CFR Part 136; EPA Method 608" and all other matrices were analyzed according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8080."

SPECIAL COMMENTS

Authorized signature

Kenneth W. Teague
Laboratory Director

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January 11, 1992

SAMPLE DATA

Lab #: 27671
Matrix: Soil
Dilution Factor: 1
Collection date: 12/26/91
Lab receipt date: 12/31/91
Analysis date: 1/11/92

CLIENT SAMPLE ID

Client Project: Phase II Tanks GE Aerospace
Project Number: 5067-011
Station ID: OP1-11 South

ANALYTICAL RESULTS

COMPOUND	detection limit µg/kg	Result µg/kg
PCB 1016	20	ND
PCB 1221	20	ND
PCB 1232	20	ND
PCB 1242	20	ND
PCB 1248	20	ND
PCB 1254	20	ND
PCB 1260	20	140

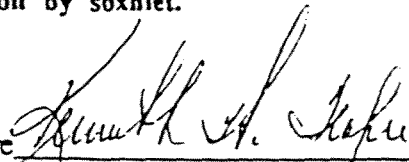
ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY

Water sample analysis was conducted according to "40 CFR Part 136; EPA Method 608" and all other matrices were analyzed according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8080."

SPECIAL COMMENTS

Lower detection limits due to sample extraction by soxhlet.

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SAMPLE DATA

Lab #: 27671
Matrix: Soil
Dilution Factor: 50
Collection date: 12/27/91
Lab receipt date: 12/31/91
Analysis date: 1/3/92

CLIENT SAMPLE ID

Client Project: Phase II Tanks GE Aerospace
Project Number: 5067-011
Station ID: OP1-11 South

ANALYTICAL RESULTS

COMPOUND	Detection Limit $\mu\text{g}/\text{kg}$	Result $\mu\text{g}/\text{kg}$	COMPOUND	Detection Limit $\mu\text{g}/\text{kg}$	Result $\mu\text{g}/\text{kg}$
Vinyl chloride	250	ND	Benzene	250	ND
1,1-dichloroethene	250	ND	Toluene	250	ND
1,2-dichloroethene (cis or trans)	250	ND	Ethylbenzene	250	1147
Trichloroethene	250	ND	m-xylene	250	649
Tetrachloroethene	250	ND	o&p-xylene	250	8920
Chloromethane	250	ND	Methyl t-butyl ether	250	ND
Methylene chloride	250	ND	m-dichlorobenzene	250	ND
Chloroform	250	ND	o&p-dichlorobenzene	250	ND
Carbon tetrachloride	250	ND	1,2-dichloropropane	250	ND
Bromodichloromethane	250	ND	cis-1,3-dichloropropene	250	ND
Dibromochloromethane	250	ND	trans-1,3-dichloropropene	250	ND
Bromomethane	250	ND	2-chloroethylvinyl ether	250	ND
Chloroethane	250	ND	Acetone	750	ND
1,1-dichloroethane	250	ND	Methyl ethyl ketone	500	ND
1,2-dichloroethane	250	ND	Methyl isobutyl ketone	500	ND
1,1,1-trichloroethane	250	ND	Trichlorotrifluoroethane	250	ND
1,1,2-trichloroethane	250	ND	Dichlorodifluoroethane	250	ND
1,1,2,2-tetrachloroethane	250	ND	Trichlorofluoromethane	250	ND
Chlorobenzene	250	ND	Chlorofluoromethane	250	ND
Bromoform	250	ND	Tetrahydrofuran	750	ND
Diethyl Ether	250	ND	Styrene	250	ND

Percent Surrogate Standard Recovery

d4-1,2-dichloroethane *

d8-Toluene *

Bromofluorobenzene *

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY: Wastewater sample analysis was conducted according to "40 CFR Part 136; EPA Method 624" and other matrices were analyzed according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8240."

SPECIAL COMMENTS: Detection limits increased due to dilution factor. *The surrogates were diluted out.

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January 11, 1992

SAMPLE DATA

Lab #: 27673
Matrix: Soil
Dilution Factor: 1
Collection date: 12/26/91
Lab receipt date: 12/31/91
Analysis date: 1/8/92

CLIENT SAMPLE ID

Client Project: Phase II Tanks GE Aerospace
Project Number: 5067-011
Station ID: OPI-11 West

ANALYTICAL RESULTS

COMPOUND	detection limit µg/kg	Result µg/kg
PCB 1016	500	ND
PCB 1221	500	ND
PCB 1232	500	ND
PCB 1242	500	ND
PCB 1248	500	ND
PCB 1254	500	ND
PCB 1260	500	ND

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY

Water sample analysis was conducted according to "40 CFR Part 136; EPA Method 608" and all other matrices were analyzed according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8080."

SPECIAL COMMENTS

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January 8, 1992

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SAMPLE DATA

Lab #: 27673
Matrix: Soil
Dilution Factor: 10
Collection date: 12/27/91
Lab receipt date: 12/31/91
Analysis date: 1/6/92

CLIENT SAMPLE ID

Client Project: Phase II Tanks GE Aerospace
Project Number: 5067-011
Station ID: OPI-11 West

ANALYTICAL RESULTS

COMPOUND	Detection Limit $\mu\text{g}/\text{kg}$	Result $\mu\text{g}/\text{kg}$	COMPOUND	Detection Limit $\mu\text{g}/\text{kg}$	Result $\mu\text{g}/\text{kg}$
Vinyl chloride	50	ND	Benzene	50	< 50
1,1-dichloroethene	50	ND	Toluene	50	ND
1,2-dichloroethene (cis or trans)	50	ND	Ethylbenzene	50	ND
Trichloroethene	50	ND	m-xylene	50	< 50
Tetrachloroethene	50	ND	o&p-xylene	50	210
Chloromethane	50	ND	Methyl t-butyl ether	50	ND
Methylene chloride	50	ND	m-dichlorobenzene	50	ND
Chloroform	50	ND	o&p-dichlorobenzene	50	ND
Carbon tetrachloride	50	ND	1,2-dichloropropane	50	ND
Bromodichloromethane	50	ND	cis-1,3-dichloropropene	50	ND
Dibromochloromethane	50	ND	trans-1,3-dichloropropene	50	ND
Bromomethane	50	ND	2-chloroethylvinyl ether	50	ND
Chloroethane	50	ND	Acetone	150	ND
1,1-dichloroethane	50	ND	Methyl ethyl ketone	100	ND
1,2-dichloroethane	50	ND	Methyl isobutyl ketone	100	ND
1,1,1-trichloroethane	50	ND	Trichlorotrifluoroethane	50	ND
1,1,2-trichloroethane	50	ND	Dichlorodifluoroethane	50	ND
1,1,2,2-tetrachloroethane	50	ND	Trichlorofluoromethane	50	ND
Chlorobenzene	50	ND	Chlorofluoromethane	50	ND
Bromoform	50	ND	Tetrahydrofuran	150	ND
Diethyl Ether	50	ND	Styrene	50	ND

Percent Surrogate Standard Recovery

d4-1,2-dichloroethane	78
d8-Toluene	92
Bromofluorobenzene	80

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY: Wastewater sample analysis was conducted according to "40 CFR Part 136; EPA Method 624" and other matrices were analyzed according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8240."

SPECIAL COMMENTS: Detection limits increased due to dilution factor.

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February 13, 1992

SAMPLE DATA

Lab #: 28265
Matrix: Solid
Percent Solid: 76
Dilution Factor: 1
Collection date: 2/3/92
Lab receipt date: 2/5/92
Analysis date: 2/11/92

CLIENT SAMPLE ID

Client Project: GE-UST REM-PH II
Project Number: 5067-011
Station ID: OP3-A1 Bottom

ANALYTICAL RESULTS

COMPOUND	Detection Limit mg/kg	Result mg/kg
PCB 1016	1	ND
PCB 1221	1	ND
PCB 1232	1	ND
PCB 1242	1	ND
PCB 1248	1	ND
PCB 1254	1	ND
PCB 1260	1	ND

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY

Water sample analysis was conducted according to "40 CFR Part 136; EPA Method 608" and all other matrices were analyzed according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8080."

SPECIAL COMMENTS

Results are expressed on a dry weight basis.

Authorized signature

Kenneth W. Teague
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Mr. Chris Pompei
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February 13, 1992

CLIENT SAMPLE ID
Client Project: GE-UST REM-PH II
Project Number: 5067-011
Station ID: OP3-A1 North

SAMPLE DATA
Lab #: 28261
Matrix: Solid
Percent Solid: 81
Dilution Factor: 1
Collection date: 2/3/92
Lab receipt date: 2/5/92
Analysis date: 2/11/92

ANALYTICAL RESULTS

COMPOUND	Detection Limit mg/kg	Result mg/kg
PCB 1016	1	ND
PCB 1221	1	ND
PCB 1232	1	ND
PCB 1242	1	ND
PCB 1248	1	ND
PCB 1254	1	ND
PCB 1260	1	ND

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

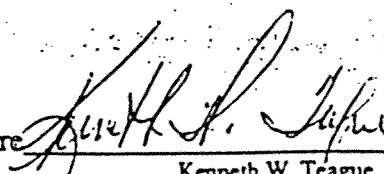
METHODOLOGY

Water sample analysis was conducted according to "40 CFR Part 136; EPA Method 608" and all other matrices were analyzed according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8080."

SPECIAL COMMENTS

Results are expressed on a dry weight basis.

Authorized signature



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February 13, 1992

SAMPLE DATA

Lab #: 28262
Matrix: Solid
Percent Solid: 78
Dilution Factor: 1
Collection date: 2/3/92
Lab receipt date: 2/5/92
Analysis date: 2/11/92

CLIENT SAMPLE ID

Client Project: GE-UST REM-PH II
Project Number: 5067-011
Station ID: OP3-A1 South

ANALYTICAL RESULTS

COMPOUND	Detection Limit mg/kg	Result mg/kg
PCB 1016	1	ND
PCB 1221	1	ND
PCB 1232	1	ND
PCB 1242	1	ND
PCB 1248	1	ND
PCB 1254	1	ND
PCB 1260	1	ND

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY

Water sample analysis was conducted according to "40 CFR Part 136; EPA Method 608" and all other matrices were analyzed according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8080."

SPECIAL COMMENTS

Results are expressed on a dry weight basis.

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Kenneth W. Teague
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ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Excavation
OP1-01

MA 086 NH 198958-A CT PH-0574 NY 11148 NC 320 SC 88006

Laboratory Sample Number: 913422.4 Date Received: 06/04/91

Sample Matrix: Soil (results are reported on a dry weight basis) Date Reported: 06/18/91

Condition of Samples: Satisfactory Field Prep: None

Number & Type of Containers: One glass jar

Analysis Requested: Analysis as listed below

PARAMETER	RESULT	UNITS	MDL	REF*	METHOD	DATES	
						EXT/PREP	ANALYSIS
Total Petroleum Hydrocarbons	61	mg/Kg	40	3	5520CDF	06/10/91	06/11/91
Total Solids	91	%	0.1	3	2540B	----	06/11/91
Volatile Aromatics ***	ND	ug/Kg	50	1	8020	06/06/91	06/12/91

COMMENTS: * Complete list of References found in Addendum I
** A list of volatile aromatics analyzed for and their detection limits accompanies this report.
*** All compounds were below the detection limits except those listed above.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA 086 NH 198958-A CT PH-0574 NY 11148 NC 320 SC 88006

Laboratory Sample Number: 913422.8 Date Received: 06/04/91

Sample Matrix: Soil (results are reported on a dry weight basis) Date Reported: 06/18/91

Condition of Samples: Satisfactory Field Prep: None

Number & Type of Containers: One glass jar

Analysis Requested: Analysis as listed below

PARAMETER	RESULT	UNITS	MDL	REF*	METHOD	DATES	
						EXT/PREP	ANALYSIS
Total Petroleum Hydrocarbons	70	mg/Kg	40	3	5520CDF	06/10/91	06/11/91
Total Solids	92	%	0.1	3	2540B	----	06/11/91
Volatile Aromatics ***	ND	ug/Kg	50	1	8020	06/06/91	06/12/91

COMMENTS: * Complete list of References found in Addendum I
 ** A list of volatile aromatics analyzed for and their detection limits accompanies this report.
 *** All compounds were below the detection limits except those listed above.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA 086 NH 198958-A CT PH-0574 NY 11148 NC 320 SC 88006

Laboratory Sample Number: 913422.2 Date Received: 06/04/91

Sample Matrix: Soil (results are reported on a dry weight basis) Date Reported: 06/18/91

Condition of Samples: Satisfactory Field Prep: None

Number & Type of Containers: One glass jar

Analysis Requested: Analysis as listed below

PARAMETER	RESULT	UNITS	MDL	REF*	METHOD	DATES	
						EXT/PREP	ANALYSIS
TCLP Extraction	----	-----	----	13	1311	06/06/91	-----
Lead	ND	mg/L	0.05	1	6010	06/07/91	06/10/91
Total Petroleum Hydrocarbons	ND	mg/Kg	40	3	5520CDF	06/06/91	06/07/91
Total Solids	90	%	0.1	3	2540B	----	06/07/91
Volatile Aromatics ***	ND	ug/Kg	50	1	8020	06/06/91	06/12/91

NOTE: TCLP Metals results are spike recovery corrected.

COMMENTS: * Complete list of References found in Addendum I
 ** A list of volatile aromatics analyzed for and their detection limits accompanies this report.
 *** All compounds were below the detection limits except those listed above.

SECTION 3 - ANALYTICAL TESTING RESULTS**3.01 Soil Analysis**

Soil samples collected during soil boring installation were submitted to the analytical laboratory for PCB analysis by EPA Method 8080. Results of soil analyses are summarized in Table 1 below. Concentrations of PCB detected in soil samples by the analytical laboratory were below the detection limit of 100 $\mu\text{g}/\text{kg}$ on a dry weight basis. Complete laboratory analysis results are included as Attachment H.

**TABLE 1
SOIL ANALYTICAL TESTING RESULTS
BUILDING OP-3**

Sample Identification	Sample Depth Interval	PCB 1016	PCB 1221	PCB 1232	PCB 1242	PCB 1248	PCB 1254	PCB 1260	PCB 1262
OBG-1 S-1	5 to 7 feet	ND	ND	ND	ND	ND	ND	ND	ND
OBG-2 S-1	5 to 7 feet	ND	ND	ND	ND	ND	ND	ND	ND
OBG-3 S-2	10 to 12 feet	ND	ND	ND	ND	ND	ND	ND	ND

NOTE: "ND" denotes "None Detected"

3.02 Ground Water Analysis

Results of ground water analyses are summarized in Table 2 below. Concentrations of Total Petroleum Hydrocarbons detected in ground water samples are below the detection limit of 50 $\mu\text{g}/\text{L}$ except for the sample collected from monitoring well OBG-1. Complete laboratory analysis results are included as Attachment I.

**TABLE 2
GROUND WATER ANALYTICAL TESTING RESULTS
BUILDING OP-3**

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons ($\mu\text{g}/\text{L}$)
OBG-1	12/3/92	538
OBG-2	12/3/92	ND
OBG-3	12/3/92	ND
Trip Blank	12/3/92	ND

NOTE: "ND" denotes "None Detected"



environmental
laboratory inc.

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111

Mr. Peter Giancola
O'Brien and Gere Engineers, Inc. - Pittsfield Division
66 West Street
Pittsfield, MA 01201

December 12, 1992

CLIENT SAMPLE ID

Client Project: GE / OP-3 / MW's
Project Number: 4455.010
Station ID: OBG-1 S-1

SAMPLE DATA

Lab #: 30347-01
Matrix: Soil
Percent Solid: 72
Dilution Factor: 11
Collection Date: 11/13/92
Lab Receipt Date: 11/24/92
Extraction Date: 11/25/92
Analysis Date: 12/10/92

ANALYTICAL RESULTS POLYCHLORINATED BIPHENYLS

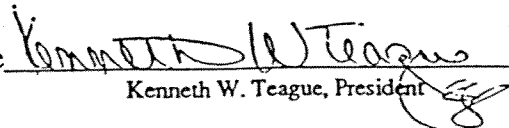
COMPOUND	Detection Limit: µg/kg	Result: µg/kg
PCB 1016	100	ND
PCB 1221	100	ND
PCB 1232	100	ND
PCB 1242	100	ND
PCB 1248	100	ND
PCB 1254	100	ND
PCB 1260	100	ND
PCB 1262	100	ND

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY: Water sample analysis was conducted according to "40 CFR Part 136, EPA Method 608" and other matrices were analyzed according to "Test Methods for Evaluating Solid Waste, SW-846, Method 8080."

COMMENTS: Results are expressed on a dry weight basis.

Authorized signature


Kenneth W. Teague, President

195 Commerce Way
 Portsmouth, New Hampshire 03801
 603-436-5111



Mr. Peter Giancola
 O'Brien and Gere Engineers, Inc. - Pittsfield Division
 66 West Street
 Pittsfield, MA 01201

December 12, 1992

SAMPLE DATA

Lab #: 30347-02
 Matrix: Soil
 Percent Solid: 90
 Dilution Factor: 1
 Collection Date: 11/18/92
 Lab Receipt Date: 11/24/92
 Extraction Date: 11/25/92
 Analysis Date: 12/10/92

CLIENT SAMPLE ID

Client Project: GE / OP-3 / MW's
 Project Number: 4455.010
 Station ID: OBG-2 S-1

ANALYTICAL RESULTS POLYCHLORINATED BIPHENYLS

COMPOUND	Detection Limit: µg/kg	Result: µg/kg
PCB 1016	100	ND
PCB 1221	100	ND
PCB 1232	100	ND
PCB 1242	100	ND
PCB 1248	100	ND
PCB 1254	100	ND
PCB 1260	100	ND
PCB 1262	100	ND

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY: Water sample analysis was conducted according to "40 CFR Part 136, EPA Method 608" and other matrices were analyzed according to "Test Methods for Evaluating Solid Waste, SW-846, Method 8080."

COMMENTS: Results are expressed on a dry weight basis.

Authorized signature Kenneth W. Teague
 Kenneth W. Teague, President



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 O'Brien and Gere Engineers, Inc. - Pittsfield Division
 66 West Street
 Pittsfield, MA 01201

December 12, 1992

CLIENT SAMPLE ID
 Client Project: GE/OP-3/MW's
 Project Number: 4455.010
 Station ID: OBG-3 S-2

SAMPLE DATA
 Lab #: 30347-03
 Matrix: Soil
 Percent Solid: 68
 Dilution Factor: 1
 Collection Date: 11/18/92
 Lab Receipt Date: 11/24/92
 Extraction Date: 11/25/92
 Analysis Date: 12/11/92

ANALYTICAL RESULTS POLYCHLORINATED BIPHENYLS

COMPOUND	Detection Limit: µg/kg	Result: µg/kg
PCB 1016	100	ND
PCB 1221	100	ND
PCB 1232	100	ND
PCB 1242	100	ND
PCB 1248	100	ND
PCB 1254	100	ND
PCB 1260	100	ND
PCB 1262	100	ND

ND=None Detected <=Less than >=Greater than PR=Present but not calibrated for

METHODOLOGY: Water sample analysis was conducted according to "40 CFR Part 136, EPA Method 608" and other matrices were analyzed according to "Test Methods for Evaluating Solid Waste, SW-846, Method 8080."

COMMENTS: Results are expressed on a dry weight basis.

Authorized signature Kenneth W. Teague
 Kenneth W. Teague, President

Table 4-18. Summary of Total Polychlorinated Biphenyls (Aroclors) Detected in Soil Boring Samples, Boring 39D, Unkamet Brook Area, GE Company, Pittsfield, Massachusetts.

Sample Interval (ft):	0-2	8-10	10-12	12-14	14-16	16-18	18-20
Sample Collection Date:	1/24/91	1/24/91	1/24/91	1/24/91	1/24/91	1/24/91	1/24/91
Parameter							
Total Aroclors	3.1	0.19	0.11	0.09	0.23	0.34	0.12

Concentrations reported in milligrams per kilogram (mg/kg).
Only detected analytes are shown.

General Electric Company
March 6, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05102/GE-Facility

Job Number: GECF 47644

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PV39B0204	PP6602	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/05/91

Date of Analysis: 02/12, 02/13 and 02/14/91

General Electric Company
March 6, 1991

Client Project ID: AY05102/GE-Facility

Job Number: GECP 47644

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor			Total Aroclors
		1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	
PV39B0406	PP6603	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/05/91
Date of Analysis: 02/12, 02/13 and 02/14/91

General Electric Company
March 6, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05102/GE-Facility

Job Number: GECF 47644

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PV39B0608	PP6604	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/05/91

Date of Analysis: 02/12, 02/13 and 02/14/91

General Electric Company
March 6, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05102/GE-Facility

Job Number: GECP 47644

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor			Total Aroclors
		1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	
PV39B2022	PP6613	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/05/91

Date of Analysis: 02/12, 02/13 and 02/14/91

General Electric Company
March 6, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05102/GE-Facility

Job Number: GECF 47653

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PU39B3436	PP6684	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/07/91

Date of Analysis: 02/12 and 02/13/91

General Electric Company
March 6, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05102/GE-Facility

Job Number: GECP 47653

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PU39B3638	PP6685	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/07/91

Date of Analysis: 02/12 and 02/13/91

General Electric Company
March 6, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05102/GE-Facility

Job Number: GECF 47653

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PU39B3840	PP6686	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/07/91

Date of Analysis: 02/12 and 02/13/91

General Electric Company
March 6, 1991

IT ANALYTICAL SERVICES
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KNOXVILLE, TN

Client Project ID: AY05102/GE-Facility

Job Number: GECF 47653

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PU39B4042	PP6687	0.05 U	0.05 U	0.05 U	0.05 U

- † - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/07/91
Date of Analysis: 02/12 and 02/13/91

General Electric Company
March 6, 1991

IT ANALYTICAL SERVICES
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KNOXVILLE, TN

Client Project ID: AY05102/GE-Facility

Job Number: GECP 47653

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PU39B4244	PP6688	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/07/91

Date of Analysis: 02/12 and 02/13/91

General Electric Company
March 6, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05102/GE-Facility

Job Number: GECP 47653

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PU39B4446	PP6689	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/07/91

Date of Analysis: 02/12 and 02/13/91

General Electric Company
March 6, 1991

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5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05102/GE-Facility

Job Number: GECF 47653

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PU3984648	PP6690	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/07/91
Date of Analysis: 02/12 and 02/13/91

General Electric Company
March 5, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05102/GE-Facility

Job Number: GECF 47672

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PU39B4850	PP6947	0.05 U	0.05 U	0.05 U	0.05 U

- † - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/11/91
Date of Analysis: 02/14, 02/15, 02/27 and 02/28/91

General Electric Company
March 5, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05102/GE-Facility

Job Number: GECF 47672

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PU39B5052	PP6948	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/11/91

Date of Analysis: 02/14, 02/15, 02/27 and 02/28/91

General Electric Company
March 5, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05102/GE-Facility

Job Number: GECF 47672

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PU39B5254	PP6949	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/11/91

Date of Analysis: 02/14, 02/15, 02/27 and 02/28/91

General Electric Company
March 5, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05102/GE-Facility

Job Number: GECF 47672

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PU39B5456	PP6950	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/11/91

Date of Analysis: 02/14, 02/15, 02/27 and 02/28/91

General Electric Company
March 5, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05102/GE-Facility

Job Number: GECF 47672

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PU39B5658	PP6951	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/11/91

Date of Analysis: 02/14, 02/15, 02/27 and 02/28/91

General Electric Company
March 5, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05102/GE-Facility

Job Number: GECF 47672

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PU39B5860	PP6952	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/11/91
Date of Analysis: 02/14, 02/15, 02/27 and 02/28/91

General Electric Company
March 5, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05102/GE-Facility

Job Number: GECP 47672

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PU39B6062	PP6953	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/11/91

Date of Analysis: 02/14, 02/15, 02/27 and 02/28/91

General Electric Company
March 5, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05102/GE-Facility

Job Number: GECF 47672

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PU39B6668	PP6955	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/11/91
Date of Analysis: 02/14, 02/15, 02/27 and 02/28/91

General Electric Company
March 5, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05102/GE-Facility

Job Number: GECF 47716

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PU39B8688	PP7621	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/11/91

Date of Analysis: 02/15 and 2/19/91

General Electric Company
March 5, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05102/GE-Facility

Job Number: GECF 47716

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PU39B9698	PP7622	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/11/91

Date of Analysis: 02/15 and 2/19/91

General Electric Company
March 5, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05102/GE-Facility

Job Number: GECF 47716

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PU398106	PP7625	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/11/91

Date of Analysis: 02/15 and 2/19/91

General Electric Company
March 5, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05102/GE-Facility

Job Number: GECF 47716

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PU39B116	PP7626	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/11/91
Date of Analysis: 02/15 and 2/19/91

General Electric Company
March 5, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05102/GE-Facility

Job Number: GECF 47716

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PU39B127	PP7627	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/11/91

Date of Analysis: 02/15 and 2/19/91

General Electric Company
March 4, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05102/GE-Facility

Job Number: GECF 47749

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PU39B137	PP7915	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 02/11/91

Date of Analysis: 02/14 and 02/15/91

General Electric Company
April 2, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05102/GE-Facility

Job Number: GECP 47970

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PU39B233	A0157	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 03/09/91
Date of Analysis: 03/18 and 03/19/91

Table 4-15. Summary of Volatile Organic Compounds Detected in Soil Boring Samples, Boring 39D, Unkemet Brook Area, GE Company, Pittsfield, Massachusetts.

Sample Interval (ft):	8-10	10-12	12-14	14-16	16-18	16-18*	18-20	20-22	22-24	24-26	26-28
Sample Collection Date:	1/24/91	1/24/91	1/24/91	1/24/91	1/24/91	1/24/91	1/24/91	1/24/91	1/24/91	1/25/91	1/25/91
Parameter											
Acetone	0.99BJ		2.5B	2.1B	7.8BJ	1.5B	1.3BJ	1.1BJ	1.7B	1.7B	0.045B
Benzene			0.15J		1.8J						
Chlorobenzene	1.2	22	21	6.4	240	1.1	8.7	2.7	1	6.7	0.31
Chloroform											0.004J
Ethylbenzene		0.36J	0.47J								
Methylene chloride	0.75BJ	0.5BJ	0.79BJ	1.4BJ	7BJ	1.7B	0.68BJ	1.1BJ	1.2BJ	0.62BJ	0.077B
Trichloroethene					3.7J						
Toluene		0.2J	0.21J		2.4J						
Xylenes (total)		0.65J	0.82								
Tetrachloroethene						0.340J					

Concentrations reported in milligrams per kilogram (mg/kg). Only detected analytes are shown.

* Field duplicate sample.

B Indicates compound was detected in the associated blank as well as in the sample.

J Indicates an estimated value less than the sample detection limit.

Table 4-15. Summary of Volatile Organic Compounds Detected in Soil Boring Samples, Boring 39D, Unkarnet Brook Area, GE Company, Pittsfield, Massachusetts.

Sample Interval (ft):	28-30	30-32	32-34	34-36	36-38	38-40	40-42	42-44	44-46	46-48	48-50
Sample Collection Date:	1/25/91	1/25/91	1/25/91	1/25/91	1/25/91	1/25/91	1/25/91	1/25/91	1/25/91	1/25/91	1/28/91
Parameter											
Acetone	1.6B	3.2	2.4J	2.8B	1.2BJ		3.2	1.3BJ	2.7B	1.4BJ	1.8BJ
Benzene				0.34J			0.32J				0.48J
Chlorobenzene	1.1	27	41	29	8.8	1.4	43	21	2.1	1.2	36
Chloroform		2.6									
Methylene chloride		2.9B	1.1BJ	1.4BJ	1.4BJ	0.58BJ	1.2BJ	1.7B	0.98BJ	1.1BJ	1.4BJ
Trichloroethene	1.6B	0.29J	0.4J	0.44J			0.63J				2.3
Toluene				0.21J							0.25J

Concentrations reported in milligrams per kilogram (mg/kg). Only detected analytes are shown.

* Field duplicate sample.

B Indicates compound was detected in the associated blank as well as in the sample.

J Indicates an estimated value less than the sample detection limit.

Table 4-16. Summary of Volatile and Semivolatile Organic Compounds Detected in Soil Samples, Boring 39E, Unkamet Brook Area, GE Company, Pittsfield, Massachusetts.

Parameter	Sample Interval (ft): Sample Collection Date:	96-98 1/31/91	106-108 1/31/91	233-235 3/7/91
<u>Volatile Organic Compounds</u>				
Acetone				0.013B
Benzene				0.003J
Chlorobenzene			0.002J	0.007
1,1-Dichloroethene				0.003J
Methylene chloride		0.020B	0.036B	0.019B
1,1,2-Trichloro-1,2,2-trifluoroethane				0.003J
Trichloroethene				0.003J
Toluene				0.003J
<u>Semivolatile Organic Compounds</u>				
bis(2-Ethylhexyl)phthalate		0.130J	0.240J	0.48
Di-n-butyl phthalate			0.054J	

Concentrations reported in milligrams per kilogram (mg/kg). Only detected analytes are shown.
 B Indicates the compound was found in the associated blank as well as in the sample.
 J Indicates an estimated value less than the sample detection limit.

Table 4-17. Summary of Semivolatile Organic Compounds Detected in Soil Boring Samples, Boring 39D, Unkamet Brook Area, GE Company, Pittsfield, Massachusetts.

Sample Interval (ft):	8-10	10-12	12-14	14-16	16-18	16-18*	18-20	20-22	22-24	24-26	26-28
Sample Collection Date:	1/24/91	1/24/91	1/24/91	1/24/91	1/24/91	1/24/91	1/24/91	1/24/91	1/24/91	1/25/91	1/25/91
Parameter											
Acenaphthene						0.14J					
Anthracene	0.63	0.43	0.64		0.86	0.25J				0.14J	0.085J
Benzo(a)anthracene	0.78	0.84			1.6	0.12J					
Benzo(a)pyrene						0.072J					
Benzo(b)fluoranthene						0.14JX					
Benzo(k)fluoranthene						0.14JX					
bis(2-Ethylhexyl)phthalate	0.21J	0.078J	0.67		0.12J	0.063J		0.073J		0.28J	0.41B
1-Chloronaphthalene			0.048J								
4-Chlorophenyl phenyl ether	0.18J	0.18J	0.23J	0.065J	0.37J					0.062J	
Chrysene	0.33J	0.25J	0.57	0.1J	0.64	0.098J				0.089J	
Dibenzofuran	1.3	1.1	1.6	0.4J	2	0.19J	0.43J	0.041J	0.058J	0.32J	0.2J
1,3-Dichlorobenzene	0.044J	0.056J	0.12J		0.41					2	
1,4-Dichlorobenzene	1.6	2.3	4	0.74	11D	0.35J	0.91J	0.26J	0.33J	2	0.81
1,2-Dichlorobenzene	1	1.5	2.8	0.57	6.6D	0.29J	0.63J	0.21J	0.28J	1.2	0.48
Di-n-octyl phthalate					0.16J						
Fluoranthene	0.054J		0.1J		0.1J	0.49					
Fluorene					0.052J	0.24J					
Hexachlorobenzene			0.089J		0.059J						
Hexachlorobutadiene			0.04J		0.047J						
2-Methylnaphthalene	0.39J	0.31J	0.51	0.12J	0.87	0.056J				0.13J	0.074J
1-Methylnaphthalene	6.6D	8.3D	14D	3.4	17D	0.54	2.9	0.33J	0.5	2.8	1.7
3-Methylphenol					0.053J						
4-Methylphenol					0.053J						
Naphthalene	2.9	4.1	5.7	3	17D	0.79	3.2	0.53	0.69	3.1	1.8
4-Nitrophenol					0.17J						
Phenanthrene	0.13J	0.083J	0.14J	0.15J	0.2J	0.78					
Phenol	0.29J	0.61	0.48	1.2	1.4	1.1	0.41J	1.2	1.5	0.16J	0.089J
Pentachlorophenol					0.092J						
Pyrene						0.3J					
1,2,3,4-Tetrachlorobenzene			0.045J								
1,2,3,5-Tetrachlorobenzene	0.046JX	0.041JX	0.073JX		0.067JX						
1,2,4,5-Tetrachlorobenzene	0.046JX	0.041JX	0.073JX		0.087JX						
1,2,3-Trichlorobenzene			0.055J		0.065J						
1,2,4-Trichlorobenzene	0.44	0.39J	0.58	0.059J	0.49					0.068J	

Concentrations reported in milligrams per kilogram (mg/kg). Only detected analytes are shown.

* Field duplicate sample.

B Indicates the compound was found in the associated blank as well as in the sample.

D Indicates the compound was analyzed at a secondary dilution factor.

J Indicates an estimated value less than the sample detection limit.

X Indicates coeluting distinguishable isomers.

Table 4-17. Summary of Semivolatile Organic Compounds Detected in Soil Boring Samples, Boring 39D, Unkemet Brook Area, GE Company, Pittsfield, Massachusetts.

Sample Interval (ft):	28-30	30-32	32-34	34-36	36-38	38-40	40-42	42-44	44-46	46-48	48-50
Sample Collection Date:	1/25/91	1/25/91	1/25/91	1/25/91	1/25/91	1/25/91	1/25/91	1/25/91	1/25/91	1/25/91	1/28/91
Parameter											
Anthracene		0.077J		0.045J			0.11J	0.11J	0.089J		0.16J
Benzo(a)anthracene		0.26J			0.047J		0.35J		0.18J		
bis(2-Ethylhexyl)phthalate	0.43B	0.22J	0.14BJ	0.23BJ	0.091BJ	0.34BJ	0.43B	0.15BJ	0.38BJ	0.39BJ	
Butyl benzyl phthalate				0.068J							
2-Chlorophenol				0.068J	0.1J	0.15J	0.16J	0.24J	0.16J	0.31J	0.25J
4-Chlorophenyl phenyl ether			0.15J				0.067J	0.069J	0.044J		0.096J
Chrysene		0.081J	0.2J				0.11J	0.12J	0.068J		0.16J
Dibenzofuran	0.055J	0.14J	0.66	0.11J		0.057J	0.27J	0.28J	0.18J	0.089J	0.46
1,3-Dichlorobenzene			0.12J				0.1J	0.11J	0.045J		
1,4-Dichlorobenzene	0.57	0.18J	3.3	0.86	0.32J	0.27J	3.1	2.9	1.1	0.86	0.88
1,2-Dichlorobenzene	0.38J	0.13J	1.9	0.48	0.2J	0.16J	1.8	1.8	0.72	0.43	0.54
2-Methylnaphthalene	0.45		0.25J	0.044J			0.12J	0.12J	0.073J		0.12J
1-Methylnaphthalene		0.7	5.3	0.95	0.34J	0.44	2.4	2.4	1.5	0.89	3.2
Naphthalene	0.65	0.54	5.5	1.1	0.47	0.5	3.4	3.1	1.9	1.2	2.8
Phenanthrene			0.071J								
Phenol			0.082J	0.083J	0.091J	0.078J	0.097J	0.12J	0.075J	0.12J	0.12J
1,2,4-Trichlorobenzene			0.12J				0.056J	0.061J			0.05J

Concentrations reported in milligrams per kilogram (mg/kg). Only detected analytes are shown.

* Field duplicate sample.

B Indicates the compound was found in the associated blank as well as in the sample.

D Indicates the compound was analyzed at a secondary dilution factor.

J Indicates an estimated value less than the sample detection limit.

X Indicates coeluting distinguishable isomers.

Table 4-22. Summary of Total Polychlorinated Biphenyls Detected in Soil Boring Samples,
Remainder of GE Facility, GE Company, Pittsfield, Massachusetts.

Soil Boring Designation:	RF-14	RF-15	RF-15*
Sample Collection Date:	06/10/91	06/17/91	06/17/91
Sample Interval (ft)			
0-2		0.06	
2-4			1.1
4-6	0.15		
6-8	0.06		0.69
8-10	0.29	0.31	
10-12	(0.2)		
12-14	0.05	0.71	
14-16			(0.076)
18-20	0.11	0.35	
20-22	0.38		
22-24	0.15	0.05	

Samples were analyzed by IT analytical Services, Knoxville, TN, unless otherwise stated.

Concentrations reported in milligrams per kilogram (mg/kg).

Only detected analytes are shown.

* Field duplicate sample.

() Data presented in parentheses were reported by CompuChem Laboratories, Research Triangle Park, NC

General Electric Company
July 22, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05602/GE-Facility

Job Number: GECF 48726

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PG14B0002	BB8012	0.05 U	0.06 U**	0.05 U	0.06 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

** - Higher detection limit due to interference.

Date of Extraction: 06/14/91

Date of Analysis: 06/25 and 06/26/91

General Electric Company
July 22, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05602/GE-Facility

Job Number: GECF 48726

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PG14B0204	BB8013	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 06/14/91
Date of Analysis: 06/25 and 06/26/91

General Electric Company
July 22, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05602/GE-Facility

Job Number: GECF 48726

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PG14B1416	BB8018	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 06/14/91

Date of Analysis: 06/25 and 06/26/91

General Electric Company
July 19, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05602/GE-Facility

Job Number: GECF 48776

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PG15B0204	BB8390	0.05 U	0.05 U	0.05 U	0.05 U

- † - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
- U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 06/24/91
Date of Analysis: 07/02, 07/08, and 07/09/91

General Electric Company
July 19, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05602/GE-Facility

Job Number: GECP 48776

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PG15B0406	BB8391	0.05 U	0.05 U	0.05 U	0.05 U

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
- Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 06/24/91
Date of Analysis: 07/02, 07/08, and 07/09/91

General Electric Company
July 19, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05602/GE-Facility

Job Number: GECF 48776

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PG15B0608	BB8392	0.05 U	0.05 U	0.05 U	0.05 U

- † - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
- Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 06/24/91
Date of Analysis: 07/02, 07/08, and 07/09/91

General Electric Company
July 19, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05602/GE-Facility

Job Number: GECP 48776

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242+ and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PG15B1012	BB8396	0.05 U	0.05 U	0.05 U	0.05 U

- Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
- Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 06/24/91

Date of Analysis: 07/02, 07/08, and 07/09/91



COMPOUND LIST

APPENDIX VIII, IX - PESTICIDES, METHOD 8080
RESULTS REPORTED ON DRY WEIGHT BASIS

(Page 1)

SAMPLE IDENTIFIER: PG15B1416
COMPUCHEM SAMPLE NUMBER: 426688
DRY WEIGHT FACTOR: 1.19

	CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1P. 4,4'-DDD	BDL	4.1
2P. 4,4'-DDE	BDL	4.1
3P. 4,4'-DDT	BDL	4.1
4P. ALDRIN	BDL	1.2
5P. CHLORDANE	BDL	4.7
6P. DIELDRIN	BDL	1.8
7P. ENDOSULFAN I	BDL	1.8
8P. ENDOSULFAN II	BDL	4.1
9P. ENDOSULFAN SULFATE	BDL	2.4
10P. ENDRIN	BDL	3
11P. ENDRIN ALDEHYDE	BDL	1.2
12P. HEPTACHLOR	BDL	1.2
13P. HEPTACHLOR EPOXIDE	BDL	1.2
14P. KEPONE	BDL	1.2
15P. p,p'-METHOXYCHLOR	BDL	4.1
16P. PCB-1016	BDL	24
17P. PCB-1221	BDL	24
18P. PCB-1232	BDL	24
19P. PCB-1242	BDL	24
20P. PCB-1248	BDL	24
21P. PCB-1254	BDL	24
22P. PCB-1260	BDL	24
23P. TOXAPHENE	BDL	24
24P. ALPHA-BHC	BDL	1.2
25P. BETA-BHC	BDL	1.2
26P. DELTA-BHC	BDL	1.2
27P. GAMMA-BHC (Lindane)	BDL	1.2

BDL= BELOW DETECTION LIMIT

+ Detection limits have been adjusted to report variations from the nominal sample weight and dry weight.

(Continued)

General Electric Company
July 19, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05602/GE-Facility

Job Number: GECP 48776

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PG15B1618	BB8398	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 06/24/91

Date of Analysis: 07/02, 07/08, and 07/09/91

General Electric Company
July 19, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05602/GE-Facility

Job Number: GECF 48776

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Aroclor 1216, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
PG15B2022	BB8400	0.05 U	0.05 U	0.05 U	0.05 U

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 06/24/91

Date of Analysis: 07/02, 07/08, and 07/09/91

Table 4-19. Summary of Volatile Organic Compounds Detected in Soil Boring Samples, Remainder of GE Facility, GE Company, Pittsfield, Massachusetts.

	Soil Boring Designation:	RF-14	RF-15	RF-15*
	Sample Depth (ft):	10-12	14-16	14-16
	Sample Collection Date:	6/10/91	6/17/91	6/17/91
Parameter				
Methylene chloride		0.075B	0.019B	0.017B
Acetone		0.026B	0.012BJ	0.012BJ
1,1,2-Trichloro-1,2,2-trifluoroethane		0.003BJ		

Concentrations reported in milligrams per kilogram (mg/kg). Only detected analytes are shown.

* Field duplicate sample.

B Indicates compound was detected in associated blank as well as in the sample.

J Indicates an estimated value less than the sample detection limit.

Table 4-20. Summary of Semivolatile Organic Compounds Detected in Soil Boring Samples, Remainder of GE Facility, GE Company, Pittsfield, Massachusetts.

	RF-14	RF-15	RF-15*
Soil Boring Designation:	RF-14	RF-15	RF-15*
Sample Depth (ft):	10-12	14-16	14-16
Sample Collection Date:	6/10/91	6/17/91	6/17/91
Parameter			
bis(2-Ethylhexyl)phthalate	0.17BJ	0.1J	0.33J
Di-n-octyl phthalate		0.041J	0.046J

Concentrations reported in milligrams per kilogram (mg/kg). Only detected analytes are shown.

* Field duplicate sample.

B Indicates compound was detected in associated blank as well as in the sample.

J Indicates an estimated value less than the sample detection limit.

Table 4-21. Summary of Organophosphorous Pesticides Detected in Soil Boring Samples,
Remainder of GE Facility, GE Company, Pittsfield, Massachusetts.

Soil Boring Number:	RF-14
Sample Depth (ft):	10-12
Sample Collection Date:	06/10/91

Parameter

4,4'-DDE	0.21
4,4'-DDT	0.078

Concentrations reported in milligrams per kilogram (mg/kg).
Only detected analytes are shown.

Table 4-23. Summary of Metals and Sulfide Detected in Soil Boring Samples, Remainder of GE Facility, GE Company, Pittsfield, Massachusetts.

	Soil Boring Designation:	RF-14	RF-15	RF-15+
	Sample Depth (ft):	10-12	14-16	14-16
	Sample Collection Date:	06/10/91	06/17/91	06/17/91
Parameter				
Aluminum		3570	8070	6790
Arsenic		4.1QN	7.0AN	7.9AN
Barium		13.7BN*	19.3BN	26.1N*
Beryllium			0.35B	0.27B
Cadmium			0.99	1.5
Calcium		18500	37400	36300
Chromium		5.2	22.4	31.3
Cobalt		4.2B	19.6	29.3
Copper		7.6	17.6	23.3
Iron		8,460E	16,100E	17,100E
Lead		4.7*	6.2*	7.0*
Magnesium		10900	19800	21500
Manganese		237	519	654
Mercury				0.15*
Nickel		6.4E	16.9E	34.0E
Potassium		441B	687	643
Silver				1.7N
Sodium		72.9B	80.0B	82.6B
Vanadium		5.0B	7.6	7.9
Zinc		24.3*	64.8*	67.5
Sulfide		12		

Concentrations reported in milligrams per kilogram (mg/kg). Only detected analytes are shown.
+ Field duplicate sample.

A Indicates spike recoveries are outside the range of 85% to 115%. Reported result is produced from a single-point method-of-standard-addition on calculation.

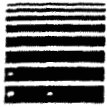
B Indicates the reported value is less than the contract required detection limit (CRDL), but greater than the instrument detection limit (IDL).

E Indicates the reported value is estimated because of the presence of interference.

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

Q Indicates a severe physical or chemical interference in the sample. Results should be regarded as an estimate only.

* Indicates sample matrix duplicate analysis was not within control limits.



COMPOUND LIST

APPENDIX VIII, IX - PESTICIDES, METHOD 8080
RESULTS REPORTED ON DRY WEIGHT BASIS
(Page 1)

PG 1581416 D44

SAMPLE IDENTIFIER: DP-1
COMPUCHEM SAMPLE NUMBER: 426670
DRY WEIGHT FACTOR: 1.24

	CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1P. 4,4'-DDD	BDL	4.3
2P. 4,4'-DDE	BDL	4.3
3P. 4,4'-DDT	BDL	4.3
4P. ALDRIN	BDL	1.2
5P. CHLORDANE	BDL	4.9
6P. DIELDRIN	BDL	1.8
7P. ENDOSULFAN I	BDL	1.8
8P. ENDOSULFAN II	BDL	4.3
9P. ENDOSULFAN SULFATE	BDL	2.4
10P. ENDRIN	BDL	3.1
11P. ENDRIN ALDEHYDE	BDL	1.2
12P. HEPTACHLOR	BDL	1.2
13P. HEPTACHLOR EPOXIDE	BDL	1.2
14P. KEPONE	BDL	1.2
15P. p,p'-METHOXYCHLOR	BDL	4.3
16P. PCB-1016	BDL	24
17P. PCB-1221	BDL	24
18P. PCB-1232	BDL	24
19P. PCB-1242	BDL	24
20P. PCB-1248	BDL	24
21P. PCB-1254	76	24
22P. PCB-1260	BDL	24
23P. TOXAPHENE	BDL	24
24P. ALPHA-BHC	BDL	1.2
25P. BETA-BHC	BDL	1.2
26P. DELTA-BHC	BDL	1.2
27P. GAMMA-BHC (Lindane)	BDL	1.2

BDL= BELOW DETECTION LIMIT

+ Detection limits have been adjusted to report variations from the nominal sample weight and dry weight.

(Continued)

FORM 1 - QUANTITATION REPORT

PAGE 1 of 2

DATE: 11/11/92

LABORATORY: ChemWest

Ticket# CW-8212

Project Name: General Electric Company


CLIENT ID.	CW#	GC/MS DATE	GC/MS TIME	INST. ID.	TOTAL ANALYTE QUANTITY FOUND (ppb or ng/g)												
					2378 TCDD	TCDD	PeCDD	HxCDD	HpCDD	OCDD	2378 TCDF	TCDF	PeCDF	HxCDF	HpCDF	OCDF	
PG14B1012 // 424861	8212	06/26/91	14:32	CW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Detection Limit					0.10	0.16	0.14	0.18	0.23	0.33	0.097	0.097	0.21	0.097	0.28	0.25	

g = MAXIMUM POSSIBLE CONCENTRATION

*C-TCDD: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzodioxin (12 carbons)

*C-TCDF: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzofuran (12 carbons)

*C-OCDD: Carbon 13 labeled octachlorodibenzodioxin (12 carbons)

Approved by:  _____

FORM 1 - QUANTITATION REPORT

DATE: 11/11/92

LABORATORY: ChamWest

Ticket# CW-8212

Project Name: General Electric Company

CLIENT ID.	CW#	GC/MS DATE	GC/MS TIME	INST. ID.	ABSOLUTE % RECOVERY of INTERNAL STANDARDS							SURROGATE % ACCURACY		
					*C-TCDD	*C-PeCDD	*C-HxCDD	*C-HpCDD	*C-OCDD	*C-TCDF	*C-PeCDF	*Cl-TCDD	*C-HxCDD	*C-HpCDF
PG14B1012 // 424861	8212	06/26/91	14:32	CW-2	48.3	56.9	65.6	53.1	31.7	44.6	58.4	93.4	90.3	114
Detection Limit														

INTERNAL STANDARDS

- *C-TCDD = 13C12-2378-TCDD
- *C-PeCDD = 13C12-12378-PeCDD
- *C-HxCDD = 13C12-123678-HxCDD
- *C-HpCDD = 13C12-1234678-HpCDD
- *C-TCDF = 13C12-2378-TCDF

SURROGATES

- *Cl-TCDD = 37CL4-2378-TCDD
- *C-HxCDD = 13C12-123789-HxCDD
- *C-PeCDF = 13C12-12378-PeCDF
- *C-HPCDF = 13C12-1234678-HpCDF

Approved by: _____

FORM 1 - QUANTITATION REPORT

Ticket# CW-8267

Project Name: General Electric Company

TOTAL ANALYTE QUANTITY FOUND

CLIENT ID.	CW#	GC/MS DATE	GC/MS TIME	INST. ID.	(ppb or ng/g)											
					2378						2378					
					TCDD	TCDD	PeCDD	HxCDD	HpCDD	OCDD	TCDF	TCDF	PeCDF	HxCDF	HpCDF	OCDF
DP-1 // 426647	8267-1RX	07/26/91	18:20	CW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Detection Limit					0.035	0.050	0.056	0.098	0.15	0.24	0.022	0.047	0.043	0.056	0.095	0.20
PG15B1416 // 426651	8267-2RX	07/11/91	13:18	CW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Detection Limit					0.065	0.076	0.093	0.13	0.20	0.19	0.031	0.059	0.097	0.11	0.19	0.20

■ = MAXIMUM POSSIBLE CONCENTRATION

*C-TCDD: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzodioxin (12 carbons)

*C-TCDF: Carbon 13 labeled 2,3,7,8-tetrachlorodibenzofuran (12 carbons)

*C-OCDD: Carbon 13 labeled octachlorodibenzodioxin (12 carbons)

Approved by: _____



FORM 1 - QUANTITATION REPORT

DATE: 11/18/92

LABORATORY: ChemWest

Ticket# CW-8267

Project Name: General Electric Company

CLIENT ID.	CW#	GC/MS DATE	GC/MS TIME	INST. ID.	ABSOLUTE % RECOVERY of INTERNAL STANDARDS							SURROGATE % ACCURACY		
					*C-TCDD	*C-PeCDD	*C-HxCDD	*C-HpCDD	*C-OCDD	*C-TCDF	*C-PeCDF	*Cl-TCDD	*C-HxCDD	*C-HpCDF
DP-1 // 426647 Detection Limit	8267-1RX	07/26/91	18:20	CW-2	70.0	89.1	86.5	77.1	50.1	87.5	88.1	113	100	141
PG15B1416 // 426651 Detection Limit	8267-2RX	07/11/91	13:18	CW-2	67.1	72.0	76.9	66.4	47.1	88.3	77.9	108	97.0	134

INTERNAL STANDARDS

- *C-TCDD = 13C12-2378-TCDD
- *C-PeCDD = 13C12-12378-PeCDD
- *C-HxCDD = 13C12-123678-HxCDD
- *C-HpCDD = 13C12-1234678-HpCDD
- *C-TCDF = 13C12-2378-TCDF

SURROGATES

- *Cl-TCDD = 37CL4-2378-TCDD
- *C-HxCDD = 13C12-123789-HxCDD
- *C-PeCDF = 13C12-12378-PeCDF
- *C-HPCDF = 13C12-1234678-HpCDF

Approved by: _____

TABLE 7-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT
SUMMARY FOR UNKAMET BROOK AREA/USEPA AREA 1

SUMMARY OF FLOODPLAIN AND SURFICIAL SOIL PCB DATA¹

Floodplain Soils

<u>Sample Identification²</u>	<u>Sample Location³</u>	<u>Sample Depth (Inches)</u>	<u>Sample Description</u>	<u>PCB Conc. (dry weight, ppm)⁴</u>
*UFP1-L1	Top of Bank	0-12	0-6" Dark brown silt, trace of fine sand 6-12" Moist dark brown silt with some black coarse sand	28
*UFP1-L2	36' from top of left bank	0-12	0-6" Moist dark brown silt with trace of fine sand, some roots 6-12" Moist dark silt with trace of fine sand	2.5
*UFP1-L3	78' from top of left bank	0-12	0-6" Light brown sand with rounded cobbles 6-12" Light brown sand with rounded cobbles	0.14
*UFP1-L4	200' from top of left bank	0-12	0-6" Light brown sand with small rounded stones 6-12" Light brown sand with small rounded stones	0.42
*UFP1-L5	346' from top of left bank	0-12	0-6" Brown silt with sand on top of brown sand with trace of silt and cobbles	0.51
*UFP-R1	Top of right bank	0-12	0-6" Moist brown silt with trace of fine sand 6-12" Moist brown silt with trace of fine sand	52

(See notes on page 10)

83.57

TABLE 7-2
(Cont'd.)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT
SUMMARY FOR UNKAMET BROOK AREA/USEPA AREA 1

SUMMARY OF FLOODPLAIN AND SURFICIAL SOIL PCB DATA¹

Floodplain Soils (cont'd.)

<u>Sample Identification²</u>	<u>Sample Location³</u>	<u>Sample Depth (Inches)</u>	<u>Sample Description</u>	<u>PCB Conc. (dry weight, ppm)⁴</u>
UFP1-R2	24' from top of right bank	0-12	0-6" Moist dark brown silt with trace of fine sand 6-12" moist brown silt with fine sand, light brown silt at bottom with trace of fine sand	0.88
UFP1-R3	65' from top of right bank	0-12	0-6" Moist dark brown silt 6-12" Moist brown silt with light brown silt at bottom	0.31
UFP1-R4	112' from top of right bank	0-12	0-6" Dark brown moist silt 6-12" Brown moist silt, light brown silt at bottom	0.17
UFP1-R5	161' from top of right bank	0-12	0-6" Moist dark brown silt, trace of fine sand 6-12" Moist brown silt, light brown silt at bottom with trace of fine sand	0.13
UFP1-R6	209' from top of right bank	0-12	0-6" Moist dark brown silt with trace of fine sand 6-12" Brown silt with light brown silt and sand	0.13
*UFP2-L1	Top of left bank	0-12	0-6" Moist brown silt with trace of fine sand 6-12" Moist brown silt with trace of fine sand	43
*UFP2-L2	13' from top	0-12	0-6" Dark brown silt with fine sand 6-12" Dark brown silt with fine sand	150

194.05

(See notes on page 10)

TABLE 7-2
(Cont'd.)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT
SUMMARY FOR UNKAMET BROOK AREA/USEPA AREA 1

SUMMARY OF FLOODPLAIN AND SURFICIAL SOIL PCB DATA¹

Floodplain Soils (cont'd.)

Sample Identification ²	Sample Location ³	Sample Depth (Inches)	Sample Description	PCB Conc. (dry weight, ppm) ⁴
*UFP2-L3	22' from top of left bank	0-12	0-6" Dark brown sandy silt with some gravel 6-12" Dark brown sandy silt with some gravel	190
*UFP2-L4	120' from top of left bank	0-12	0-6" Dark brown sandy silt with some gravel 6-12" Dark brown fine sandy silt with some gravel on top of light brown fine sand	46
*UFP2-L5	170' from top of left bank	0-12	0-6" Dark brown fine sandy silt with gravel 6-12" Dark brown fine sandy silt with gravel	1.1
*UFP2-R1	Top of right bank	0-12	0-6" Moist brown silt with trace of fine sand and roots 6-12" Moist brown silt with trace of fine sand and black stained soil modules with strong organic odor	41
*UFP2-R2	43' from top of right bank	0-12	0-6" Moist brown silt with trace of fine sand 6-12" Very moist brown silt, ground water at 12"	19
UFP2-R3	92' from top of right bank	0-12	0-6" Dark brown silt with trace of fine sand 6-12" Moist light brown to brown silt with trace of fine sand, ground water at 12"	5.7
UFP2-R4	187' from top of right bank	0-12	0-6" Brown peat on top of brown silt with fine sand 6-12" Brown silt with trace of fine sand	0.25 (0.23) ⁵

(See notes on page 10)

303.1

TABLE 7-2
(Cont'd.)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT
SUMMARY FOR UNKAMET BROOK AREA/USEPA AREA 1

SUMMARY OF FLOODPLAIN AND SURFICIAL SOIL PCB DATA¹

Floodplain Soils (cont'd.)

<u>Sample Identification²</u>	<u>Sample Location³</u>	<u>Sample Depth (Inches)</u>	<u>Sample Description</u>	<u>PCB Conc. (dry weight, ppm)⁴</u>
UFP2-R5	219' from top of right bank	0-12	0-6" Dark brown silt with trace of fine sand 6-12" Brown silt with trace of fine sand on top of light brown silt	0.19
UFP2-R6	328' from top of right bank	0-12	0-6" Brown silt with trace of fine sand with organic matter 6-12" Moist brown silt with trace of fine sand	0.17
*UFP2-R7	426' from top of right bank	0-12	0-6" Moist brown silt with trace of fine sand on top of light brown silt with trace of sand 6-12" Light brown silt with trace of fine sand	1.1
UFP2-R8	506' from top of right bank	0-12	0-6" Moist brown silt with trace of fine sand 6-12" Light brown silt with trace of fine sand	0.05
UFP2-R9	537' from top of right bank	0-12	0-6" Submerged vegetation and mucky brown silt	0.19
UFP2-R10	650' from top of right bank	0-12	6-12" Moist mucky brown silt 0-6" Moist brown silt with trace of fine sand 6-12" Moist brown silt with trace of fine sand	0.10

1.8

(See notes on page 10)

TABLE 7-2
(Cont'd.)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT
SUMMARY FOR UNKAMET BROOK AREA/USEPA AREA 1

SUMMARY OF FLOODPLAIN AND SURFICIAL SOIL PCB DATA¹

Floodplain Soils (cont'd.)

<u>Sample Identification²</u>	<u>Sample Location³</u>	<u>Sample Depth (Inches)</u>	<u>Sample Description</u>	<u>PCB Conc. (dry weight, ppm)⁴</u>
*UFP3-R6	382' from top of right bank, bog area	0-12	0-6" Brown silt with fine sand and dead vegetation, ground water at 6" 6-12" Brown silty clay with fine sand, and trace of dead vegetation	0.26
*UFP3-R7	480' from top of right bank, bog area	0-12	0-6" Brown silt with fine sand, trace of clay and dead organics, ground water at 6" 6-12" Moist gray brown clay with fine sand	0.24
UFP3-R8	580' from top of right bank, bog	0-12	0-6" Brown silt with fine sand, roots, ground water at 6" 6-12" Brown silt with clay and fine sand on top of gray clay and fine sand	<u>ND (0.05)⁶</u>
UFP3-R9	677' from top of right bank, bog	0-12	0-6" Brown to gray silt with fine sand and trace of clay, ground water at 6" 6-12" Gray and light brown clay with fine sand	0.09
UFP3-R10	807' from top of right bank, edge of swamp	0-12	0-6" Moist brown silt with fine sand 6-12" Moist brown silt with fine sand and trace of clay	0.09

(See notes on page 10)

0.65

TABLE 7-2
(Cont'd.)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT
SUMMARY FOR UNKAMET BROOK AREA/USEPA AREA 1

SUMMARY OF FLOODPLAIN AND SURFICIAL SOIL PCB DATA¹

Floodplain Soils (cont'd.)

Sample Identification ²	Sample Location ³	Sample Depth (Inches)	Sample Description	PCB Conc. (dry weight, ppm) ⁴
UFP3-R11	844' from top of right bank	0-12	0-6" Brown fine sandy silt with small rocks 6-12" Light brown fine sandy silt with small rocks	ND (0.05) ⁶
→ *UFP3-L1	top of left bank	0-12	0-6" Brown fine sand, rounded rocks 6-12" Brown fine sand and dark brown to black fine sand with rounded cobbles	110 (120) ⁵

Surficial Soils

*UOP3 S-1	Near building OP-3	0-12	0-6" soft silt with trace of sand 6-12" gray sandy clay with brown silt on top	14.3
UOP3 S-2	Near building OP-3	0-12	0-6" mucky brown silt with plant material 6-12" stiff gray clay with sand	0.42
UOP3 S-3	Near building OP-3	0-12	0-6" dark brown sandy silt 6-12" dark brown sandy silt	0.25
UOP3 S-4	Near building OP-3	0-12	0-6" brown silt with sand and trace of clay, roots 6-12" light brown sandy silt with clay	0.14

(See notes on page 10)

TABLE 7-2
(Cont'd.)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT FOR UNKAMET BROOK AREA AND
CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 1

SUMMARY OF FLOODPLAIN AND SURFICIAL SOIL PCB DATA¹

Surficial Soils

<u>Sample Identification²</u>	<u>Sample Location³</u>	<u>Sample Depth (Inches)</u>	<u>Sample Description</u>	<u>PCB Conc. (dry weight, ppm)⁴</u>
UOP3 S-5	Near building OP-3	0-12	0-6" brown silt with sand and roots 6-12" light brown sandy clay and silt	0.23
UOP3 S-6	Near building OP-3	0-12	0-6" moist brown silt with sand and roots 6-12" moist brown silt with sand and roots	0.38
*UOP3 S-7	Near building OP-3	0-12	0-6" moss, plant material, brown silt and sand on top of brown sand and gravel 6-12" brown sand and gravel	0.44
UOP3 S-8	Near building OP-3	0-12	0-6" moist brown silty sand 6-12" moist brown silty sand, trace of gray brown clay	0.07
UOP3 S-9	Near building OP-3	0-12	0-6" moist brown silt with fine sand and roots 6-12" light brown fine sandy clay	0.13
UOP3 S-10	Near building OP-3	0-12	0-6" brown silt with fine sand and roots 6-12" moist brown silt with trace of fine sand and plant material	6.1

(See notes on page 10)

7.35

TABLE 7-2
(Cont'd.)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT FOR UNKAMET BROOK AREA AND
CURRENT ASSESSMENT SUMMARY FOR USEPA AREA 1

SUMMARY OF FLOODPLAIN AND SURFICIAL SOIL PCB DATA¹

Surficial Soils (cont'd.)

Sample Identification ²	Sample Location ³	Sample Depth (Inches)	Sample Description	PCB Conc. (dry weight, ppm) ⁴
*UOP3 S-17	Near building OP-3	0-12	0-6" sandy silt with some roots and small gravel 6-12" light brown to brown sand with trace of silt	2.9
*UOP3 S-18	Near building OP-3	0-12	0-6" moist brown silt with fine sand and plant material 6-12" light brown silt with sand	0.15 (0.29) ⁵
*UOP3 S-19	Near building OP-3	0-12	0-6" brown sandy silt with small stones and plant material 6-12" light brown sand with stones	1.3
*UOP3 S-20	Near building OP-3	0-12	0-6" dark brown sand with silt and plant material 6-12" light brown sand with silt and stones on top of gray fine sand on top of light brown sand with silt and stones	1.4
				5.9

Notes:

¹Samples were collected during April 10-11, 1991, by Blasland & Bouck Engineers, P.C.

^{2*} = Samples contained PID head space readings greater than 10 ppm and were subjected to Appendix IX+3 volatiles and semi-volatiles analyses.

³All brook banks are referenced right or left facing upstream.

⁴One sample was collected per location from 0 to 12 inches below the surface and submitted to IT Analytical Services for PCB analysis.

⁵0.25 (0.23) = Duplicate analyses were performed.

⁶ND(0.05) = Not detected (detection limit).

TABLE 7-3

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT SUMMARY FOR UNKAMET BROOK AREA/USEPA AREA 1

SUMMARY OF SURFICIAL SOILS APPENDIX IX+3 DATA¹

(Concentrations are presented in dry-weight ppm)

Parameter ^{2,3}	UOP3S-1	UOP3S-7	UOP3S-13 ⁴	UOP3S-14	UOP3S-15 ⁴	UOP3S-16	UOP3S-17	UOP3S-18	UOP3S-19	UOP3S-20 ⁴
Methylene Chloride	0.026B ⁵	0.042B	0.087B	0.045B	0.098B	0.068B	0.030B	0.040B	0.130B	0.040B
Acetone	0.014B	0.018B	0.040B	0.025B	0.048B	0.040B	0.013B	0.023B	0.079B	0.020B
Chloroform	ND ⁶	0.001J ⁷	ND	ND	0.002J	ND	ND	0.001J	ND	ND
Naphthalene	ND	ND	1.2	ND	ND	ND	0.057J	ND	ND	ND
2-Methylnaphthalene	ND	ND	0.320J	ND	ND	ND	ND	ND	ND	ND
1-Methylnaphthalene	ND	ND	0.400J	ND	ND	ND	0.058J	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.073J
Acenaphthene	ND	ND	1.7	0.080	ND	ND	0.380	ND	ND	ND
Dibenzofuran	ND	ND	0.920	ND	ND	ND	0.130J	ND	ND	ND
Fluorene	ND	ND	1.4	0.067J	ND	ND	0.270J	ND	ND	0.042J
Phenanthrene	0.075J	ND	7.1	0.870	0.220J	0.320J	3.9	0.160J	0.660J	0.340J
Anthracene	ND	ND	2.5	0.180J	ND	ND	0.770	ND	0.130J	0.062J
Fluoranthene	0.120J	0.063J	7.1	1.3	0.420J	0.650J	6.4R ⁸	0.250J	1.2	0.530J
Pyrene	0.100J	0.060J	4.9	0.800	0.340J	0.560J	3.4	0.220J	0.940	0.500
Benzo(a)Anthracene	0.055J	ND	3.4	0.490	ND	0.330J	2.0	0.130J	0.480J	0.340J
Chrysene	0.057J	ND	2.9	0.460	0.210J	0.380J	1.9	0.140J	0.520J	0.330J
bis(2-Ethylhexyl)Phthalate	ND	0.110J	0.130J	ND	ND	ND	ND	ND	ND	ND
Benzo(b)Fluoranthene	0.089JX ⁹	0.063JX	4.7X	0.820X	0.340JX	0.630JX	3.9X	0.230J	0.950X	0.460
Benzo(k)Fluoranthene	0.089JX	0.063JX	4.7X	0.820X	0.340JX	0.630JX	3.9X	0.230J	0.950X	0.620
Benzo(a)Pyrene	0.041J	ND	2.5	0.440	ND	0.330J	2.1	0.130J	0.470J	0.320J
Indeno(1,2,3-cd)Pyrene	ND	ND	1.0	0.200J	0.069J	ND	1.2	0.059J	ND	0.180J
Dibenz(a,h)Anthracene	ND	ND	0.330J	0.045J	ND	ND	0.330J	ND	ND	ND
Benzo(g,h,i)Perylene	ND	ND	0.850	0.180J	ND	ND	1.2	0.061J	ND	0.190J
4,4'-DDD	NA ¹⁰	NA	NA	NA	0.006	NA	NA	NA	NA	ND
Aldrin	NA	NA	NA	NA	ND	NA	NA	NA	NA	0.0042
Endosulfan I	NA	NA	NA	NA	ND	NA	NA	NA	NA	0.0022
PCB-1260	NA	NA	NA	NA	ND	NA	NA	NA	NA	0.330

(See notes on page 3)

TABLE 7-3
(Cont'd.)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT SUMMARY FOR UNKAMET BROOK AREA/USEPA AREA 1

SUMMARY OF SURFICIAL SOILS APPENDIX IX+3 DATA¹
(Concentrations are presented in dry-weight ppm)

Parameter ^{2,3}	UOP3S-1	UOP3S-7	UOP3S-13	UOP3S-14	UOP3S-15 ⁴	UOP3S-16	UOP3S-17	UOP3S-18	UOP3S-19	UOP3S-20 ⁴
Total TCDD	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND
Total PeCDD	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND
Total HxCDD	NA	NA	NA	NA	ND	NA	NA	NA	NA	0.00013
Total HpCDD	NA	NA	NA	NA	ND	NA	NA	NA	NA	0.00014
Total OCDD	NA	NA	NA	NA	0.00078	NA	NA	NA	NA	0.00027
Total TCDF	NA	NA	NA	NA	ND	NA	NA	NA	NA	0.000054
Total PeCDF	NA	NA	NA	NA	ND	NA	NA	NA	NA	0.00031
Total HxCDF	NA	NA	NA	NA	0.00013	NA	NA	NA	NA	0.00018
Total HpCDF	NA	NA	NA	NA	0.00036	NA	NA	NA	NA	ND
Total OCDF	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND
Aluminum	NA	NA	NA	NA	15,800	NA	NA	NA	NA	10,600
Arsenic	NA	NA	NA	NA	3.9N ¹¹	NA	NA	NA	NA	7.9A ¹²
Barium	NA	NA	NA	NA	87.3	NA	NA	NA	NA	55.2
Beryllium	NA	NA	NA	NA	0.64B ^{*13}	NA	NA	NA	NA	0.46B
Calcium	NA	NA	NA	NA	3,320 ^{**14}	NA	NA	NA	NA	19,500 [*]
Chromium	NA	NA	NA	NA	26.6	NA	NA	NA	NA	15.2
Cobalt	NA	NA	NA	NA	11.5B	NA	NA	NA	NA	19.2
Copper	NA	NA	NA	NA	24.1	NA	NA	NA	NA	21.1
Iron	NA	NA	NA	NA	24,000	NA	NA	NA	NA	24,900
Lead	NA	NA	NA	NA	34.6 ^{**}	NA	NA	NA	NA	36.8 ^{**}
Magnesium	NA	NA	NA	NA	6,320	NA	NA	NA	NA	11,800
Manganese	NA	NA	NA	NA	536	NA	NA	NA	NA	656
Nickel	NA	NA	NA	NA	22.7	NA	NA	NA	NA	21.9
Potassium	NA	NA	NA	NA	1,440B [*]	NA	NA	NA	NA	909B [*]
Sodium	NA	NA	NA	NA	296B [*]	NA	NA	NA	NA	202B [*]
Vanadium	NA	NA	NA	NA	23.4	NA	NA	NA	NA	17.1
Zinc	NA	NA	NA	NA	97.1	NA	NA	NA	NA	84.0
Sulfides	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND

(See notes on page 3)

TEQ
2 x 10⁻⁴
↑
assumes worst-
case 2,578

2004
RCS
TEQ

TABLE 7-4
(Cont'd.)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT
SUMMARY FOR UNKAMET BROOK AREA/USEPA AREA 1

SUMMARY OF FLOODPLAIN SOILS APPENDIX IX+3 VOCs and SVOCs DATA¹
(Concentrations are presented in dry-weight ppm)

Parameter ^{2,3}	UFP2-R1	UFP2-R2	UFP2-R7	UFP3-R1	DUFPC-2 (UFP3-R1)	UFP3-R2	UFP3-R3	UFP3-R4	UFP3-R5	UFP3-R6	UFP3-R7	UFP3-R11
Anthracene	0.440J	0.091J	ND	0.098J	ND	ND	0.110J	0.150J	0.260J	ND	ND	ND
Di-n-Butylphthalate	0.130J	ND	ND	0.096J	ND	ND	3.8	21.0E	ND	ND	ND	ND
Fluoranthene	3.9	0.960	0.250J	0.470	0.400J	0.110J	0.750	2.1	6.4	0.210J	0.130J	0.310J
Pyrene	3.7	0.980	0.250J	0.540	0.430J	0.099J	0.690	2.1	5.8	0.170J	0.130J	0.350J
Butylbenzylphthalate	0.350J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)Anthracene	2.2	0.520J	0.120J	0.300J	0.220J	ND	0.470	0.840J	2.2	ND	ND	0.240J
Chrysene	2.5	0.700J	0.170J	0.400	0.350J	0.120J	0.510	1.5	3.8	0.130J	0.075J	0.280J
bis(2-Ethylhexyl)Phthalate	0.940	0.088J	ND	0.170J	0.200J	ND	0.450	ND	ND	ND	ND	ND
Benzo(b)Fluoranthene	0.079J	0.700J	0.300JX	0.300J	0.630J	ND	0.520	1.3	3.1	0.130J	0.068J	0.240J
Benzo(k)Fluoranthene	4.3X	0.450J	0.300JX	0.280J	0.630J	ND	0.400J	1.5	3.1	0.120J	0.100J	0.270J
Benzo(a)Pyrene	2.1	0.560J	0.140J	0.280J	0.290J	ND	0.450	1.2	2.9	0.120J	0.068J	0.200J
Indeno(1,2,3-cd)Pyrene	1.6	0.400J	0.099J	0.170J	ND	ND	0.150J	0.460J	1.0J	ND	ND	0.120J
Dibenz(a,h)Anthracene	0.780	0.180J	0.060J	0.086J	ND	ND	0.071J	0.200J	0.500J	ND	ND	0.079J
Benzo(g,h,i)Perylene	1.9	0.480J	0.110J	0.180J	ND	ND	0.140J	0.530J	1.1J	ND	ND	0.110J

Notes:

¹Samples were collected by Blasland & Bouck Engineers, P.C., during 4/9/91-4/11/91.

²All samples were submitted to IT Analytical Services for PCB analysis (see Table 7-2), and those samples which exhibited PID readings greater than 10 PID units were submitted to CompuChem Laboratories for Appendix IX+3 volatile and semi-volatile analyses.

³Only those parameters which were detected are summarized.

⁴ND = Not detected.

⁵B = Analyte was also detected in the associated method blank.

⁶J = Indicates an estimated value.

⁷X = Indicates coeluting isomers.

⁸R = Compound exceeded instrument calibration range.

GP-1 Metal Treatment Floor Sampling
(825.49.12)

TABLE 1

B SAMPLING RESULTS METHOD 8080

LAB ID	DATE SAMPLED	TOTAL POP PPM	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH	SEE FIGURE
<u>AREA 1</u>							
1-MTF-D1 (0-1')	5-18-93	<1.0	1	SOIL	FIELD-COMPOSITE	(0-1')	2
2-MTF-D1 (1-2')	5-18-93	<1.0	1	SOIL	FIELD-COMPOSITE	(1-2')	2
1-MTF-D1A	5-18-93	2.1	1	CONCRETE	DISCRETE-FULL CORE	(0-7")	2
<u>AREA 2</u>							
1-MTF-D2 (0-1')	5-18-93	<1.0	2	SOIL	FIELD-COMPOSITE	(0-1')	2
2-MTF-D2 (1-2')	5-18-93	<1.0	2	SOIL	FIELD-COMPOSITE	(1-2')	2
1-MTF-D2A	5-18-93	2.5	2	CONCRETE	DISCRETE-FULL CORE	(0-7")	2

F SAMPLING RESULTS (METALS ONLY)

LAB ID	DATE SAMPLED	TCLP (METALS ONLY)	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH	SEE FIGURE
<u>AREA 1 & 2</u>							
1-MTF-D3	5-18-93	SEE DFG LAB REPCRT	1 & 2	SOIL	FIELD-COMPOSITE	(0-2')	2

4323



PRELIMINARY Laboratory Report
 MAY 19 1993

CLIENT: BLASLAND & BOUCK ENGINEERS, P.C. Job No. 2887.026.520
 DESCRIPTION: G.E., Pittsfield Job No. 829.49.12
OP-1 Metal Treatment Floor Sampling
 Date Analyzed 5/18/93 DATE COLLECTED See Below DATE RECEIVED 5/18/93

Lab ID NO.	DATE EXTRACTED	DATE SAMPLED	SCREEN VALUE	PCTS	PCB	COMMENTS	QC RESULTS	
OP-1-MTF-C1 (0-1')	5/18/93	5/18/93	<1 (.114)	93	<1	soil	A	
OP-1-MTF-C1 (1-2')	↓	↓	<1 (.082)	92	<1	↓ concrete	↓ B	
OP-1-MTF-C1A					2.1			
OP-1-MTF-C2 (0-1')			<1 (.090)	94	<1	soil	A	
OP-1-MTF-C2 (1-2')			<1 (.077)	93	<1	↓ concrete	↓ B	
OP-1-MTF-C2A							2.5	
B. Reagent Blank 051893-1:					<1			
Reference Sample 051893-1:					2.2/3 = 73%			
A. Matrix Spike 7L-LPE-C1:					0.095/0.099 = 96%			
Matrix Spike Duplicate:					0.099/0.099 = 100%			
Precision:					0.095 vs 0.099 = 4.1% RPD			
Matrix Spike 40A-1-FZ:					2.2/3 = 73%			
Matrix Spike Duplicate:					2.2/3 = 73%			
Precision:					2.2 vs 2.2 = 0% RPD			

Comments:

Certification No.:

Units: mg/Kg = ppm

Authorized:

OP-1 DEMO-FOUNDATION & FLOOR
REMOVAL SAMPLING
(829.49.01)

TABLE 1

PCB SAMPLING RESULTS METHOD 8080

LAB ID	DATE SAMPLED	TOTAL PCB PPM	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH	SEE FIGURE
AREA 1							
OP-1-FRS-01	08-13-92	<1.0	1	SOIL	DISCRETE-BRAB	0-18"	2
OP-1-FRS-02	08-13-92	<1.0	2	CONCRETE	DISCRETE-FULL CORE	0-7"	2
OP-1-FRS-03	08-13-92	<1.0	3	CONCRETE	DISCRETE-FULL CORE	0-7"	2
OP-1-FRS-04	08-13-92	<1.0	4	CONCRETE	DISCRETE-FULL CORE	0-7"	2
AREA 2							
OP-1-FRS-05	08-13-92	<1.0	5	SOIL	DISCRETE-BRAB	0-18"	2
OP-1-FRS-06	08-13-92	<1.0	6	CONCRETE	DISCRETE-FULL CORE	0-7"	2
OP-1-FRS-07	08-13-92	<1.0	7	CONCRETE	DISCRETE-FULL CORE	0-7"	2
OP-1-FRS-08	08-13-92	<1.0	8	CONCRETE	DISCRETE-FULL CORE	0-7"	2
AREA 3							
OP-1-FRS-09	08-13-92	<1.0	9	SOIL	DISCRETE-BRAB	0-18"	2
OP-1-FRS-10	08-13-92	<1.0	10	CONCRETE	DISCRETE-FULL CORE	0-7"	2
OP-1-FRS-11	08-13-92	<1.0	11	CONCRETE	DISCRETE-FULL CORE	0-7"	2
OP-1-FRS-12	08-13-92	<1.0	12	CONCRETE	DISCRETE-FULL CORE	0-7"	2
AREA 4							
OP-1-FRS-13	08-13-92	<1.0	13	SOIL	DISCRETE-BRAB	0-18"	2
OP-1-FRS-14	08-13-92	<1.0	14	CONCRETE	DISCRETE-FULL CORE	0-7"	2
OP-1-FRS-15	08-13-92	<1.0	15	CONCRETE	DISCRETE-FULL CORE	0-7"	2
OP-1-FRS-16	08-13-92	<1.0	16	CONCRETE	DISCRETE-FULL CORE	0-7"	2

OP-1 DEMO-FOUNDATION & FLOOR
REMOVAL SAMPLING
(829.49.01)

TABLE 1 (con't)

PCB SAMPLING RESULTS METHOD 8080

LAB ID	DATE SAMPLED	TOTAL PCB PPM	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH	SEE FIGURE
AREA 5							
DP-1-FRS-017	08-18-92	<1.0	17	SOIL	DISCRETE-GRAB	0-18"	2
DP-1-FRS-018	08-18-92	<1.0	18	CONCRETE	DISCRETE-FULL CORE	0-7"	2
DP-1-FRS-019	08-18-92	<1.0	19	CONCRETE	DISCRETE-FULL CORE	0-7"	2
DP-1-FRS-020	08-18-92	<1.0	20	CONCRETE	DISCRETE-FULL CORE	0-7"	2
AREA 6							
DP-1-FRS-021	08-18-92	<1.0	21	SOIL	DISCRETE-GRAB	0-18"	2
DP-1-FRS-022	08-18-92	<1.0	22	CONCRETE	DISCRETE-FULL CORE	0-7"	2
DP-1-FRS-023	08-18-92	<1.0	23	CONCRETE	DISCRETE-FULL CORE	0-7"	2
DP-1-FRS-024	08-18-92	1.4	24	CONCRETE	DISCRETE-FULL CORE	0-7"	2
AREA 7							
DP-1-FRS-025	08-18-92	<1.0	25	SOIL	DISCRETE-GRAB	0-18"	2
DP-1-FRS-026	08-18-92	<1.0	26	CONCRETE	DISCRETE-FULL CORE	0-7"	2
DP-1-FRS-027	08-18-92	<1.0	27	CONCRETE	DISCRETE-FULL CORE	0-7"	2
DP-1-FRS-028	08-18-92	<1.0	28	CONCRETE	DISCRETE-FULL CORE	0-7"	2
AREA 8							
DP-1-FRS-029	08-18-92	<1.0	29	SOIL	DISCRETE-GRAB	0-18"	2
DP-1-FRS-030	08-18-92	4.5	30	CONCRETE	DISCRETE-FULL CORE	0-7"	2
DP-1-FRS-031	08-18-92	5.8	31	CONCRETE	DISCRETE-FULL CORE	0-7"	2
DP-1-FRS-032	08-18-92	<1.0	32	CONCRETE	DISCRETE-FULL CORE	0-5"	2

OP-1 FLOOR REMOVAL SAMPLING
(829.49.10)

TABLE 1

PCB SAMPLING RESULTS METHOD 8080

LAB ID	DATE SAMPLED	TOTAL PCB PPM	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH	SEE FIGURE
<u>AREA 1</u>							
OP-1-FR-01	2-2-93	<1.0	1	SOIL	FIELD-COMPOSITE	0-18"	2
OP-1-FR-1A	2-2-93	<1.0	1A	CONCRETE	DISCRETE-FULL CORE	0-7"	2
<u>AREA 2</u>							
OP-1-FR-02	2-2-93	<1.0	2	SOIL	FIELD-COMPOSITE	0-18"	2
OP-1-FR-02A	2-2-93	<1.0	2A	CONCRETE	DISCRETE-FULL CORE	0-7"	2
<u>AREA 3</u>							
OP-1-FR-03	2-2-93	<1.0	3	SOIL	FIELD-COMPOSITE	0-18"	2
OP-1-FR-03A	2-2-93	<1.0	3A	CONCRETE	DISCRETE-FULL CORE	0-7"	2
<u>AREA 4</u>							
OP-1-FR-04	2-2-93	6.0	4	SOIL	FIELD-COMPOSITE	0-18"	2
OP-1-FR-04A	2-2-93	2.3	4A	CONCRETE	DISCRETE-FULL CORE	0-7"	2
<u>AREA 5</u>							
OP-1-FR-05	2-3-93	<1.0	5	SOIL	FIELD-COMPOSITE	0-18"	2
OP-1-FR-05A	2-3-93	2.8	5A	CONCRETE	DISCRETE-FULL CORE	0-7"	2
<u>AREA 6</u>							
OP-1-FR-06	2-3-93	<1.0	6	SOIL	FIELD-COMPOSITE	0-18"	2
OP-1-FR-06A	2-3-93	<1.0	6A	CONCRETE	DISCRETE-FULL CORE	0-7"	2

DP-1 Access Ramp Sampling

829.49.14

Table 1

PCB SAMPLING RESULTS METHOD 8080

AREA ID	SAMPLE DATE	TOTAL PCB PPM	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH	SEE FIGURE
DP-1-ARS-D1	6-2-93		1	SOIL	FIELD-COMPOSITE	0-2'	2
DP-1-ARS-D2	6-2-93		2	SOIL	FIELD-COMPOSITE	0-2'	2



LABORATORIES, INC.

JUN 4 1993

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield Job No. 829-49-14

OP-1 Access Ramp Sampling

Date Analyzed 6/3/93 DATE COLLECTED See Below DATE RECEIVED 6/2/93

Lab ID NO.	DATE EXTRACTED	DATE SAMPLED	SCREEN VALUE	PCTS	PCB	COMMENTS	QC RESULTS
OP-1-ARS-C1 (0-2')	6/2/93	6/2/93	<20	88%	<23*	soil	A
OP-1-ARS-C2 (0-2')	↓	↓	<4.1	91%	<4.5*	↓	↓
b. Reagent Blank 060293-2:					<1		
Reference Sample 060293-2:					2.3/3 = 77%		
Matrix Spike OP-1-ARS-C1 (0-2'):					2.4/3 = 80%		
Matrix Spike Duplicate:					2.7/3 = 90%		
Precision:					2.4 vs 2.9 = 19% RPD		

Comments:

* elevated detection limits due to matrix interference.

Certification No.:

Units: mg/kg = ppm

Authorized: _____

Date: _____

=Esc=(1U=Esc=(s1p14.0v0s3b4101T

QUANTERRA INCORPORATED
PRELIMINARY DATA SUMMARY

=Esc=(8U=Esc=(s0p12.00h10.0v0s0b3T

Data have NOT been through final levels of review and are subject to change upon this review.
Actions taken on these Data are the responsibility of the Data user.

B4H150008
QUANTERRA, INC.
BAKER MARTIN MARIETTA

PAGE 1

PARAMETER	RESULT	REPORTING LIMIT	UNIT	METHOD	
SB-1.1					
Polychlorinated Biphenyls					Reviewed
PCB-1016	ND	1.2	mg/kg	SW846 8080	
PCB-1221	ND	1.2	mg/kg	SW846 8080	
PCB-1232	ND	1.2	mg/kg	SW846 8080	
PCB-1242	ND	1.2	mg/kg	SW846 8080	
PCB-1248	ND	1.2	mg/kg	SW846 8080	
PCB-1254	ND	1.2	mg/kg	SW846 8080	
PCB-1260	ND	1.2	mg/kg	SW846 8080	
Inorganic Analysis					Reviewed
Solids, Total (TS)	85.6	1.0	%	MCAWW 150.3	
SB-1.2					
Polychlorinated Biphenyls					Reviewed
PCB-1016	ND	1.1	mg/kg	SW846 8080	
PCB-1221	ND	1.1	mg/kg	SW846 8080	
PCB-1232	ND	1.1	mg/kg	SW846 8080	
PCB-1242	ND	1.1	mg/kg	SW846 8080	
PCB-1248	ND	1.1	mg/kg	SW846 8080	
PCB-1254	ND	1.1	mg/kg	SW846 8080	
PCB-1260	ND	1.1	mg/kg	SW846 8080	
Inorganic Analysis					Reviewed
Solids, Total (TS)	89.9	1.0	%	MCAWW 160.3	
SB-1.3					
Polychlorinated Biphenyls					Reviewed
PCB-1016	ND	1.0	mg/kg	SW846 8080	
PCB-1221	ND	1.0	mg/kg	SW846 8080	
PCB-1232	ND	1.0	mg/kg	SW846 8080	
PCB-1242	ND	1.0	mg/kg	SW846 8080	
PCB-1248	ND	1.0	mg/kg	SW846 8080	
PCB-1254	ND	1.0	mg/kg	SW846 8080	
PCB-1260	ND	1.0	mg/kg	SW846 8080	
Inorganic Analysis					Reviewed
Solids, Total (TS)	95.3	1.0	%	MCAWW 160.3	
SB-1.4					
Polychlorinated Biphenyls					Reviewed
PCB-1016	ND	1.0	mg/kg	SW846 8080	

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QUANTERRA INCORPORATED
PRELIMINARY DATA SUMMARY

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QUANTERRA, INC.
BAKER MARTIN MARIETTA

PAGE 2

PARAMETER	RESULT	REPORTING LIMIT	UNIT	METHOD	
SB-1.4					
Polychlorinated Biphenyls					Reviewed
PCB-1221	ND	1.0	mg/kg	SW846 8080	
PCB-1232	ND	1.0	mg/kg	SW846 8080	
PCB-1242	ND	1.0	mg/kg	SW846 8080	
PCB-1248	ND	1.0	mg/kg	SW846 8080	
PCB-1254	ND	1.0	mg/kg	SW846 8080	
PCB-1260	ND	1.0	mg/kg	SW846 8080	
Inorganic Analysis					Reviewed
Solids, Total (TS)	96.5	1.0	%	MCAWW 160.3	
SB-1.4X					
Polychlorinated Biphenyls					Reviewed
PCB-1016	ND	1.1	mg/kg	SW846 8080	
PCB-1221	ND	1.1	mg/kg	SW846 8080	
PCB-1232	ND	1.1	mg/kg	SW846 8080	
PCB-1242	ND	1.1	mg/kg	SW846 8080	
PCB-1248	ND	1.1	mg/kg	SW846 8080	
PCB-1254	ND	1.1	mg/kg	SW846 8080	
PCB-1260	ND	1.1	mg/kg	SW846 8080	
Inorganic Analysis					Reviewed
Solids, Total (TS)	95.2	1.0	%	MCAWW 160.3	
SB-1.5					
Polychlorinated Biphenyls					Reviewed
PCB-1016	** ND	1.0	mg/kg	SW846 8080	
PCB-1221	** ND	1.0	mg/kg	SW846 8080	
PCB-1232	** ND	1.0	mg/kg	SW846 8080	
PCB-1242	** ND	1.0	mg/kg	SW846 8080	
PCB-1248	** ND	1.0	mg/kg	SW846 8080	
PCB-1254	** ND	1.0	mg/kg	SW846 8080	
PCB-1260	** ND	1.0	mg/kg	SW846 8080	
SB-1.6					
Polychlorinated Biphenyls					Reviewed
PCB-1016	ND	1.1	mg/kg	SW846 8080	
PCB-1221	ND	1.1	mg/kg	SW846 8080	
PCB-1232	ND	1.1	mg/kg	SW846 8080	
PCB-1242	ND	1.1	mg/kg	SW846 8080	

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QUANTERRA INCORPORATED
PRELIMINARY DATA SUMMARY

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QUANTERRA, INC.
BAKER MARTIN MARIETTA

PAGE 3

PARAMETER	RESULT	REPORTING LIMIT	UNIT	METHOD	
SB-1.6					
Polychlorinated Biphenyls					Reviewed
PCB-1248	ND	1.1	mg/kg	SW846 8080	
PCB-1254	ND	1.1	mg/kg	SW846 8080	
PCB-1260	ND	1.1	mg/kg	SW846 8080	
Inorganic Analysis					Reviewed
Solids, Total (TS)	89.3	1.0	%	MCAWW 160.3	
SB-1.7					
Polychlorinated Biphenyls					Reviewed
PCB-1016	ND	1.1	mg/kg	SW846 8080	
PCB-1221	ND	1.1	mg/kg	SW846 8080	
PCB-1232	ND	1.1	mg/kg	SW846 8080	
PCB-1242	ND	1.1	mg/kg	SW846 8080	
PCB-1248	ND	1.1	mg/kg	SW846 8080	
PCB-1254	ND	1.1	mg/kg	SW846 8080	
PCB-1260	ND	1.1	mg/kg	SW846 8080	
Inorganic Analysis					Reviewed
Solids, Total (TS)	92.5	1.0	%	MCAWW 160.3	
SB-1.8					
Polychlorinated Biphenyls					Reviewed
PCB-1016	ND	1.2	mg/kg	SW846 8080	
PCB-1221	ND	1.2	mg/kg	SW846 8080	
PCB-1232	ND	1.2	mg/kg	SW846 8080	
PCB-1242	ND	1.2	mg/kg	SW846 8080	
PCB-1248	ND	1.2	mg/kg	SW846 8080	
PCB-1254	ND	1.2	mg/kg	SW846 8080	
PCB-1260	ND	1.2	mg/kg	SW846 8080	
Inorganic Analysis					Reviewed
Solids, Total (TS)	84.0	1.0	%	MCAWW 160.3	
SB-1.9					
Polychlorinated Biphenyls					Reviewed
PCB-1016	ND	1.1	mg/kg	SW846 8080	
PCB-1221	ND	1.1	mg/kg	SW846 8080	
PCB-1232	ND	1.1	mg/kg	SW846 8080	
PCB-1242	ND	1.1	mg/kg	SW846 8080	
PCB-1248	ND	1.1	mg/kg	SW846 8080	

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QUANTERRA INCORPORATED
PRELIMINARY DATA SUMMARY

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QUANTERRA, INC.
BAKER MARTIN MARIETTA

PAGE 4

PARAMETER	RESULT	REPORTING LIMIT	UNIT	METHOD	
SB-1.9					
Polychlorinated Biphenyls					Reviewed
PCB-1254	ND	1.1	mg/kg	SW846 8080	
PCB-1260	ND	1.1	mg/kg	SW846 8080	
Inorganic Analysis					Reviewed
Solids, Total (TS)	89.5	1.0	%	MCAWW 150.3	
SB-1.10					
Polychlorinated Biphenyls					Reviewed
PCB-1016	ND	1.1	mg/kg	SW846 8080	
PCB-1221	ND	1.1	mg/kg	SW846 8080	
PCB-1232	ND	1.1	mg/kg	SW846 8080	
PCB-1242	ND	1.1	mg/kg	SW846 8080	
PCB-1248	ND	1.1	mg/kg	SW846 8080	
PCB-1254	ND	1.1	mg/kg	SW846 8080	
PCB-1260	ND	1.1	mg/kg	SW846 8080	
Inorganic Analysis					Reviewed
Solids, Total (TS)	89.6	1.0	%	MCAWW 150.3	
SB-1.11					
Polychlorinated Biphenyls					Reviewed
PCB-1016	ND	1.1	mg/kg	SW846 8080	
PCB-1221	ND	1.1	mg/kg	SW846 8080	
PCB-1232	ND	1.1	mg/kg	SW846 8080	
PCB-1242	ND	1.1	mg/kg	SW846 8080	
PCB-1248	ND	1.1	mg/kg	SW846 8080	
PCB-1254	ND	1.1	mg/kg	SW846 8080	
PCB-1260	ND	1.1	mg/kg	SW846 8080	
Inorganic Analysis					Reviewed
Solids, Total (TS)	90.6	1.0	%	MCAWW 150.3	
SB-1.12					
Polychlorinated Biphenyls					Reviewed
PCB-1016	ND	1.1	mg/kg	SW846 8080	
PCB-1221	ND	1.1	mg/kg	SW846 8080	
PCB-1232	ND	1.1	mg/kg	SW846 8080	
PCB-1242	ND	1.1	mg/kg	SW846 8080	
PCB-1248	ND	1.1	mg/kg	SW846 8080	
PCB-1254	ND	1.1	mg/kg	SW846 8080	

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PRELIMINARY DATA SUMMARY

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QUANTERRA, INC.
BAKER MARTIN MARIETTA

PAGE 5

PARAMETER	RESULT	REPORTING LIMIT	UNIT	METHOD	
SB-1.12					
Polychlorinated Biphenyls					Reviewed
PCB-1260	ND	1.1	mg/kg	SW846 8080	
Inorganic Analysis					Reviewed
Solids, Total (TS)	89.2	1.0	%	MCAWW 160.3	
SB-2.1					
Polychlorinated Biphenyls					Reviewed
PCB-1016	ND	1.2	mg/kg	SW846 8080	
PCB-1221	ND	1.2	mg/kg	SW846 8080	
PCB-1232	ND	1.2	mg/kg	SW846 8080	
PCB-1242	ND	1.2	mg/kg	SW846 8080	
PCB-1248	ND	1.2	mg/kg	SW846 8080	
PCB-1254	ND	1.2	mg/kg	SW846 8080	
PCB-1260	ND	1.2	mg/kg	SW846 8080	
Inorganic Analysis					Reviewed
Solids, Total (TS)	86.8	1.0	%	MCAWW 160.3	
SB-2.2					
Polychlorinated Biphenyls					Reviewed
PCB-1016	ND	1.2	mg/kg	SW846 8080	
PCB-1221	ND	1.2	mg/kg	SW846 8080	
PCB-1232	ND	1.2	mg/kg	SW846 8080	
PCB-1242	ND	1.2	mg/kg	SW846 8080	
PCB-1248	ND	1.2	mg/kg	SW846 8080	
PCB-1254	ND	1.2	mg/kg	SW846 8080	
PCB-1260	ND	1.2	mg/kg	SW846 8080	
Inorganic Analysis					Reviewed
Solids, Total (TS)	85.2	1.0	%	MCAWW 160.3	
SB-2.3					
Polychlorinated Biphenyls					Reviewed
PCB-1016	ND	1.0	mg/kg	SW846 8080	
PCB-1221	ND	1.0	mg/kg	SW846 8080	
PCB-1232	ND	1.0	mg/kg	SW846 8080	
PCB-1242	ND	1.0	mg/kg	SW846 8080	
PCB-1248	ND	1.0	mg/kg	SW846 8080	
PCB-1254	ND	1.0	mg/kg	SW846 8080	
PCB-1260	ND	1.0	mg/kg	SW846 8080	

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QUANTERRA INCORPORATED
PRELIMINARY DATA SUMMARY

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BAKER MARTIN MARIETTA

PAGE 6

PARAMETER	RESULT	REPORTING LIMIT	UNIT	METHOD	
SB-2.3					
Polychlorinated Biphenyls					Reviewed
Inorganic Analysis					Reviewed
Solids, Total (TS)	95.3	1.0	%	MCAWW 150.3	
SB-2.4					
Polychlorinated Biphenyls					Reviewed
PCB-1016	ND	1.0	mg/kg	SW846 8080	
PCB-1221	ND	1.0	mg/kg	SW846 8080	
PCB-1232	ND	1.0	mg/kg	SW846 8080	
PCB-1242	ND	1.0	mg/kg	SW846 8080	
PCB-1248	ND	1.0	mg/kg	SW846 8080	
PCB-1254	ND	1.0	mg/kg	SW846 8080	
PCB-1260	ND	1.0	mg/kg	SW846 8080	
Inorganic Analysis					Reviewed
Solids, Total (TS)	95.6	1.0	%	MCAWW 150.3	
SB-2.5					
Polychlorinated Biphenyls					Reviewed
PCB-1016	** ND	1.0	mg/kg	SW846 8080	
PCB-1221	** ND	1.0	mg/kg	SW846 8080	
PCB-1232	** ND	1.0	mg/kg	SW846 8080	
PCB-1242	** ND	1.0	mg/kg	SW846 8080	
PCB-1248	** ND	1.0	mg/kg	SW846 8080	
PCB-1254	** ND	1.0	mg/kg	SW846 8080	
PCB-1260	** ND	1.0	mg/kg	SW846 8080	
SB-2.5X					
Polychlorinated Biphenyls					Reviewed
PCB-1016	ND	1.1	mg/kg	SW846 8080	
PCB-1221	ND	1.1	mg/kg	SW846 8080	
PCB-1232	ND	1.1	mg/kg	SW846 8080	
PCB-1242	ND	1.1	mg/kg	SW846 8080	
PCB-1248	ND	1.1	mg/kg	SW846 8080	
PCB-1254	ND	1.1	mg/kg	SW846 8080	
PCB-1260	ND	1.1	mg/kg	SW846 8080	
Inorganic Analysis					Reviewed
Solids, Total (TS)	88.8	1.0	%	MCAWW 150.3	
SB-2.6					

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QUANTERRA INCORPORATED
PRELIMINARY DATA SUMMARY

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BAKER MARTIN MARIETTA

PAGE 7

PARAMETER	RESULT	REPORTING LIMIT	UNIT	METHOD	
SB-2.6					
Inorganic Analysis					Reviewed
Polychlorinated Biphenyls					Reviewed
PCB-1016	ND	1.1	mg/kg	SW846 8080	
PCB-1221	ND	1.1	mg/kg	SW846 8080	
PCB-1232	ND	1.1	mg/kg	SW846 8080	
PCB-1242	ND	1.1	mg/kg	SW846 8080	
PCB-1248	ND	1.1	mg/kg	SW846 8080	
PCB-1254	ND	1.1	mg/kg	SW846 8080	
PCB-1260	ND	1.1	mg/kg	SW846 8080	
Inorganic Analysis					Reviewed
Solids, Total (TS)	93.5	1.0	%	MCAWW 160.3	
SB-2.7					
Polychlorinated Biphenyls					Reviewed
PCB-1016	ND	1.1	mg/kg	SW846 8080	
PCB-1221	ND	1.1	mg/kg	SW846 8080	
PCB-1232	ND	1.1	mg/kg	SW846 8080	
PCB-1242	ND	1.1	mg/kg	SW846 8080	
PCB-1248	ND	1.1	mg/kg	SW846 8080	
PCB-1254	ND	1.1	mg/kg	SW846 8080	
PCB-1260	ND	1.1	mg/kg	SW846 8080	
Inorganic Analysis					Reviewed
Solids, Total (TS)	90.0	1.0	%	MCAWW 160.3	
SB-2.8					
Polychlorinated Biphenyls					Reviewed
PCB-1016	ND	1.1	mg/kg	SW846 8080	
PCB-1221	ND	1.1	mg/kg	SW846 8080	
PCB-1232	ND	1.1	mg/kg	SW846 8080	
PCB-1242	ND	1.1	mg/kg	SW846 8080	
PCB-1248	ND	1.1	mg/kg	SW846 8080	
PCB-1254	ND	1.1	mg/kg	SW846 8080	
PCB-1260	ND	1.1	mg/kg	SW846 8080	
Inorganic Analysis					Reviewed
Solids, Total (TS)	87.5	1.0	%	MCAWW 160.3	
SB-2.9					
Polychlorinated Biphenyls					Reviewed

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QUANTERRA INCORPORATED
PRELIMINARY DATA SUMMARY

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QUANTERRA, INC.
BAKER MARTIN MARIETTA

PAGE 8

PARAMETER	RESULT	REPORTING LIMIT	UNIT	METHOD	
SB-2.9					
Polychlorinated Biphenyls					Reviewed
PCB-1016	ND	1.1	mg/kg	SW846 8080	
PCB-1221	ND	1.1	mg/kg	SW846 8080	
PCB-1232	ND	1.1	mg/kg	SW846 8080	
PCB-1242	ND	1.1	mg/kg	SW846 8080	
PCB-1248	ND	1.1	mg/kg	SW846 8080	
PCB-1254	ND	1.1	mg/kg	SW846 8080	
PCB-1260	ND	1.1	mg/kg	SW846 8080	
Inorganic Analysis					Reviewed
Solids, Total (TS)	87.1	1.0	%	MCAWW 150.3	
SB-2.10					
Polychlorinated Biphenyls					Reviewed
PCB-1016	ND	1.1	mg/kg	SW846 8080	
PCB-1221	ND	1.1	mg/kg	SW846 8080	
PCB-1232	ND	1.1	mg/kg	SW846 8080	
PCB-1242	ND	1.1	mg/kg	SW846 8080	
PCB-1248	ND	1.1	mg/kg	SW846 8080	
PCB-1254	ND	1.1	mg/kg	SW846 8080	
PCB-1260	ND	1.1	mg/kg	SW846 8080	
Inorganic Analysis					Reviewed
Solids, Total (TS)	90.3	1.0	%	MCAWW 150.3	
SB-2.11					
Polychlorinated Biphenyls					Reviewed
PCB-1016	ND	1.2	mg/kg	SW846 8080	
PCB-1221	ND	1.2	mg/kg	SW846 8080	
PCB-1232	ND	1.2	mg/kg	SW846 8080	
PCB-1242	ND	1.2	mg/kg	SW846 8080	
PCB-1248	ND	1.2	mg/kg	SW846 8080	
PCB-1254	ND	1.2	mg/kg	SW846 8080	
PCB-1260	ND	1.2	mg/kg	SW846 8080	
Inorganic Analysis					Reviewed
Solids, Total (TS)	85.5	1.0	%	MCAWW 150.3	
SB-2.12					
Polychlorinated Biphenyls					Reviewed
PCB-1016	ND	1.1	mg/kg	SW846 8080	

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QUANTERRA INCORPORATED
PRELIMINARY DATA SUMMARY

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QUANTERRA, INC.
BAKER MARTIN MARIETTA

PAGE 9

PARAMETER	RESULT	REPORTING LIMIT	UNIT	METHOD	
SB-2.12					
Polychlorinated Biphenyls					Reviewed
PCB-1221	ND	1.1	mg/kg	SW846 8080	
PCB-1232	ND	1.1	mg/kg	SW846 8080	
PCB-1242	ND	1.1	mg/kg	SW846 8080	
PCB-1248	ND	1.1	mg/kg	SW846 8080	
PCB-1254	ND	1.1	mg/kg	SW846 8080	
PCB-1260	ND	1.1	mg/kg	SW846 8080	
Inorganic Analysis					Reviewed
Solids, Total (TS)	89.1	1.0	%	MCAWW 150.3	
SB-1.4C					
Base/Neutrals and Acids					Reviewed
1,2,4-Trichlorobenzene	ND	440	ug/kg	SW846 8270	
Inorganic Analysis					Reviewed
Solids, Total (TS)	74.2	1.0	%	MCAWW 150.3	
SB-1.9C					
Base/Neutrals and Acids					Reviewed
1,2,4-Trichlorobenzene	ND	390	ug/kg	SW846 8270	
Inorganic Analysis					Reviewed
Solids, Total (TS)	84.9	1.0	%	MCAWW 150.3	
SB-1.10C					
Base/Neutrals and Acids					Reviewed
1,2,4-Trichlorobenzene	ND	390	ug/kg	SW846 8270	
Inorganic Analysis					Reviewed
Solids, Total (TS)	84.1	1.0	%	MCAWW 150.3	
SB-1.12C					
Base/Neutrals and Acids					Reviewed
1,2,4-Trichlorobenzene	ND	370	ug/kg	SW846 8270	
Inorganic Analysis					Reviewed
Solids, Total (TS)	88.9	1.0	%	MCAWW 150.3	

Baker Environmental/Martin Marietta
 Date: 08/18/94
 Job Number: Q408142
 Client Project ID: 965188

IT ANALYTICAL SERVICES
 5103 OLD WILLIAM PENN HIGHWAY
 EXPORT, PA 15632
 (412) 731-8806

Volatile Organic Compounds

Client Sample ID: SB-1.4B
 Sample Date: 08/09/94
 Lab Sample ID: Q40814201
 Analysis Date: 08/15/94

Compound	Concentration µg/Kg	Compound	Concentration µg/Kg
Chloromethane	ND11	cis-1,3-Dichloropropene	ND6
Bromomethane	ND11	Trichloroethene	ND6
Vinyl chloride	ND11	Dibromochloromethane	ND6
Chloroethane	ND11	1,1,2-Trichloroethane	ND6
Methylene chloride	ND6	Benzene	ND6
Acetone	ND110	trans-1,3-Dichloropropene	ND6
Carbon disulfide	ND6	2-Chloroethylvinylether	ND11
1,1-Dichloroethene	ND6	Bromoform	ND6
1,1-Dichloroethane	ND6	4-Methyl-2-pentanone	ND56
1,2-Dichloroethene (trans)	ND6	2-Hexanone	ND56
Chloroform	ND6	Tetrachloroethene	ND6
1,2-Dichloroethane	ND6	1,1,2,2-Tetrachloroethane	ND6
2-Butanone	ND110	Toluene	ND6
1,1,1-Trichloroethane	ND6	Chlorobenzene	ND6
Carbon tetrachloride	ND6	Ethylbenzene	ND6
Vinyl acetate	ND56	Styrene	ND6
Bromodichloromethane	ND6	Xylenes (total)	ND6
1,2-Dichloropropane	ND6		

Surrogate Spike
 Percent Recovery

Toluene-d ₈	101%
Bromofluorobenzene	97%
1,2-Dichloroethane-d ₄	106%

Baker Environmental/Martin Marietta
 Date: 08/18/94
 Job Number: Q408142
 Client Project ID: 965188

IT ANALYTICAL SERVICES
 5103 OLD WILLIAM PENN HIGHWAY
 EXPORT, PA 15632
 (412) 731-8806

Volatile Organic Compounds

Client Sample ID: SB-1.9B
 Sample Date: 08/09/94
 Lab Sample ID: Q40814202
 Analysis Date: 08/15/94

Compound	Concentration µg/Kg	Compound	Concentration µg/Kg
Chloromethane	ND12	cis-1,3-Dichloropropene	ND6
Bromomethane	ND12	Trichloroethene	ND6
Vinyl chloride	ND12	Dibromochloromethane	ND6
Chloroethane	ND12	1,1,2-Trichloroethane	ND6
Methylene chloride	ND6	Benzene	ND6
Acetone	ND120	trans-1,3-Dichloropropene	ND6
Carbon disulfide	ND6	2-Chloroethylvinylether	ND12
1,1-Dichloroethene	ND6	Bromoform	ND6
1,1-Dichloroethane	ND6	4-Methyl-2-pentanone	ND59
1,2-Dichloroethene (trans)	ND6	2-Hexanone	ND59
Chloroform	ND6	Tetrachloroethene	ND6
1,2-Dichloroethane	ND6	1,1,2,2-Tetrachloroethane	ND6
2-Butanone	ND120	Toluene	ND6
1,1,1-Trichloroethane	ND6	Chlorobenzene	ND6
Carbon tetrachloride	ND6	Ethylbenzene	ND6
Vinyl acetate	ND59	Styrene	ND6
Bromodichloromethane	ND6	Xylenes (total)	ND6
1,2-Dichloropropane	ND6		

Surrogate Spike
 Percent Recovery

Toluene-d ₈	104%
Bromofluorobenzene	105%
1,2-Dichloroethane-d ₄	106%

Baker Environmental/Martin Marietta
 Date: 08/18/94
 Job Number: Q408142
 Client Project ID: 965188

IT ANALYTICAL SERVICES
 5103 OLD WILLIAM PENN HIGHWAY
 EXPORT, PA 15632
 (412) 731-8806

Volatile Organic Compounds

Client Sample ID: SB-1.10B
 Sample Date: 08/09/94
 Lab Sample ID: Q40814203
 Analysis Date: 08/16/94

Compound	Concentration µg/Kg	Compound	Concentration µg/Kg
Chloromethane	ND12	cis-1,3-Dichloropropene	ND6
Bromomethane	ND12	Trichloroethene	ND6
Vinyl chloride	ND12	Dibromochloromethane	ND6
Chloroethane	ND12	1,1,2-Trichloroethane	ND6
Methylene chloride	ND6	Benzene	ND6
Acetone	ND120	trans-1,3-Dichloropropene	ND6
Carbon disulfide	ND6	2-Chloroethylvinylether	ND12
1,1-Dichloroethene	ND6	Bromoform	ND6
1,1-Dichloroethane	ND6	4-Methyl-2-pentanone	ND60
1,2-Dichloroethene (trans)	ND6	2-Hexanone	ND60
Chloroform	ND6	Tetrachloroethene	ND6
1,2-Dichloroethane	ND6	1,1,2,2-Tetrachloroethane	ND6
2-Butanone	ND120	Toluene	ND6
1,1,1-Trichloroethane	ND6	Chlorobenzene	ND6
Carbon tetrachloride	ND6	Ethylbenzene	ND6
Vinyl acetate	ND60	Styrene	ND6
Bromodichloromethane	ND6	Xylenes (total)	ND6
1,2-Dichloropropane	ND6		

Surrogate Spike
 Percent Recovery

Toluene-d ₈	102%
Bromofluorobenzene	96%
1,2-Dichloroethane-d ₄	105%

Baker Environmental/Martin Marietta
 Date: 08/18/94
 Job Number: Q408142
 Client Project ID: 965188

IT ANALYTICAL SERVICES
 5103 OLD WILLIAM PENN HIGHWAY
 EXPORT, PA 15632
 (412) 731-8806

 Volatile Organic Compounds

Client Sample ID: SB-1.12B
 Sample Date: 08/09/94
 Lab Sample ID: Q40814204
 Analysis Date: 08/16/94

Compound	Concentration µg/Kg	Compound	Concentration µg/Kg
Chloromethane	ND12	cis-1,3-Dichloropropene	ND6
Bromomethane	ND12	Trichloroethene	ND6
Vinyl chloride	ND12	Dibromochloromethane	ND6
Chloroethane	ND12	1,1,2-Trichloroethane	ND6
Methylene chloride	ND6	Benzene	ND6
Acetone	ND120	trans-1,3-Dichloropropene	ND6
Carbon disulfide	ND6	2-Chloroethylvinylether	ND12
1,1-Dichloroethene	ND6	Bromoform	ND6
1,1-Dichloroethane	ND6	4-Methyl-2-pentanone	ND62
1,2-Dichloroethene (trans)	ND6	2-Hexanone	ND62
Chloroform	ND6	Tetrachloroethene	ND6
1,2-Dichloroethane	ND6	1,1,2,2-Tetrachloroethane	ND6
2-Butanone	ND120	Toluene	ND6
1,1,1-Trichloroethane	ND6	Chlorobenzene	ND6
Carbon tetrachloride	ND6	Ethylbenzene	ND6
Vinyl acetate	ND62	Styrene	ND6
Bromodichloromethane	ND6	Xylenes (total)	ND6
1,2-Dichloropropane	ND6		

Surrogate Spike
 Percent Recovery

Toluene-d ₈	100%
Bromofluorobenzene	104%
1,2-Dichloroethane-d ₄	87%

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BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
 From: Robert W. Rhoades
 Re: OP-1, OP-2, Hydrant Replacement Sampling

Date: 9/11/89
 File No: 101-72-16
 cc: Grant Bowman (GE)

The following is a summary of the sample results for the P.C.B. sampling conducted on 09/7/89 outside Bldg. OP-1 and Bldg. OP-2. A drawing showing the site location along with the sample locations is attached (see Figure 1,2). An Analytical Report provided by DBG Laboratories has also been included.

PCB SAMPLING RESULTS

LAB ID	TOTAL PCB PPM	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE
ORD-HYD-C1	<5	. 14 Refer to GE Dwg.F-PL-375	CONCRETE	DISCRETE-CORE
ORD-HYD-C2	<5	. 14 Refer to GE Dwg.F-PL-375	ASPHALT	DISCRETE-GRAB
ORD-HYD-C3	<5	42 Refer to GE Dwg.F-PL-375	CONCRETE	DISCRETE-CORE
ORD-HYD-C4	<5	46 Refer to GE Dwg.F-PL-375	ASPHALT	DISCRETE-GRAB
ORD-HYD-C5	<5	49 Refer to GE Dwg.F-PL-375	ASPHALT	DISCRETE-GRAB
ORD-HYD-C6	<5	49 Refer to GE Dwg.F-PL-375	SOIL	DISCRETE-GRAB
ORD-HYD-C7	<5	51 Refer to GE Dwg.F-PL-375	ASPHALT	DISCRETE-GRAB
ORD-HYD-C8	<5	51 Refer to GE Dwg.F-PL-375	SOIL	DISCRETE-GRAB
ORD-HYD-C9	<5	. 25 Refer to GE Dwg.F-PL-375	ASPHALT	DISCRETE-GRAB
ORD-HYD-C10	<5	. 27 Refer to GE Dwg.F-PL-375	ASPHALT	DISCRETE-GRAB

ORD-HYD-C11	<5	27 Refer to GE Dwg.F-PL-375	CONCRETE	DISCRETE-GRAB
ORD-HYD-C12	<5	27 Refer to GE Dwg.F-PL-375	SOIL	DISCRETE-GRAB
ORD-HYD-C13	<5	17 Refer to GE Dwg.F-PL-375	CONCRETE	DISCRETE-GRAB
ORD-51-C14	<5	18 (Soil Pile at South end of Bldg.51)	SOIL	DISCRETE-GRAB

RWR/bee



Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield Job No. 101.72.16

DATE COLLECTED See Below DATE REC'D. 9-7-89 DATE ANALYZED 9-7,8-89

LAB ID NO.	DATE SAMPLED	PCB mg/kg dry weight	COMMENTS	QC RESULTS
ORD-HYD-C1	9-7-89	<5.	Concrete	A
ORD-HYD-C2		<5.	Asphalt	
ORD-HYD-C3		<5.	Concrete	
ORD-HYD-C4		<5.	Asphalt	
ORD-HYD-C5		<5.	Asphalt	
ORD-HYD-C6		<5.	Soil	
ORD-HYD-C7		<5.	Asphalt	
ORD-HYD-C8		<5.	Soil	
ORD-HYD-C9		<5.	Asphalt	
ORD-HYD-C10		<5.	Asphalt	
ORD-HYD-C11		<5.	Concrete	
ORD-HYD-C12		<5.	Soil	
ORD-HYD-C13		<5.	Concrete	
ORD-HYD-C14		<5.	Soil	
A) Duplicate of ORD-HYD-C1		<5.	vs. <5.	
Matrix Spike of ORD-HYD-C14		3.94/3.34	= 118% Recovery	
Lab Blank 1	9-7-89	<5.		
Lab Blank 2	9-7-89	<5.		

Methodology: Federal Register — 40 CFR, Part 136, October 26, 1984

Units: mg/l (ppm) unless otherwise noted

Comments:

Authorized: *[Signature]*

OBG Laboratories, Inc., an O'Brien & Gere Limited Company
Box 4942 / 1304 Buckley Rd. / Syracuse, NY 13221 / (315) 457-1494

Date: October 3, 1989

ATTACHMENT 2

WAREHOUSE 1-B

The following is a summary of the sample results for the two areas sampled at the Warehouse-1B. A drawing showing sampling locations is attached (see Figure 2), along with a copy of the certificate of analysis from IT Analytical Services.

<u>SAMPLE ID</u>	<u>TOTAL PCB</u>	<u>SAMPLE MATERIAL</u>	<u>SAMPLE LOCATION</u>	<u>SAMPLE DEPTH</u>	<u>SAMPLE TYPE</u>
1-C1-F1	1.0 ppm	Asphalt Floor	1 thru 13	0' to 0.2'	Floor Composite
1-C2-A1	4.8 ppm	Dust & Dirt	1 thru 12	Surface of Beam & Lights	Appurtenance Composite Scrape
1-C3-F2	0.31 ppm	Soil	2,8,9,11	0.3' to 0.5'	Composite
1-C4-F5	0.08 ppm	Soil	2,8,9,11	1.5' to 2.0'	Composite
1-C5	< 0.05 ppm	Soil	8,9	5.5' to 6.0'	Composite
1-C6-F1	< 0.05 ppm	Concrete	17,18	0' to 0.5'	Foundation Composite
1-C7-F1	0.52 ppm	Soil	14,15,16	0' to 0.5'	Composite
1-C8-F4	< 0.05 ppm	Soil	14,15,16	1.5' to 2.0'	Composite



CERTIFICATE OF ANALYSIS

Blasland & Bouck Engineers
ATTN: Robert W. Rhoades
5793 Widewaters Parkway
Box 66
Syracuse, NY 13214

DATE REPORTED: July 3, 1986
PROJECT CODE: BLB 22600
ORDER NUMBER: 101.34.03
PAGE 1 OF 1

Sample Description: Eight (8) solid samples and one (1) QA/QC sample received
June 27, 1986

concentration units are ug/gram (ppm) dry weight basis

	<u>Aroclor 1242 and/or 1016</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
1B-1-C1-F1 (QA/QC)	0.13	0.19	0.7	1.0
1B-1-C2-A1	<0.05	1.1	3.7	4.8
1B-1-C3-F2	<0.05	<0.05	0.31	0.31
1B-1-C4-F5	<0.05	<0.05	0.08	0.08
1B-1-C5	<0.05	<0.05	<0.05	<0.05
1B-1-C6-F1	<0.05	<0.05	<0.05	<0.05
1B-1-C7-F1	<0.05	0.13	0.39	0.52
1B-1-C8-F4	<0.05	<0.05	<0.05	<0.05
1B-1-C1-F1 (QA/QC)	0.14	0.27	0.37	0.78

Sworn to and subscribed before me this 3rd
day of July, 1986
My commission expires January 16, 1988

James E. Struett
Notary Public

Alvin R. Moore
Approved by _____
Laboratory Manager
Title _____

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ATTACHMENT 2

Warehouse 1B

The following is a summary of the sample results for the sampling conducted in Warehouse 1B. A drawing showing the sampling locations is attached (see Figure 5). A lab data record sheet provided by the General Electric Pittsfield Laboratory has also been included.

<u>Lab ID</u>	<u>Total PCB</u>	<u>Sample Material</u>	<u>Sample Location</u>	<u>Sample¹ Depth</u>	<u>Sample Type</u>
1B-1-C1	<1.0 ppm	Bituminous Concrete	1 thru 18	0' to .34'	Floor Composite
1B-1-C2	<1.0 ppm	Soil	19,20,21	0' to 0.5'	Composite
1B-1-C3	<1.0 ppm	Soil	19,20,21	1.5' to 2.0'	Composite

¹ Note: Sample depths for soils are referenced from the surface of the soil directly beneath the existing bituminous concrete floor.

(DI)

(42)

ATTACHMENT 1

pedestrian Crossing Light

The following is a summary of the sample results for the proposed pedestrian crossing light on Plastic Ave. A drawing showing sampling locations is attached (see Figure 1), along with a copy of the certificate of analysis from IT Analytical Services.

<u>LAB ID</u>	<u>TOTAL PCB</u>	<u>SAMPLE MATERIAL</u>	<u>SAMPLE LOCATION</u>	<u>SAMPLE DEPTH</u>	<u>SAMPLE TYPE</u>
OP-1-PCL-C1	0.46 ppm	Soil	1,2,3,4,5,6,7,8	0' to 1.0'	Composite
OP-1-PCL-C2	< 0.05 ppm	Concrete Pavement	2A	0' to 0.8'	Composite
OP-1-PCL-C3	0.81 ppm	Asphalt Pavement	2	0' to 0.45'	Composite
OP-1-PCL-C4	0.18 ppm	Soil	1,2,3,4,5,6,7,8	2.5' to 3.0'	Composite
OP-1-PCL-C5	< 0.3 ppm	Soil	1,3,6	5.0' to 5.5'	Composite
OP-1-PCL-C6	< 0.05 ppm	Soil	3	8.5' to 9.0'	Discrete
OP-1-PCL-C7	< 0.05 ppm	Soil	6	6.0' to 6.5'	Discrete

Notes:

Depths below existing grade

For Lab ID OP-1-PCL-C1, at sample location 2, soil was collected from a depth of 0.45' to 1.0'





INTERNATIONAL
TECHNOLOGY
CORPORATION

ANALYTICAL SERVICES

5815 Middlebrook Pike • Knoxville, Tennessee 37921 • 615-588-6401



CERTIFICATE OF ANALYSIS

TO: Blasland & Bouck Engineers
ATTN: Robert W. Rhoades
5793 Widewaters Parkway
Box 66
Syracuse, NY 13214

DATE REPORTED: June 30, 1986
PROJECT CODE: BLB 22593
ORDER NUMBER: 101.34.01
PAGE 1 OF 1

Sample Description: Seven (7) solid samples, one (1) blank, and one (1) split received June 26, 1986

Concentration units are ug/gram (ppm) (dry weight basis) unless otherwise stated

	Aroclor 1242 and/or 1016	Aroclor 1254	Aroclor 1260	Total Aroclors
-1-PCL-C5	<0.1**	<0.3**	<0.05	<0.3
-1-PCL-C6	<0.05	<0.05	<0.05	<0.05
OP-1-PCL-C7	<0.05	<0.05	<0.05	<0.05
-1-PCL-C8 (Blank) (total ug)	<2.	<2.	<2.	<2.
-1-PCL-C4 (QA/QC)	<0.05	<0.05	0.1	0.1
UP-1-PCL-C2	<0.05	<0.05	<0.05	<0.05
OP-1-PCL-C3	<0.05	0.29	0.52	0.81
-1-PCL-C1	<0.05	<0.1	0.46	0.46
-1-PCL-C4 (QA/QC)	<0.05	0.06	0.12	0.18

See Attachment

I have read and subscribed before me this 30th
of June, 1986

My commission expires January 16, 1988

James S. Aruff
Notary Public

Alger L. Moore
Approved by
Laboratory Manager

Title

BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
 From: Robert W. Rhoades
 Re: Plastics Sampling Program Bldg.51/51A

Date: 6/13/89
 File No: 101-85-01
 cc: Grant Bowman (GE)
 Kristen Begor (GE)

The following is a summary of the sample results for the P.C.B. sampling conducted on 5/31/89 through 6/3/89 at Bldg.51/51A. A drawing showing the sample location is attached (see Figure 1). An Analytical Report provided by IT Analytical Services has also been included.

PCB SAMPLING RESULTS

LAB ID	TOTAL PCB PPM	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH	SAMPLE DATE
51-1-C1A	1.4	1	SOIL	DISCRETE-GRAB	0'-2'	5/31/89
51-1-C2A	2.9	2	SOIL	DISCRETE-GRAB	0'-2'	5/31/89
51-1-C3A	0.07	3	SOIL	DISCRETE-GRAB	0'-2'	5/31/89
51-1-C4A	<0.05	4	SOIL	DISCRETE-GRAB	0'-2'	5/31/89
51-1-C5A	0.06	5	SOIL	DISCRETE-GRAB	0'-2'	5/31/89
51-1-C6A	0.08	6	SOIL	DISCRETE-GRAB	0'-2'	6/1/89
51-1-C7A	<0.05	7	SOIL	DISCRETE-GRAB	0'-2'	6/1/89
51-1-C8A	<0.05	8	SOIL	DISCRETE-GRAB	0'-2'	6/2/89
51-1-C8C	<0.05	8	SOIL	DISCRETE-GRAB	2'-4'	6/2/89
51-1-C9A	<0.05	9	SOIL	DISCRETE-GRAB	0'-2'	6/2/89
51-1-C9C	<0.05	9	SOIL	DISCRETE-GRAB	2'-4'	6/2/89
51-1-C10A	<0.05	10	SOIL	DISCRETE-GRAB	0'-2'	6/1/89
51-1-C11A	0.13	11	SOIL	DISCRETE-GRAB	0'-2'	6/1/89
51-1-C12A	<0.05	12	SOIL	DISCRETE-GRAB	0'-2'	6/1/89
51-1-C13A	<0.05	13	SOIL	DISCRETE-GRAB	0'-2'	6/1/89
51-1-C14A	<0.05	14	SOIL	DISCRETE-GRAB	0'-2'	6/1/89
51-1-C15A	<0.05	15	SOIL	DISCRETE-GRAB	0'-2'	6/1/89
51A-1-C16A	<0.05	16	SOIL	DISCRETE-GRAB	0'-2'	6/2/89

ANALYTICAL REPORT
TRANSFORMER LABORATORY

CODE P3536 PG. 2 OF 3

DATE 9/5/86

REQUESTED BY: MARK VALENTINE / JOHN HURST

SAMPLE DESIGNATION	PCB CONCENTRATION
X11	< 1 PPM
X12	
X13	
X14	
TA	
TB1	
TB2	
TB3	
TB4	
TB5	

COMMENTS: _____

DATE 9/5/86

APPROVED *Low Pettibony*

DISTRIBUTION: Requestor
Main File

ATTACHMENT 1

BUILDING OP-59 EQUIPMENT FOUNDATION

The following is a summary of the sample results for the area sampled at Building OP-59. A drawing showing the sample location is attached (see Figure 1). An analytical report provided by OBG Laboratories has also been included.

PCB SAMPLING RESULTS

<u>LAB ID</u>	<u>TOTAL PCB SAMPLE (PPM)</u>	<u>SAMPLE MATERIAL</u>	<u>SAMPLE LOCATION</u>	<u>SAMPLE DEPTH</u>	<u>SAMPLE TYPE</u>
OP-59-C17	<5	Soil	#7,8,9,10	0"-6"	Composite ¹
OP-59-C18	<5	Soil	#7,8,9,10	3.0'-3.5'	Composite ¹

Notes:

1 Composite of equal weights

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REMOVED -
GRANT BOWMAN (GE)
8-15-91

BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
From: Bruce Eulian
Re: Bldg-130 Existing Pavers Sampling

Date: 8-15-91
File No: 101-75-04
cc: Grant Bowman (GE)
Jackie Desantis (GE)

The following is a summary of the sample results for the PCB sampling program conducted outside Bldg 130 on 7-16-91. A drawing showing the sample location is attached (see figure 1). A (preliminary) analytical report provided by DBG Laboratories has also been included.

PCB SAMPLING RESULTS METHOD 8080

LAB ID	TOTAL PCB PPM	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH
BLDG-130-EP-C1	<.6	1	SOIL	DISCRETE-GRAB	0'-2'
BLDG-130-EP-C2	<.6	2	SOIL	DISCRETE-GRAB	0'-2'
BLDG-130-EP-C3	<.6	3	SOIL	DISCRETE-GRAB	0'-2'
BLDG-130-EP-C4	<.6	4	SOIL	DISCRETE-GRAB	0'-2'
BLDG-130-EP-C5	<.6	5	SOIL	DISCRETE-GRAB	0'-2'
BLDG-130-EP-C6	<.6	6	SOIL	DISCRETE-GRAB	0'-2'
BLDG-130-EP-C7	<.6	7	SOIL	DISCRETE-GRAB	0'-2'
BLDG-130-EP-C8	<.6	8	SOIL	DISCRETE-GRAB	0'-2'
BLDG-130-EP-C9	<.6	9	SOIL	DISCRETE-GRAB	0'-2'
BLDG-130-EP-C10	<.6	10	SOIL	DISCRETE-GRAB	0'-2'

DELIVERED TO
GRANT BOWMAN (cc)
8-26-91

(14)

BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
From: Bruce Eulian
Re: Plastics Plant Bed (Center Island)

Date: 8-15-91
File No: 101-75-04
cc: Grant Bowman (GE)
Jackie Desantis (GE)

The following is a summary of the sample results for the PCB sampling program conducted outside Bldg 130 (Center Island) plant bed on 8-14-91. A drawing showing the sample locations is attached (see figure 1). An analytical report provided by DBG Laboratories has also been included.

PCB SAMPLING RESULTS METHOD 8080

LAB ID	TOTAL PCB PPM	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH
PB-C1	1.4	1	SOIL	DISCRETE-GRAB	0'-2'
PB-C2	<0.6	2	SOIL	DISCRETE-GRAB	0'-2'



Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517
 DESCRIPTION GE Plastics Division, Pittsfield, MA B & B # 101.75.04
 MATRIX: Solid
 Date Analyzed 8-18-91 DATE COLLECTED 8-14-91 DATE RECEIVED 8-16-91

	Sample #	PCB	Aroclor	PERCENT TOTAL SOLIDS
PL-PB-C20	N0268	<0.6	-	92.
PL-PB-C21	N0269	<0.6	-	95.
PL-PB-C22	N0270	<0.6	-	94.
PL-PB-C23	N0271	<0.6	-	92.
PL-PB-C24	N0272	<0.6	-	92.
PL-PB-C25	N0273	<0.6	-	92.
PB-C2	N0274	<0.6	-	86.
PB-C1	N0275	1.4	1260	90.

Comments:

Certification No.: NY034

Units: mg/kg dry weight

Authorized:

Date: August 20, 1991

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DELIVERED TO
GRANT BOWMAN (GE)
9-12-91

BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
From: Bruce Eulian
Re: Plastics Bldg 125
Plant Bed (Soil) Sampling

Date: 9-5-91
File No: 101-75-04
cc: Grant Bowman (GE)
Jackie Desantis (GE)

The following is a summary of the sample results for the PCB sampling program conducted outside Bldg 125 on 8-28-91. A drawing showing the sample location is attached (see figure 1). A preliminary analytical report provided by DBG Laboratories has also been included.

PCB SAMPLING RESULTS METHOD 5080

LAB ID	TOTAL PCB PPM	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH
PL-125-PB-C1	1.9	1	SOIL	DISCRETE-GRAB	0' - 2'
PL-125-PB-C2	<0.6	2	SOIL	DISCRETE-GRAB	0' - 2'
PL-125-PB-C3	<0.6	3	SOIL	DISCRETE-GRAB	0' - 2'
PL-125-PB-C4	<0.6	4	SOIL	DISCRETE-GRAB	0' - 2'
PL-125-PB-C5	<0.6	5	SOIL	DISCRETE-GRAB	0' - 2'
PL-125-PB-C6	<0.6	6	SOIL	DISCRETE-GRAB	0' - 2'
PL-125-PB-C7	3.8	7	SOIL	DISCRETE-GRAB	0' - 2'



Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517
 DESCRIPTION Bldg 125 Plant Bed Soil Sampling B & B # 101.75.04
 MATRIX: Soils
 Date Analyzed 9-3-91 DATE COLLECTED 8-28-91 DATE RECEIVED 8-29-91

	Sample #	PERCENT TOTAL SOLIDS	PCB	Aroclor
PL-125-PB-C1	N1028	90.	1.9	1254/1260
PL-125-PB-C2	N1029	88.	<0.6	-
PL-125-PB-C3	N1030	83.	<0.6	-
PL-125-PB-C4	N1031	83.	<0.6	-
PL-125-PB-C5	N1032	80.	<0.6	-
PL-125-PB-C6	N1033	90.	<0.6	-
PL-125-PB-C7	N1034	85.	3.8	1260*

Comments: *Altered Aroclor pattern.

Certification No.: NY034

Units: mg/kg dry weight

Authorized:

Date: September 23, 1991

Bldg 118 (inside) Drainline Connection
Soil Sampling
101.75.04

TABLE 1

PCB SAMPLING RESULTS METHOD 8080

LAB ID	TOTAL PCB PPM	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH	SEE FIGURE
118-DC-C1	<1.0	1	SOIL	DISCRETE-GRAB	0-2'	2
118-DC-C2	<1.0	2	SOIL	DISCRETE-GRAB	0-1'	2
118-DC-C3	<1.0	3	SOIL	DISCRETE-GRAB	0-2'	2



PRELIMINARY
JUL 10 1992

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520
 DESCRIPTION G.E., Pittsfield Job No. 101-75-04
Bldg 118 (INSIDE) Drainline Connection Soil Sampling
 Date Analyzed 7/8/92 DATE COLLECTED See Below DATE RECEIVED 7/8/92

Lab ID NO.	DATE EXTRACTED	DATE SAMPLED	SCREEN VALUE	PCTS	PCB	COMMENTS	QC RESULTS
118-DC-C1	7/8/92	7/8/92	<1 (.071)	90	<1	Soil ↓	A ↓
118-DC-C2	↓	↓	<1 (.075)	91	<1		
118-DC-C3	↓	↓	<1 (.073)	91	<1		
A) Reagent Blank 1:						<1	
Reference Sample 1:						3.9/3.3 = 118%	
Matrix Spike 64W-C3:						DL	
Matrix Spike Duplicate:						DL	
PRECISION:					41000	VS 32000 = 25% RPD	

Comments: DL=diluted out of solution
 RPD calculated using native arochlor present in sample 64W-C3 (1260/1254)

Certification No.:
 Units: mg/kg

Table 1. Chemical Results for Soil Samples Collected in Trenches A Through E, Adjacent to Building 114, General Electric Company, Pittsfield, Massachusetts.

Trench Designation	Sample Depth (feet below land surface)	Volatile Organic Compounds (ppb)		Aroclor 1254 ^{a)} (ppm)
A	0.5 - 1.5	<6	✓	100
A	3.5 - 4.5	<5		3.1
B	0.5 - 1.5	<7	✓	340
B	3.5 - 4.5	<5		0.08
C	0.5 - 1.5	<5		<0.04
C	3.5 - 4.5	<6		<0.04
D	0.5 - 1.5	<5		0.08
D	3.5 - 4.5	<5		<0.04
E	0.5 - 1.5	<5	✓	<0.04
E	3.5 - 4.5	<5		<0.05

a) Aroclor 1254 was the only polychlorinated biphenyl that was detected in any sample.

GERAGHTY & MILLER, INC.

Table 2. PCB Results for Soil Samples Collected Adjacent to Building 114, General Electric Company, Pittsfield, Massachusetts.

Boring No.	Sample Depth (feet below land surface)	Aroclor 1254 ^{a)} (ppm)
<u>Composite Soil Samples</u>		
B-1 through B-5	0 - 2.5	0.02
do	2.5 - 4.5	0.04
B-6 through B-10	0 - 2.5	0.04
do	2.5 - 4.5	<0.01
B-11 through B-15	0 - 2.5	0.03
do	2.5 - 4.5	0.03
B-16 through B-20	0 - 2.5	0.21
do	2.5 - 4.5	0.04
B-21 through B-25	0 - 2.5	0.28
do	2.5 - 4.5	0.88
B-26 through B-30	0 - 2.5	0.07
do	2.5 - 4.5	<0.01
B-31 through B-35	0 - 2.5	0.21
do	2.5 - 4.5	<0.01
B-36 through B-40	0 - 2.5	3.2
do	2.5 - 4.5	0.14
B-41 through B-45	0 - 2.5	2.3
do	2.5 - 4.5	4.3
B-46 through B-50	0 - 2.5	1.2
do	2.5 - 4.5	0.14
B-51, B-80, B-81	0 - 2.5	0.50
do	2.5 - 4.5	0.35
B-52, B-54, B-55	2.5 - 4.5	29.4
B-56, B-58, B-59, B-65, B-66	2.5 - 4.5	5.5

a) Aroclor 1254 was the only polychlorinated biphenyl that was detected in any sample.

Table 2. (Continued)

Boring No.	Sample Depth (feet below land surface)	Aroclor 1254 ^{a)} (ppm)
B-68 through B-71	0 - 2.5	1.3
B-68, B-69, B-71	2.5 - 4.5	0.22
B-72 through B-75	0 - 2.5	10.60
do	2.5 - 4.5	<0.01
B-76 through B-79	0 - 2.5	0.11
do	2.5 - 4.5	0.31
<u>Composite Asphalt Samples</u>		
B-1, B-2, B-4, B-6, B-8	0 - 0.5	0.65
B-30, B-31, B-33, B-35, B-36	0 - 0.5	0.20
B-45, B-46, B-48, B-50, B-51	0 - 0.5	1.2
B-71 through B-74	0 - 0.5	0.33
B-75 through B-79	0 - 0.5	0.53
<u>Specific Soil Analyses</u>		
B-72	0 - 2.5	0.10
B-73	0 - 2.5	3.6
B-74	0 - 2.5	1.3
B-75	0 - 2.5	0.72

a) Aroclor 1254 was the only polychlorinated biphenyl that was detected in any sample.

Table 2. Concentrations of Priority Pollutant Volatile Organic Compounds (GC/MS)

Client: Geraghty & Miller, Inc.
 CAA Project No.: 85-11-103

Date Samples Received: November 22, 1985
 Date Analyses Completed: December 2, 1985

Compound	Concentration - ug/kg (ppb), wet weight ^a				
	Sample ID: Trench A 0.5'-1.5' CAA ID: 8511103-1	Trench A 3.5'-4.5' 8511103-2	Trench B 0.5'-1.5' 8511103-3	Trench B 3.5'-4.5' 8511103-4	Trench C 0.5'-1.5' 8511103-5
1) chloromethane					
2) bromomethane					
3) vinyl chloride					
4) chloroethane					
5) methylene chloride					
6) 1,1-dichloroethylene					
7) 1,1-dichloroethane					
8) trans-1,2-dichloroethylene					
9) chloroform					
10) 1,2-dichloroethane					
11) 1,1,1-trichloroethane					
12) carbon tetrachloride					
13) bromodichloromethane					
14) acrylonitrile					
15) acrolein					
16) 1,2-dichloropropane					
17) trans-1,3-dichloropropene					
18) trichloroethylene					
19) chlorodibromomethane					
20) 1,1,2-trichloroethane					
21) benzene					
22) cis-1,3-dichloropropene					
23) 2-chloroethylvinyl ether					
24) bromoform					
25) 1,1,2,2-tetrachloroethane					
26) tetrachloroethylene					
27) toluene					
28) chlorobenzene					
29) ethylbenzene					
30) total xylenes					
Detection Limit	6	5	7	5	5

Concentrations less than the detection limit are left blank. Concentrations between 1 and 10 times the detection limit are listed as trace levels (TR). Detection limits for acrolein and acrylonitrile are 100 and 10 times the nominal detection limit, respectively.



Table 2 (cont'd). Concentrations of Priority Pollutant Volatile Organic Compounds (GC/MS)

Contract: Geraghty & Miller, Inc.

Date Samples Received: November 22, 1985

Project No.: 85-11-103

Date Analyses Completed: December 2, 1985

Concentration - ug/kg (ppb), wet weight^a

Compound	Sample ID: Trench C 3.5'-4.5' CAA ID: 8511103-6	Trench D 0.5'-1.5' 8511103-7	Trench D 3.5'-4.5' 8511103-8	Trench E 0.5'-1.5' 8511103-9	Trench E 3.5'-4.5' 8511103-10
1) chloromethane					
2) bromomethane					
3) vinyl chloride					
4) chloroethane					
5) methylene chloride					
6) 1,1-dichloroethylene					
7) 1,1-dichloroethane					
8) trans-1,2-dichloroethylene					
9) chloroform					
10) 1,2-dichloroethane					
11) 1,1,1-trichloroethane					
12) carbon tetrachloride					
13) bromodichloromethane					
14) acrylonitrile					
15) acrolein					
16) 1,2-dichloropropane					
17) trans-1,3-dichloropropene					
18) trichloroethylene					
19) chlorodibromomethane					
20) 1,1,2-trichloroethane					
21) benzene					
22) cis-1,3-dichloropropene					
23) 2-chloroethylvinyl ether					
24) bromoform					
25) 1,1,2,2-tetrachloroethane					
26) tetrachloroethylene					
27) toluene					
28) chlorobenzene					
29) ethylbenzene					
30) total xylenes					
Detection Limit	6	5	5	5	5

Concentrations less than the detection limit are left blank. Concentrations between 1 and 10 times the detection limit are listed as trace levels (TR). Detection limits for acrolein and acrylonitrile are 100 and 10 times the original detection limit, respectively.



Table 3. Concentrations of Polychlorinated Biphenyls

Client: Geraghty & Miller, Inc.

Date Samples Received: November 22, 1985

AA Project No.: 85-11-103

Date Analyses Completed: December 5, 1985

Sample ID:	Concentration - ug/g (ppm), dry weight ^a				
	Trench A 0.5'-1.5'	Trench A 3.5'-4.5'	Trench B 0.5'-1.5'	Trench B 3.5'-4.5'	Trench C 0.5'-1.5'
CAA ID:	8511103-1	8511103-2	8511103-3	8511103-4	8511103-5
Aroclor 1016					
Aroclor 1221					
Aroclor 1232					
Aroclor 1242					
Aroclor 1248					
Aroclor 1254	100	3.1	340	0.08	
Aroclor 1260					
Aroclor 1262					
Detection Limit	0.04	0.04	0.04	0.04	0.04

^aConcentrations less than the detection limit are left blank.



Table 3 (cont'd). Concentrations of Polychlorinated Biphenyls

Client: Geraghty & Miller, Inc.

Date Samples Received: November 22, 1985

CAA Project No.: 85-11-103

Date Analyses Completed: December 5, 1985

Concentration - ug/g (ppm), dry weight^a

Sample ID:	Trench C 3.5-4.5	Trench D 0.5'-1.5'	Trench D 3.5'-4.5'	Trench E 0.5'-1.5'	Trench E 3.5'-4.5'
CAA ID:	8511103-6	8511103-7	8511103-8	8511103-9	8511103-10

Aroclor 1016

Aroclor 1221

Aroclor 1232

Aroclor 1242

Aroclor 1248

Aroclor 1254

0.08

Aroclor 1260

Aroclor 1262

Detection Limit

0.04

0.04

0.04

0.04

0.04

^aConcentrations less than the detection limit are left blank.



Table 2. Results of PCB Analyses

ent: Geraghty & Miller, Inc.
 \ Project Number: 85-12-110

Date Samples Received: December 24, 1985
 Date Analyses Completed: January 2, 1985

CAA ID	Client ID	Concentration - ug/g (ppm)	
			Arochlor 1254 ^a
512110-01	B1-B5 0'-2.5'		0.02
12110-02	B1-B5 2.5'-4.5'		0.04
512110-03	B6-B10 0'-2.5'		0.04
512110-04	B6-B10 2.5'-4.5'		<0.01
12110-05	B11-B15 0'-2.5'		0.03
512110-06	B11-B15 2.5'-4.5'		0.03
12110-07	B16-B20 0'-2.5'		0.21
512110-08	B16-B20 2.5'-4.5'		0.04
512110-09	B21-B25 0'-2.5'		0.28
12110-10	B21-B25 2.5'-4.5'		0.88
512110-11	B26-B30 0'-2.5'		0.07
12110-12	B26-B30 2.5'-4.5'		<0.01
512110-13	B31-B35 0'-2.5'		0.21
512110-14	B31-B35 2.5'-4.5'		<0.01
12110-15	B36-B40 0'-2.5'		3.2
512110-16	B36-B40 2.5'-4.5'		0.14
12110-17	B41-B45 0'-2.5'		2.3
512110-18	B41-B45 2.5'-4.5'		4.3
12110-19	B46-B50 0'-2.5'		1.2
12110-20	B46-B50 2.5'-4.5'		0.14

^aArochlor 1254 was the only polychlorinated biphenyl detected in any sample.



Table 2 (cont'd). Results of Chemical Analyses

Client: Geraghty & Miller, Inc.
 Project Number: 85-12-110

Date Samples Received: December 24, 1985
 Date Analyses Completed: January 2, 1985

Sample ID	Client ID	Concentration - ug/g (ppm)	
			Arochlor 1254 ^a
2110-21	B51, B80, B81 0'-2.5'		0.50
12110-22	B51, B80, B81 2.5'-4.5'		0.35
2110-23	B52, B55 2.5'-4.5' B54		29.4
12110-24	B56, B58, B59, B65, B66 2.5'-4.5'		5.5
2110-25	B68-B71 0'-2.5'		1.3
2110-26	B68-B71 2.5'-4.5'		0.22
12110-27	B72-B75 0'-2.5'		10.6
2110-28	B72-B75 2.5'-4.5'		<0.01
12110-29	B76-B79 0'-2.5'		0.11
2110-30	B76-B79 2.5'-4.5'		0.31
2110-31	A-B1, B2, B4, B6, B8 0'-0.5'		0.65
12110-32	A-B30, B31, B33, B35, B36 0'-0.5'		0.20
2110-33	A-B45, B46, B48, B50, B51 0'-0.5'		1.2
512110-34	A-B71, B72, B73, B74 0'-0.5'		0.33
2110-35	A-B75, B76, B77, B78, B79 0'-0.5'		0.53

Arochlor 1254 was the only polychlorinated biphenyl detected in any sample.



BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
From: Robert W. Rhoades
Re: Sampling for Compensatory Storage for 120X

Date: 03/15/90
File No: 101-75-04
cc: Grant Bowman

The following is a summary of the sample results for the PCB sampling program conducted outside Bldg. 119W on 3/15/90. A drawing showing the sample location is attached (see figure 1). An analytical Report provided by OSG Laboratories has also been included.

PCB SAMPLING RESULTS

LAB ID	TOTAL PCB PPM	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH
119W-D1	<2	1	ASPHALT	DISCRETE-GRAB	0"-1"
119W-D2	<2	1	✓ SOIL	DISCRETE-GRAB	0"-6"
119W-D3	<2	2	ASPHALT	DISCRETE-GRAB	0"-1"
119W-D4	2.7	2	✓ SOIL	DISCRETE-GRAB	0"-6"
119W-D5	<2	3	ASPHALT	DISCRETE-GRAB	0"-1"
119W-D6	3.2	3	✓ SOIL	DISCRETE-GRAB	0"-6"



Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield, MA Job No. 101.75.04

Date Analyzed: 3-17-90 DATE COLLECTED See Below DATE RECEIVED 3-15-90

LAB ID NO.	DATE SAMPLED	PCB	COMMENTS	QC RESULTS
119W-C2	3-15-90	<2.	soil	A
119W-C4	↓	2.7	↓	↓
119W-C6	↓	3.2	↓	↓
A) Duplicate of 119W-C6		3.5 vs. 3.2	RPD = 9%	

Comments:

Certification No.: NY034

Units: mg/kg

Authorized: Ant

Date: July 26, 1990

DELIVERED TO
GRANT BOWMAN (GE)
11-7-90

(8)

BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
From: Bruce Eulian
Re: Sampling for Compensatory Storage for 120X (119W)

Date: 11/02/90
File No: 101-75-04
cc: Grant Bowman (GE)
Jackie Desantis (GE)

The following is a summary of the sample results for the PCB sampling program conducted outside Bldg. 119W on 10/29/90. A drawing showing the sample location is attached (see figure 1). An analytical Report provided by DRG Laboratories has also been included.

PCB SAMPLING RESULTS METHOD 8080

LAB ID	TOTAL PCB PPM	SAMPLE LOCATION	SAMPLE MATERIAL		SAMPLE TYPE	SAMPLE DEPTH
119W-C7	<.5	4	ASPHALT		DISCRETE-GRAB	0"-3"
119W-C8	1.6	4	SOIL	✓	DISCRETE-GRAB	0"-6"
119W-C9	<.5	5	ASPHALT		DISCRETE-GRAB	0"-3"
119W-C10	<.5	5	SOIL	✓	DISCRETE-GRAB	0"-6"
119W-C11	<.5	6	ASPHALT		DISCRETE-GRAB	0"-3"
119W-C12	8.6	6	SOIL	✓	DISCRETE-GRAB	0"-6"

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Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517
 DESCRIPTION General Electric - Pittsfield, MA B&B No. 101.75.04
Compensatory Storage for 120X MATRIX: Asphalt, Soil
 Date Analyzed: 10-30-90 DATE COLLECTED 10-29-90 DATE RECEIVED 10-29-90

	Sample #	PCB	Aroclor	PERCENT TOTAL SOLIDS
Asphalt: (mg/kg)				
119W-C7	L2386	<0.5	-	-
119W-C9	L2387	<0.5	-	-
119W-C11	L2388	<0.5	-	-
Soils: (mg/kg dry weight)				
119W-C8	L2389	1.6	1254/1260	93.
119W-C10	L2390	<0.5	-	96.
119W-C12	L2391	8.6	1254/1260	93.

Comments:

Certification No.: NY034

Units: See Above

Authorized:

Date: November 8, 1990

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

PESTICIDES AND PCB's - PRIORITY POLLUTANT ANALYSIS

Results in ug/kg (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-5(0-4')
Lab Sample ID: JJ4591

<u>Compound</u>		<u>Compound</u>	
aldrin	1,000 **	endrin aldehyde	1,900 U**
α-BHC	400 U	heptachlor	400 U
β-BHC	400 U	heptachlor epoxide	400 U
γ-BHC (lindane)	400 U	PCB-(Aroclor)-1242	800 U
δ-BHC	400 U	PCB-(Aroclor)-1254	800 U
chlordane	1,200 U**	PCB-(Aroclor)-1221	800 U
4,4'-DDT	1,900 U**	PCB-(Aroclor)-1232	800 U
4,4'-DDE	400 U	PCB-(Aroclor)-1248	1,900 U**
4,4'-DDD	400 U	PCB-(Aroclor)-1260	23,000 *
dieldrin	400 U	PCB-(Aroclor)-1016	800 U
α-endosulfan	530 U**	toxaphene	1,200 U**
β-endosulfan	400 U		
endosulfan sulfate	1,200 U**		
endrin	1,300 U**		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

* - Sample exhibits alteration of standard Aroclor pattern.

** - Detection limit higher than normal due to sample matrix interferences.

Date of Extraction: 08/22/89

Date of Analysis: 08/24/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

PESTICIDES AND PCB's - PRIORITY POLLUTANT ANALYSIS

Results in $\mu\text{g}/\text{kg}$ (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-5(4-8')
Lab Sample ID: JJ4592

<u>Compound</u>		<u>Compound</u>	
aldrin	400 U	endrin aldehyde	3,000 U**
α -BHC	400 U	heptachlor	400 U
β -BHC	400 U	heptachlor epoxide	570 U**
γ -BHC (lindane)	400 U	PCB-(Aroclor)-1242	1,100 U**
δ -BHC	400 U	PCB-(Aroclor)-1254	12,000 *
chlordane	7,400 U**	PCB-(Aroclor)-1221	800 U
4,4'-DDT	3,600 U**	PCB-(Aroclor)-1232	1,800 U**
4,4'-DDE	400 U	PCB-(Aroclor)-1248	1,200 U**
4,4'-DDD	400 U	PCB-(Aroclor)-1260	33,000 *
dieldrin	460 U**	PCB-(Aroclor)-1016	800 U
α -endosulfan	1,000 U**	toxaphene	2,400 U**
β -endosulfan	1,900 U**		
endosulfan sulfate	1,400 U**		
endrin	2,900 U**		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

* - Sample exhibits alteration of standard Aroclor pattern.

** - Detection limit higher than normal due to sample matrix interferences.

Date of Extraction: 08/22/89

Date of Analysis: 08/24/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

PESTICIDES AND PCB's - PRIORITY POLLUTANT ANALYSIS

Results in $\mu\text{g}/\text{kg}$ (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-6(0-4')

Lab Sample ID: JJ4593

<u>Compound</u>		<u>Compound</u>	
aldrin	400 U	endrin aldehyde	800 U
α -BHC	400 U	heptachlor	400 U
β -BHC	400 U	heptachlor epoxide	400 U
γ -BHC (lindane)	400 U	PCB-(Aroclor)-1242	800 U
δ -BHC	400 U	PCB-(Aroclor)-1254	800 U
chlordane	800 U	PCB-(Aroclor)-1221	800 U
4,4'-DDT	400 U	PCB-(Aroclor)-1232	800 U
4,4'-DDE	400 U	PCB-(Aroclor)-1248	800 U
4,4'-DDD	400 U	PCB-(Aroclor)-1260	800 U
dieldrin	400 U	PCB-(Aroclor)-1016	800 U
α -endosulfan	400 U	toxaphene	800 U
β -endosulfan	400 U		
endosulfan sulfate	400 U		
endrin	400 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 08/22/89

Date of Analysis: 08/24/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

PESTICIDES AND PCB'S - PRIORITY POLLUTANT ANALYSIS

Results in $\mu\text{g}/\text{kg}$ (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-6(4-8')
Lab Sample ID: JJ4594

<u>Compound</u>		<u>Compound</u>	
aldrin	400 U	endrin aldehyde	800 U
α -BHC	400 U	heptachlor	400 U
β -BHC	400 U	heptachlor epoxide	400 U
γ -BHC (lindane)	400 U	PCB-(Aroclor)-1242	800 U
δ -BHC	400 U	PCB-(Aroclor)-1254	800 U
chlordan	800 U	PCB-(Aroclor)-1221	800 U
4,4'-DDT	400 U	PCB-(Aroclor)-1232	800 U
4,4'-DDE	400 U	PCB-(Aroclor)-1248	800 U
4,4'-DDD	400 U	PCB-(Aroclor)-1260	800 U
dieldrin	400 U	PCB-(Aroclor)-1016	800 U
α -endosulfan	400 U	toxaphene	800 U
β -endosulfan	400 U		
endosulfan sulfate	400 U		
endrin	400 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 08/22/89
Date of Analysis: 08/24/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

PESTICIDES AND PCB's - PRIORITY POLLUTANT ANALYSIS

Results in ug/kg (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-7(0-4')
Lab Sample ID: JJ4595

<u>Compound</u>		<u>Compound</u>	
aldrin	13,000 U**	endrin aldehyde	3,800 U**
α-BHC	530 U**	heptachlor	4,600 U**
β-BHC	11,000 U**	heptachlor epoxide	5,300 U**
γ-BHC (lindane)	4,100 U**	PCB-(Aroclor)-1242	150,000 *
δ-BHC	3,200 U**	PCB-(Aroclor)-1254	110,000 *
chlordan	55,000 U**	PCB-(Aroclor)-1221	29,000 U**
4,4'-DDT	14,000 U**	PCB-(Aroclor)-1232	190,000 U**
4,4'-DDE	3,200 U**	PCB-(Aroclor)-1248	130,000 U**
4,4'-DDD	400 U	PCB-(Aroclor)-1260	23,000 *
dieldrin	3,300 U**	PCB-(Aroclor)-1016	80,000 U**
α-endosulfan	8,100 U**	toxaphene	24,000 U**
β-endosulfan	6,200 U**		
endosulfan sulfate	3,400 U**		
endrin	17,000 U**		

- U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
* - Sample exhibits alteration of standard Aroclor pattern.
** - Detection limit higher than normal due to sample matrix interferences.

Date of Extraction: 08/22/89
Date of Analysis: 08/24/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

PESTICIDES AND PCB's - PRIORITY POLLUTANT ANALYSIS

Results in ug/kg (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-7(4-8')
Lab Sample ID: JJ4596

<u>Compound</u>		<u>Compound</u>	
aldrin	14,000 U**	endrin aldehyde	4,300 U**
α-BHC	400 U	heptachlor	3,300 U**
β-BHC	6,200 U**	heptachlor epoxide	6,900 U**
γ-BHC (lindane)	2,400 U**	PCB-(Aroclor)-1242	94,000 *
δ-BHC	2,200 U**	PCB-(Aroclor)-1254	160,000 *
chlordan	70,000 U**	PCB-(Aroclor)-1221	14,000 U**
4,4'-DDT	16,000 U**	PCB-(Aroclor)-1232	130,000 U**
4,4'-DDE	4,000 U**	PCB-(Aroclor)-1248	88,000 U**
4,4'-DDD	400 U	PCB-(Aroclor)-1260	20,000 *
dieldrin	4,100 U**	PCB-(Aroclor)-1016	56,000 U**
α-endosulfan	10,000 U**	toxaphene	24,000 U**
β-endosulfan	8,000 U**		
endosulfan sulfate	3,900 U**		
endrin	22,000 U**		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

* - Sample exhibits alteration of standard Aroclor pattern.

** - Detection limit higher than normal due to sample matrix interferences.

Date of Extraction: 08/22/89
Date of Analysis: 08/24/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICE
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

PESTICIDES AND PCB's - PRIORITY POLLUTANT ANALYSIS

Results in ug/kg (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-8(0-4')
Lab Sample ID: JJ4597

<u>Compound</u>		<u>Compound</u>	
aldrin	400 U	endrin aldehyde	800 U
α-BHC	400 U	heptachlor	400 U
β-BHC	400 U	heptachlor epoxide	400 U
γ-BHC (lindane)	400 U	PCB-(Aroclor)-1242	800 U
δ-BHC	400 U	PCB-(Aroclor)-1254	800 U
chlordane	800 U	PCB-(Aroclor)-1221	800 U
4,4'-DDT	400 U	PCB-(Aroclor)-1232	800 U
4,4'-DDE	400 U	PCB-(Aroclor)-1248	800 U
4,4'-DDD	400 U	PCB-(Aroclor)-1260	800 U
dieldrin	400 U	PCB-(Aroclor)-1016	800 U
α-endosulfan	400 U	toxaphene	800 U
β-endosulfan	400 U		
endosulfan sulfate	400 U		
endrin	400 U		

U - Compound was analyzed for but not detected. The number is the detection limit for sample.

Date of Extraction: 08/22/89
Date of Analysis: 08/24/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

PESTICIDES AND PCB's - PRIORITY POLLUTANT ANALYSIS

Results in $\mu\text{g}/\text{kg}$ (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-8(4-8')

Lab Sample ID: JJ4598

<u>Compound</u>		<u>Compound</u>	
aldrin	400 U	endrin aldehyde	800 U
α -BHC	400 U	heptachlor	400 U
β -BHC	400 U	heptachlor epoxide	400 U
γ -BHC (lindane)	400 U	PCB-(Aroclor)-1242	800 U
δ -BHC	400 U	PCB-(Aroclor)-1254	800 U
chlordane	800 U	PCB-(Aroclor)-1221	800 U
4,4'-DDT	400 U	PCB-(Aroclor)-1232	800 U
4,4'-DDE	400 U	PCB-(Aroclor)-1248	800 U
4,4'-DDD	400 U	PCB-(Aroclor)-1260	800 U
dieldrin	400 U	PCB-(Aroclor)-1016	800 U
α -endosulfan	400 U	toxaphene	800 U
β -endosulfan	400 U		
endosulfan sulfate	400 U		
endrin	400 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 08/22/89

Date of Analysis: 08/24/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43967

PESTICIDES AND PCB's - PRIORITY POLLUTANT ANALYSIS

Results in ug/kg (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-9(0-4')
Lab Sample ID: JJ4628

<u>Compound</u>		<u>Compound</u>	
aldrin	400 U	endrin aldehyde	800 U
α-BHC	400 U	heptachlor	400 U
β-BHC	400 U	heptachlor epoxide	400 U
γ-BHC (lindane)	400 U	PCB-(Aroclor)-1242	800 U
δ-BHC	400 U	PCB-(Aroclor)-1254	7,300 *
chlordane	800 U	PCB-(Aroclor)-1221	800 U
4,4'-DDT	740 U**	PCB-(Aroclor)-1232	1,000 U**
4,4'-DDE	400 U	PCB-(Aroclor)-1248	800 U
4,4'-DDD	400 U	PCB-(Aroclor)-1260	2,900 *
dieldrin	400 U	PCB-(Aroclor)-1016	800 U
α-endosulfan	400 U	toxaphene	1,200 U**
β-endosulfan	400 U		
endosulfan sulfate	400 U		
endrin	860 U**		

- U - Compound was analyzed for but not detected. The number is the detection limit for the sample.
J - Indicates an estimated value less than the detection limit.
* - Sample exhibits alteration of standard Aroclor pattern.
** - Elevated detection limit due to matrix interferences.

Date of Extraction: 08/24/89
Date of Analysis: 08/25/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43967

PESTICIDES AND PCB's - PRIORITY POLLUTANT ANALYSIS

Results in $\mu\text{g}/\text{kg}$ (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-9(4-8')

Lab Sample ID: JJ4629

<u>Compound</u>		<u>Compound</u>	
aldrin	400 U	endrin aldehyde	800 U
α -BHC	400 U	heptachlor	400 U
β -BHC	400 U	heptachlor epoxide	400 U
γ -BHC (lindane)	400 U	PCB-(Aroclor)-1242	4,300 U**
δ -BHC	400 U	PCB-(Aroclor)-1254	3,900 *
chlordane	1,300 U**	PCB-(Aroclor)-1221	800 U
4,4'-DDT	400 U	PCB-(Aroclor)-1232	7,400 U**
4,4'-DDE	400 U	PCB-(Aroclor)-1248	5,000 U**
4,4'-DDD	400 U	PCB-(Aroclor)-1260	800 U
dieldrin	400 U	PCB-(Aroclor)-1016	3,200 U**
α -endosulfan	400 U	toxaphene	1,200 U**
β -endosulfan	400 U		
endosulfan sulfate	400 U		
endrin	400 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

* - Sample exhibits alteration of standard Aroclor pattern.

** - Elevated detection limit due to matrix interferences.

Date of Extraction: 08/24/89

Date of Analysis: 08/25/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

PESTICIDES AND PCB's - PRIORITY POLLUTANT ANALYSIS

Results in $\mu\text{g}/\text{kg}$ (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-10(0-4')
Lab Sample ID: JJ4599

<u>Compound</u>		<u>Compound</u>	
aldrin	400 U	endrin aldehyde	800 U
α -BHC	400 U	heptachlor	400 U
β -BHC	400 U	heptachlor epoxide	400 U
γ -BHC (lindane)	400 U	PCB-(Aroclor)-1242	800 U
δ -BHC	400 U	PCB-(Aroclor)-1254	800 U
chlordane	800 U	PCB-(Aroclor)-1221	800 U
4,4'-DDT	400 U	PCB-(Aroclor)-1232	800 U
4,4'-DDE	400 U	PCB-(Aroclor)-1248	800 U
4,4'-DDD	400 U	PCB-(Aroclor)-1260	800 U
dieldrin	400 U	PCB-(Aroclor)-1016	800 U
α -endosulfan	400 U	toxaphene	800 U
β -endosulfan	400 U		
endosulfan sulfate	400 U		
endrin	400 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 08/22/89
Date of Analysis: 08/24/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

PESTICIDES AND PCB's - PRIORITY POLLUTANT ANALYSIS

Results in ug/kg (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-10(4-8')
Lab Sample ID: JJ4600

<u>Compound</u>		<u>Compound</u>	
aldrin	400 U	endrin aldehyde	800 U
α-BHC	400 U	heptachlor	400 U
β-BHC	400 U	heptachlor epoxide	400 U
γ-BHC (lindane)	400 U	PCB-(Aroclor)-1242	800 U
δ-BHC	400 U	PCB-(Aroclor)-1254	800 U
chlordane	800 U	PCB-(Aroclor)-1221	800 U
4,4'-DDT	400 U	PCB-(Aroclor)-1232	800 U
4,4'-DDE	400 U	PCB-(Aroclor)-1248	800 U
4,4'-DDD	400 U	PCB-(Aroclor)-1260	800 U
dieldrin	400 U	PCB-(Aroclor)-1016	800 U
α-endosulfan	400 U	toxaphene	800 U
β-endosulfan	400 U		
endosulfan sulfate	400 U		
endrin	400 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 08/22/89
Date of Analysis: 08/24/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

PESTICIDES AND PCB's - PRIORITY POLLUTANT ANALYSIS

Results in ug/kg (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-11(0-2')
Lab Sample ID: JJ4601

<u>Compound</u>		<u>Compound</u>	
aldrin	400 U	endrin aldehyde	800 U
α-BHC	400 U	heptachlor	400 U
β-BHC	400 U	heptachlor epoxide	400 U
γ-BHC (lindane)	400 U	PCB-(Aroclor)-1242	800 U
δ-BHC	400 U	PCB-(Aroclor)-1254	800 U
chlordane	800 U	PCB-(Aroclor)-1221	800 U
4,4'-DDT	480 U†	PCB-(Aroclor)-1232	800 U
4,4'-DDE	400 U	PCB-(Aroclor)-1248	800 U
4,4'-DDD	400 U	PCB-(Aroclor)-1260	6,300 *
dieldrin	400 U	PCB-(Aroclor)-1016	800 U
α-endosulfan	400 U	toxaphene	800 U
β-endosulfan	400 U		
endosulfan sulfate	400 U		
endrin	400 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

* - Sample exhibits alteration of standard Aroclor pattern.

† - Elevated detection limit due to presence of Aroclor 1260.

Date of Extraction: 08/22/89

Date of Analysis: 08/24/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

PESTICIDES AND PCB's - PRIORITY POLLUTANT ANALYSIS

Results in ug/kg (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-11(2-4')
Lab Sample ID: JJ4602

<u>Compound</u>		<u>Compound</u>	
aldrin	400 U	endrin aldehyde	800 U
α -BHC	400 U	heptachlor	400 U
β -BHC	400 U	heptachlor epoxide	400 U
γ -BHC (lindane)	400 U	PCB-(Aroclor)-1242	800 U
δ -BHC	400 U	PCB-(Aroclor)-1254	800 U
chlordane	800 U	PCB-(Aroclor)-1221	800 U
4,4'-DDT	400 U	PCB-(Aroclor)-1232	800 U
4,4'-DDE	400 U	PCB-(Aroclor)-1248	800 U
4,4'-DDD	400 U	PCB-(Aroclor)-1260	800 U
dieldrin	400 U	PCB-(Aroclor)-1016	800 U
α -endosulfan	400 U	toxaphene	800 U
β -endosulfan	400 U		
endosulfan sulfate	400 U		
endrin	400 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 08/22/89

Date of Analysis: 08/24/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

PESTICIDES AND PCB's - PRIORITY POLLUTANT ANALYSIS

Results in $\mu\text{g}/\text{kg}$ (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-11(4-6')
Lab Sample ID: JJ4603

<u>Compound</u>		<u>Compound</u>	
aldrin	400 U	endrin aldehyde	800 U
α -BHC	400 U	heptachlor	400 U
β -BHC	400 U	heptachlor epoxide	400 U
γ -BHC (lindane)	400 U	PCB-(Aroclor)-1242	800 U
δ -BHC	400 U	PCB-(Aroclor)-1254	800 U
chlordan	800 U	PCB-(Aroclor)-1221	800 U
4,4'-DDT	400 U	PCB-(Aroclor)-1232	800 U
4,4'-DDE	400 U	PCB-(Aroclor)-1248	800 U
4,4'-DDD	400 U	PCB-(Aroclor)-1260	800 U
dieldrin	400 U	PCB-(Aroclor)-1016	800 U
α -endosulfan	400 U	toxaphene	800 U
β -endosulfan	400 U		
endosulfan sulfate	400 U		
endrin	400 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

Date of Extraction: 08/22/89
Date of Analysis: 08/24/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

BASE/NEUTRAL EXTRACTABLE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in µg/kg (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-5(0-4')
Lab Sample ID: JJ4591

<u>Compound</u>		<u>Compound</u>	
acenaphthene	3,800 U	3,3'-dichlorobenzidine	7,600 U
acenaphthylene	3,800 U	diethyl phthalate	3,800 U
anthracene	3,800 U	dimethyl phthalate	3,800 U
benzidine	19,000 U	2,4-dinitrotoluene	3,800 U
benzo(a)anthracene	3,800 U	2,6-dinitrotoluene	3,800 U
benzo(b)fluoranthene	3,800 U	di-n-octylphthalate	3,800 U
benzo(k)fluoranthene	3,800 U	1,2-diphenylhydrazine ¹	3,800 U
benzo(a)pyrene	3,800 U	fluoranthene	3,800 U
benzo(g,h,i)perylene	3,800 U	fluorene	3,800 U
benzyl butyl phthalate	3,800 U	hexachlorobenzene	3,800 U
bis(2-chloroethoxy)methane	3,800 U	hexachlorobutadiene	3,800 U
bis(2-chloroethyl)ether	3,800 U	hexachlorocyclopentadiene	3,800 U
bis(2-chloroisopropyl)ether	3,800 U	hexachloroethane	3,800 U
bis(2-ethylhexyl)phthalate	3,800 U	indeno(1,2,3-cd)pyrene	3,800 U
4-bromophenyl phenyl ether	3,800 U	isophorone	3,800 U
2-chloronaphthalene	3,800 U	naphthalene	3,800 U
4-chlorophenyl phenyl ether	3,800 U	nitrobenzene	3,800 U
chrysene	3,800 U	N-nitrosodimethylamine	3,800 U
dibenzo(a,h)anthracene	3,800 U	N-nitrosodi-n-propylamine	3,800 U
di-n-butylphthalate	3,800 U	N-nitrosodiphenylamine ²	3,800 U
1,2-dichlorobenzene	3,800 U	phenanthrene	3,800 U
1,3-dichlorobenzene	3,800 U	pyrene	3,800 U
1,4-dichlorobenzene	3,800 U	1,2,4-trichlorobenzene	3,800 U

¹ Screened for as Azobenzene ² Detected as Diphenylamine

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Extraction: 08/22/89

Date of Analysis: 08/31/89

Sample was exposed to solvents prior to analysis.

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

BASE/NEUTRAL EXTRACTABLE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in $\mu\text{g}/\text{kg}$ (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-5(4-8')
Lab Sample ID: JJ4592

<u>Compound</u>		<u>Compound</u>	
acenaphthene	7,900 U	3,3'-dichlorobenzidine	16,000 U
acenaphthylene	7,900 U	diethyl phthalate	7,900 U
anthracene	7,900 U	dimethyl phthalate	7,900 U
benzidine	40,000 U	2,4-dinitrotoluene	7,900 U
benzo(a)anthracene	890 J	2,6-dinitrotoluene	7,900 U
benzo(b)fluoranthene	7,900 U	di-n-octylphthalate	7,900 U
benzo(k)fluoranthene	7,900 U	1,2-diphenylhydrazine ¹	7,900 U
benzo(a)pyrene	7,900 U	fluoranthene	1,100 J
benzo(g,h,i)perylene	7,900 U	fluorene	7,900 U
benzyl butyl phthalate	7,900 U	hexachlorobenzene	7,900 U
bis(2-chloroethoxy)methane	7,900 U	hexachlorobutadiene	7,900 U
bis(2-chloroethyl)ether	7,900 U	hexachlorocyclopentadiene	7,900 U
bis(2-chloroisopropyl)ether	7,900 U	hexachloroethane	7,900 U
bis(2-ethylhexyl)phthalate	7,900 U	indeno(1,2,3-cd)pyrene	7,900 U
4-bromophenyl phenyl ether	7,900 U	isophorone	7,900 U
2-chloronaphthalene	7,900 U	naphthalene	1,800 J
4-chlorophenyl phenyl ether	7,900 U	nitrobenzene	7,900 U
chrysene	1,400 J	N-nitrosodimethylamine	7,900 U
dibenzo(a,h)anthracene	7,900 U	N-nitrosodi-n-propylamine	7,900 U
di-n-butylphthalate	7,900 U	N-nitrosodiphenylamine ²	7,900 U
1,2-dichlorobenzene	7,900 U	phenanthrene	1,000 J
1,3-dichlorobenzene	7,900 U	pyrene	950 J
1,4-dichlorobenzene	7,900 U	1,2,4-trichlorobenzene	18,000

¹ Screened for as Azobenzene ² Detected as Diphenylamine

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Extraction: 08/22/89

Date of Analysis: 08/31/89

Sample was exposed to solvents prior to analysis.

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

BASE/NEUTRAL EXTRACTABLE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in ug/kg (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-6(0-4')
Lab Sample ID: JJ4593

<u>Compound</u>		<u>Compound</u>	
acenaphthene	3,000 U	3,3'-dichlorobenzidine	5,900 U
acenaphthylene	3,000 U	diethyl phthalate	3,000 U
anthracene	3,000 U	dimethyl phthalate	3,000 U
benzidine	15,000 U	2,4-dinitrotoluene	3,000 U
benzo(a)anthracene	3,000 U	2,6-dinitrotoluene	3,000 U
benzo(b)fluoranthene	3,000 U	di-n-octylphthalate	3,000 U
benzo(k)fluoranthene	3,000 U	1,2-diphenylhydrazine ¹	3,000 U
benzo(a)pyrene	3,000 U	fluoranthene	3,000 U
benzo(g,h,i)perylene	3,000 U	fluorene	3,000 U
benzyl butyl phthalate	3,000 U	hexachlorobenzene	3,000 U
bis(2-chloroethoxy)methane	3,000 U	hexachlorobutadiene	3,000 U
bis(2-chloroethyl)ether	3,000 U	hexachlorocyclopentadiene	3,000 U
bis(2-chloroisopropyl)ether	3,000 U	hexachloroethane	3,000 U
bis(2-ethylhexyl)phthalate	3,000 U	indeno(1,2,3-cd)pyrene	3,000 U
4-bromophenyl phenyl ether	3,000 U	isophorone	3,000 U
2-chloronaphthalene	3,000 U	naphthalene	3,000 U
4-chlorophenyl phenyl ether	3,000 U	nitrobenzene	3,000 U
chrysene	3,000 U	N-nitrosodimethylamine	3,000 U
dibenzo(a,h)anthracene	3,000 U	N-nitrosodi-n-propylamine	3,000 U
di-n-butylphthalate	3,000 U	N-nitrosodiphenylamine ²	3,000 U
1,2-dichlorobenzene	3,000 U	phenanthrene	3,000 U
1,3-dichlorobenzene	3,000 U	pyrene	3,000 U
1,4-dichlorobenzene	3,000 U	1,2,4-trichlorobenzene	3,000 U

¹ Screened for as Azobenzene ² Detected as Diphenylamine

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Extraction: 08/22/89
Date of Analysis: 08/31/89

Sample was exposed to solvents prior to analysis.

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

BASE/NEUTRAL EXTRACTABLE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in ug/kg (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-6(4-8')
Lab Sample ID: JJ4594

<u>Compound</u>		<u>Compound</u>	
acenaphthene	2,000 U	3,3'-dichlorobenzidine	3,900 U
acenaphthylene	2,000 U	diethyl phthalate	2,000 U
anthracene	2,000 U	dimethyl phthalate	2,000 U
benzidine	9,800 U	2,4-dinitrotoluene	2,000 U
benzo(a)anthracene	2,000 U	2,6-dinitrotoluene	2,000 U
benzo(b)fluoranthene	2,000 U	di-n-octylphthalate	2,000 U
benzo(k)fluoranthene	2,000 U	1,2-diphenylhydrazine ¹	2,000 U
benzo(a)pyrene	2,000 U	fluoranthene	2,000 U
benzo(g,h,i)perylene	2,000 U	fluorene	2,000 U
benzyl butyl phthalate	2,000 U	hexachlorobenzene	2,000 U
bis(2-chloroethoxy)methane	2,000 U	hexachlorobutadiene	2,000 U
bis(2-chloroethyl)ether	2,000 U	hexachlorocyclopentadiene	2,000 U
bis(2-chloroisopropyl)ether	2,000 U	hexachloroethane	2,000 U
bis(2-ethylhexyl)phthalate	2,000 U	indeno(1,2,3-cd)pyrene	2,000 U
4-bromophenyl phenyl ether	2,000 U	isophorone	2,000 U
2-chloronaphthalene	2,000 U	naphthalene	2,000 U
4-chlorophenyl phenyl ether	2,000 U	nitrobenzene	2,000 U
chrysene	2,000 U	N-nitrosodimethylamine	2,000 U
dibenzo(a,h)anthracene	2,000 U	N-nitrosodi-n-propylamine	2,000 U
di-n-butylphthalate	2,000 U	N-nitrosodiphenylamine ²	2,000 U
1,2-dichlorobenzene	2,000 U	phenanthrene	2,000 U
1,3-dichlorobenzene	2,000 U	pyrene	2,000 U
1,4-dichlorobenzene	2,000 U	1,2,4-trichlorobenzene	2,000 U

¹ Screened for as Azobenzene ² Detected as Diphenylamine

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Extraction: 08/22/89
Date of Analysis: 08/31/89

Sample was exposed to solvents prior to analysis.

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

BASE/NEUTRAL EXTRACTABLE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in µg/kg (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-7(0-4')
Lab Sample ID: JJ4595

<u>Compound</u>		<u>Compound</u>	
acenaphthene	3,900 U	3,3'-dichlorobenzidine	7,800 U
acenaphthylene	3,900 U	diethyl phthalate	3,900 U
anthracene	690 J	dimethyl phthalate	3,900 U
benzidine	19,000 U	2,4-dinitrotoluene	3,900 U
benzo(a)anthracene	2,000 J	2,6-dinitrotoluene	3,900 U
benzo(b)fluoranthene	2,100 J	di-n-octylphthalate	3,900 U
benzo(k)fluoranthene	1,500 J	1,2-diphenylhydrazine ¹	3,900 U
benzo(a)pyrene	2,000 J	fluoranthene	3,700 J
benzo(g,h,i)perylene	1,000 J	fluorene	3,900 U
benzyl butyl phthalate	3,900 U	hexachlorobenzene	3,900 U
bis(2-chloroethoxy)methane	3,900 U	hexachlorobutadiene	3,900 U
bis(2-chloroethyl)ether	3,900 U	hexachlorocyclopentadiene	3,900 U
bis(2-chloroisopropyl)ether	3,900 U	hexachloroethane	3,900 U
bis(2-ethylhexyl)phthalate	3,900 U	indeno(1,2,3-cd)pyrene	1,000 J
4-bromophenyl phenyl ether	3,900 U	isophorone	3,900 U
2-chloronaphthalene	3,900 U	naphthalene	3,900 U
4-chlorophenyl phenyl ether	3,900 U	nitrobenzene	3,900 U
chrysene	2,000 J	N-nitrosodimethylamine	3,900 U
dibenzo(a,h)anthracene	460 J	N-nitrosodi-n-propylamine	3,900 U
di-n-butylphthalate	3,900 U	N-nitrosodiphenylamine ²	3,900 U
1,2-dichlorobenzene	3,900 U	phenanthrene	2,400 J
1,3-dichlorobenzene	3,900 U	pyrene	3,400 J
1,4-dichlorobenzene	3,900 U	1,2,4-trichlorobenzene	3,900 U

¹ Screened for as Azobenzene ² Detected as Diphenylamine

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Extraction: 08/22/89
Date of Analysis: 08/31/89

Sample was exposed to solvents prior to analysis.

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

BASE/NEUTRAL EXTRACTABLE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in µg/kg (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-7(4-8')
Lab Sample ID: JJ4596

<u>Compound</u>		<u>Compound</u>	
acenaphthene	2,900 J	3,3'-dichlorobenzidine	9,800 U
acenaphthylene	4,900 U	diethyl phthalate	4,900 U
anthracene	2,300 J	dimethyl phthalate	4,900 U
benzidine	25,000 U	2,4-dinitrotoluene	4,900 U
benzo(a)anthracene	4,000 J	2,6-dinitrotoluene	4,900 U
benzo(b)fluoranthene	2,700 J	di-n-octylphthalate	4,900 U
benzo(k)fluoranthene	2,000 J	1,2-diphenylhydrazine ¹	4,900 U
benzo(a)pyrene	2,100 J	fluoranthene	8,000
benzo(g,h,i)perylene	4,900 U	fluorene	3,600 J
benzyl butyl phthalate	4,900 U	hexachlorobenzene	4,900 U
bis(2-chloroethoxy)methane	4,900 U	hexachlorobutadiene	4,900 U
bis(2-chloroethyl)ether	4,900 U	hexachlorocyclopentadiene	4,900 U
bis(2-chloroisopropyl)ether	4,900 U	hexachloroethane	4,900 U
bis(2-ethylhexyl)phthalate	21,000	indeno(1,2,3-cd)pyrene	4,900 U
4-bromophenyl phenyl ether	4,900 U	isophorone	4,900 U
2-chloronaphthalene	4,900 U	naphthalene	1,700 J
4-chlorophenyl phenyl ether	4,900 U	nitrobenzene	4,900 U
chrysene	4,900 U	N-nitrosodimethylamine	4,900 U
dibenzo(a,h)anthracene	4,900 U	N-nitrosodi-n-propylamine	4,900 U
di-n-butylphthalate	4,900 U	N-nitrosodiphenylamine ²	4,900 U
1,2-dichlorobenzene	4,900 U	phenanthrene	6,400
1,3-dichlorobenzene	4,900 U	pyrene	7,700
1,4-dichlorobenzene	580 J	1,2,4-trichlorobenzene	4,900 U

¹ Screened for as Azobenzene ² Detected as Diphenylamine

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Extraction: 08/22/89
Date of Analysis: 08/31/89

Sample was exposed to solvents prior to analysis.

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

BASE/NEUTRAL EXTRACTABLE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in ug/kg (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-8(0-4')
Lab Sample ID: JJ4597

<u>Compound</u>		<u>Compound</u>	
acenaphthene	3,000 U	3,3'-dichlorobenzidine	6,000 U
acenaphthylene	3,000 U	diethyl phthalate	3,000 U
anthracene	3,000 U	dimethyl phthalate	3,000 U
benzidine	15,000 U	2,4-dinitrotoluene	3,000 U
benzo(a)anthracene	3,000 U	2,6-dinitrotoluene	3,000 U
benzo(b)fluoranthene	3,000 U	di-n-octylphthalate	3,000 U
benzo(k)fluoranthene	3,000 U	1,2-diphenylhydrazine ¹	3,000 U
benzo(a)pyrene	3,000 U	fluoranthene	3,000 U
benzo(g,h,i)perylene	3,000 U	fluorene	3,000 U
benzyl butyl phthalate	3,000 U	hexachlorobenzene	3,000 U
bis(2-chloroethoxy)methane	3,000 U	hexachlorobutadiene	3,000 U
bis(2-chloroethyl)ether	3,000 U	hexachlorocyclopentadiene	3,000 U
bis(2-chloroisopropyl)ether	3,000 U	hexachloroethane	3,000 U
bis(2-ethylhexyl)phthalate	3,000 U	indeno(1,2,3-cd)pyrene	3,000 U
4-bromophenyl phenyl ether	3,000 U	isophorone	3,000 U
2-chloronaphthalene	3,000 U	naphthalene	3,000 U
4-chlorophenyl phenyl ether	3,000 U	nitrobenzene	3,000 U
chrysene	3,000 U	N-nitrosodimethylamine	3,000 U
dibenzo(a,h)anthracene	3,000 U	N-nitrosodi-n-propylamine	3,000 U
di-n-butylphthalate	3,000 U	N-nitrosodiphenylamine ²	3,000 U
1,2-dichlorobenzene	2,700 J	phenanthrene	3,000 U
1,3-dichlorobenzene	3,000 U	pyrene	3,000 U
1,4-dichlorobenzene	3,000 U	1,2,4-trichlorobenzene	3,000 U

¹ Screened for as Azobenzene ² Detected as Diphenylamine

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Extraction: 08/22/89
Date of Analysis: 08/31/89

Sample was exposed to solvents prior to analysis.

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

BASE/NEUTRAL EXTRACTABLE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in ug/kg (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-8(4-8')
Lab Sample ID: JJ4598

<u>Compound</u>		<u>Compound</u>	
acenaphthene	2,900 U	3,3'-dichlorobenzidine	5,800 U
acenaphthylene	2,900 U	diethyl phthalate	2,900 U
anthracene	2,900 U	dimethyl phthalate	2,900 U
benzidine	14,000 U	2,4-dinitrotoluene	2,900 U
benzo(a)anthracene	2,900 U	2,6-dinitrotoluene	2,900 U
benzo(b)fluoranthene	2,900 U	di-n-octylphthalate	2,900 U
benzo(k)fluoranthene	2,900 U	1,2-diphenylhydrazine ¹	2,900 U
benzo(a)pyrene	2,900 U	fluoranthene	2,900 U
benzo(g,h,i)perylene	2,900 U	fluorene	2,900 U
benzyl butyl phthalate	2,900 U	hexachlorobenzene	2,900 U
bis(2-chloroethoxy)methane	2,900 U	hexachlorobutadiene	2,900 U
bis(2-chloroethyl)ether	2,900 U	hexachlorocyclopentadiene	2,900 U
bis(2-chloroisopropyl)ether	2,900 U	hexachloroethane	2,900 U
bis(2-ethylhexyl)phthalate	2,900 U	indeno(1,2,3-cd)pyrene	2,900 U
4-bromophenyl phenyl ether	2,900 U	isophorone	2,900 U
2-chloronaphthalene	2,900 U	naphthalene	2,900 U
4-chlorophenyl phenyl ether	2,900 U	nitrobenzene	2,900 U
chrysene	2,900 U	N-nitrosodimethylamine	2,900 U
dibenzo(a,h)anthracene	2,900 U	N-nitrosodi-n-propylamine	2,900 U
di-n-butylphthalate	2,900 U	N-nitrosodiphenylamine ²	2,900 U
1,2-dichlorobenzene	1,100 J	phenanthrene	2,900 U
1,3-dichlorobenzene	2,900 U	pyrene	2,900 U
1,4-dichlorobenzene	2,900 U	1,2,4-trichlorobenzene	2,900 U

¹ Screened for as Azobenzene ² Detected as Diphenylamine

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Extraction: 08/22/89
Date of Analysis: 08/31/89

Sample was exposed to solvents prior to analysis.

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43967

BASE/NEUTRAL EXTRACTABLE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in ug/kg (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-9(0-4')
Lab Sample ID: JJ4628

<u>Compound</u>		<u>Compound</u>	
acenaphthene	4,900 U	3,3'-dichlorobenzidine	9,800 U
acenaphthylene	4,900 U	diethyl phthalate	4,900 U
anthracene	4,900 U	dimethyl phthalate	4,900 U
benzidine	24,000 U	2,4-dinitrotoluene	4,900 U
benzo(a)anthracene	4,900 U	2,6-dinitrotoluene	4,900 U
benzo(b)fluoranthene	4,900 U	di-n-octylphthalate	4,900 U
benzo(k)fluoranthene	4,900 U	1,2-diphenylhydrazine ¹	4,900 U
benzo(a)pyrene	4,900 U	fluoranthene	4,900 U
benzo(g,h,i)perylene	4,900 U	fluorene	4,900 U
benzyl butyl phthalate	4,900 U	hexachlorobenzene	4,900 U
bis(2-chloroethoxy)methane	4,900 U	hexachlorobutadiene	4,900 U
bis(2-chloroethyl)ether	4,900 U	hexachlorocyclopentadiene	4,900 U
bis(2-chloroisopropyl)ether	4,900 U	hexachloroethane	4,900 U
bis(2-ethylhexyl)phthalate	4,900 U	indeno(1,2,3-cd)pyrene	4,900 U
4-bromophenyl phenyl ether	4,900 U	isophorone	4,900 U
2-chloronaphthalene	4,900 U	naphthalene	4,900 U
4-chlorophenyl phenyl ether	4,900 U	nitrobenzene	4,900 U
chrysene	4,900 U	N-nitrosodimethylamine	4,900 U
dibenzo(a,h)anthracene	4,900 U	N-nitrosodi-n-propylamine	4,900 U
di-n-butylphthalate	4,900 U	N-nitrosodiphenylamine ²	4,900 U
1,2-dichlorobenzene	4,900 U	phenanthrene	4,900 U
1,3-dichlorobenzene	4,900 U	pyrene	4,900 U
1,4-dichlorobenzene	4,900 U	1,2,4-trichlorobenzene	4,900 U

¹ Screened for as Azobenzene ² Detected as Diphenylamine

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Extraction: 08/24/89
Date of Analysis: 08/31/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43967

BASE/NEUTRAL EXTRACTABLE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in $\mu\text{g}/\text{kg}$ (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-9(4-8')
Lab Sample ID: JJ4629

<u>Compound</u>		<u>Compound</u>	
acenaphthene	980 U	3,3'-dichlorobenzidine	2,000 U
acenaphthylene	980 U	diethyl phthalate	980 U
anthracene	980 U	dimethyl phthalate	980 U
benzidine	4,900 U	2,4-dinitrotoluene	980 U
benzo(a)anthracene	980 U	2,6-dinitrotoluene	980 U
benzo(b)fluoranthene	980 U	di-n-octylphthalate	980 U
benzo(k)fluoranthene	980 U	1,2-diphenylhydrazine ¹	980 U
benzo(a)pyrene	980 U	fluoranthene	980 U
benzo(g,h,i)perylene	980 U	fluorene	980 U
benzyl butyl phthalate	980 U	hexachlorobenzene	980 U
bis(2-chloroethoxy)methane	980 U	hexachlorobutadiene	980 U
bis(2-chloroethyl)ether	980 U	hexachlorocyclopentadiene	980 U
bis(2-chloroisopropyl)ether	980 U	hexachloroethane	980 U
bis(2-ethylhexyl)phthalate	980 U	indeno(1,2,3-cd)pyrene	980 U
4-bromophenyl phenyl ether	980 U	isophorone	980 U
2-chloronaphthalene	980 U	naphthalene	980 U
4-chlorophenyl phenyl ether	980 U	nitrobenzene	980 U
chrysene	980 U	N-nitrosodimethylamine	980 U
dibenzo(a,h)anthracene	980 U	N-nitrosodi-n-propylamine	980 U
di-n-butylphthalate	980 U	N-nitrosodiphenylamine ²	980 U
1,2-dichlorobenzene	980 U	phenanthrene	980 U
1,3-dichlorobenzene	980 U	pyrene	980 U
1,4-dichlorobenzene	980 U	1,2,4-trichlorobenzene	980 U

¹ Screened for as Azobenzene ² Detected as Diphenylamine

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Extraction: 08/24/89
Date of Analysis: 08/31/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

BASE/NEUTRAL EXTRACTABLE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in $\mu\text{g}/\text{kg}$ (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-10(0-4')
Lab Sample ID: JJ4599

<u>Compound</u>		<u>Compound</u>	
acenaphthene	3,800 U	3,3'-dichlorobenzidine	7,700 U
acenaphthylene	3,800 U	diethyl phthalate	3,800 U
anthracene	3,800 U	dimethyl phthalate	3,800 U
benzidine	19,000 U	2,4-dinitrotoluene	3,800 U
benzo(a)anthracene	3,800 U	2,6-dinitrotoluene	3,800 U
benzo(b)fluoranthene	3,800 U	di-n-octylphthalate	3,800 U
benzo(k)fluoranthene	3,800 U	1,2-diphenylhydrazine ¹	3,800 U
benzo(a)pyrene	3,800 U	fluoranthene	3,800 U
benzo(g,h,i)perylene	3,800 U	fluorene	3,800 U
benzyl butyl phthalate	3,800 U	hexachlorobenzene	3,800 U
bis(2-chloroethoxy)methane	3,800 U	hexachlorobutadiene	3,800 U
bis(2-chloroethyl)ether	3,800 U	hexachlorocyclopentadiene	3,800 U
bis(2-chloroisopropyl)ether	3,800 U	hexachloroethane	3,800 U
bis(2-ethylhexyl)phthalate	3,800 U	indeno(1,2,3-cd)pyrene	3,800 U
4-bromophenyl phenyl ether	3,800 U	isophorone	3,800 U
2-chloronaphthalene	3,800 U	naphthalene	3,800 U
4-chlorophenyl phenyl ether	3,800 U	nitrobenzene	3,800 U
chrysene	3,800 U	N-nitrosodimethylamine	3,800 U
dibenzo(a,h)anthracene	3,800 U	N-nitrosodi-n-propylamine	3,800 U
di-n-butylphthalate	3,800 U	N-nitrosodiphenylamine ²	3,800 U
1,2-dichlorobenzene	3,800 U	phenanthrene	3,800 U
1,3-dichlorobenzene	3,800 U	pyrene	3,800 U
1,4-dichlorobenzene	3,800 U	1,2,4-trichlorobenzene	3,800 U

¹ Screened for as Azobenzene ² Detected as Diphenylamine

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Extraction: 08/22/89

Date of Analysis: 08/31/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

BASE/NEUTRAL EXTRACTABLE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in ug/kg (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-10(4-8')

Lab Sample ID: JJ4600

<u>Compound</u>		<u>Compound</u>	
acenaphthene	2,900 U	3,3'-dichlorobenzidine	5,800 U
acenaphthylene	2,900 U	diethyl phthalate	2,900 U
anthracene	2,900 U	dimethyl phthalate	2,900 U
benzidine	14,000 U	2,4-dinitrotoluene	2,900 U
benzo(a)anthracene	2,900 U	2,6-dinitrotoluene	2,900 U
benzo(b)fluoranthene	2,900 U	di-n-octylphthalate	2,900 U
benzo(k)fluoranthene	2,900 U	1,2-diphenylhydrazine ¹	2,900 U
benzo(a)pyrene	2,900 U	fluoranthene	2,900 U
benzo(g,h,i)perylene	2,900 U	fluorene	2,900 U
benzyl butyl phthalate	2,900 U	hexachlorobenzene	2,900 U
bis(2-chloroethoxy)methane	2,900 U	hexachlorobutadiene	2,900 U
bis(2-chloroethyl)ether	2,900 U	hexachlorocyclopentadiene	2,900 U
bis(2-chloroisopropyl)ether	2,900 U	hexachloroethane	2,900 U
bis(2-ethylhexyl)phthalate	2,900 U	indeno(1,2,3-cd)pyrene	2,900 U
4-bromophenyl phenyl ether	2,900 U	isophorone	2,900 U
2-chloronaphthalene	2,900 U	naphthalene	2,900 U
4-chlorophenyl phenyl ether	2,900 U	nitrobenzene	2,900 U
chrysene	2,900 U	N-nitrosodimethylamine	2,900 U
dibenzo(a,h)anthracene	2,900 U	N-nitrosodi-n-propylamine	2,900 U
di-n-butylphthalate	2,900 U	N-nitrosodiphenylamine ²	2,900 U
1,2-dichlorobenzene	2,900 U	phenanthrene	2,900 U
1,3-dichlorobenzene	2,900 U	pyrene	2,900 U
1,4-dichlorobenzene	2,900 U	1,2,4-trichlorobenzene	2,900 U

¹ Screened for as Azobenzene ² Detected as Diphenylamine

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Extraction: 08/22/89

Date of Analysis: 08/31/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

BASE/NEUTRAL EXTRACTABLE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in $\mu\text{g}/\text{kg}$ (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-11(0-2')
Lab Sample ID: JJ4601

<u>Compound</u>		<u>Compound</u>	
acenaphthene	3,900 U	3,3'-dichlorobenzidine	7,800 U
acenaphthylene	1,800 J	diethyl phthalate	3,900 U
anthracene	1,500 J	dimethyl phthalate	3,900 U
benzidine	19,000 U	2,4-dinitrotoluene	3,900 U
benzo(a)anthracene	2,200 J	2,6-dinitrotoluene	3,900 U
benzo(b)fluoranthene	1,900 J	di-n-octylphthalate	3,900 U
benzo(k)fluoranthene	1,500 J	1,2-diphenylhydrazine ¹	3,900 U
benzo(a)pyrene	3,900 U	fluoranthene	5,400
benzo(g,h,i)perylene	3,900 U	fluorene	450 J
benzyl butyl phthalate	3,900 U	hexachlorobenzene	3,900 U
bis(2-chloroethoxy)methane	3,900 U	hexachlorobutadiene	3,900 U
bis(2-chloroethyl)ether	3,900 U	hexachlorocyclopentadiene	3,900 U
bis(2-chloroisopropyl)ether	3,900 U	hexachloroethane	3,900 U
bis(2-ethylhexyl)phthalate	3,900 U	indeno(1,2,3-cd)pyrene	3,900 U
4-bromophenyl phenyl ether	3,900 U	isophorone	3,900 U
2-chloronaphthalene	3,900 U	naphthalene	3,900 U
4-chlorophenyl phenyl ether	3,900 U	nitrobenzene	3,900 U
chrysene	2,500 J	N-nitrosodimethylamine	3,900 U
dibenzo(a,h)anthracene	3,900 U	N-nitrosodi-n-propylamine	3,900 U
di-n-butylphthalate	3,900 U	N-nitrosodiphenylamine ²	3,900 U
1,2-dichlorobenzene	3,900 U	phenanthrene	3,800 J
1,3-dichlorobenzene	3,900 U	pyrene	5,600
1,4-dichlorobenzene	3,900 U	1,2,4-trichlorobenzene	3,900 U

¹ Screened for as Azobenzene ² Detected as Diphenylamine

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Extraction: 08/22/89
Date of Analysis: 08/31/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

BASE/NEUTRAL EXTRACTABLE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in ug/kg (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-11(2-4')
Lab Sample ID: JJ4602

<u>Compound</u>		<u>Compound</u>	
acenaphthene	1,900 U	3,3'-dichlorobenzidine	3,800 U
acenaphthylene	1,900 U	diethyl phthalate	1,900 U
anthracene	1,900 U	dimethyl phthalate	1,900 U
benzidine	9,500 U	2,4-dinitrotoluene	1,900 U
benzo(a)anthracene	1,900 U	2,6-dinitrotoluene	1,900 U
benzo(b)fluoranthene	1,900 U	di-n-octylphthalate	1,900 U
benzo(k)fluoranthene	1,900 U	1,2-diphenylhydrazine ¹	1,900 U
benzo(a)pyrene	1,900 U	fluoranthene	1,900 U
benzo(g,h,i)perylene	1,900 U	fluorene	1,900 U
benzyl butyl phthalate	1,900 U	hexachlorobenzene	1,900 U
bis(2-chloroethoxy)methane	1,900 U	hexachlorobutadiene	1,900 U
bis(2-chloroethyl)ether	1,900 U	hexachlorocyclopentadiene	1,900 U
bis(2-chloroisopropyl)ether	1,900 U	hexachloroethane	1,900 U
bis(2-ethylhexyl)phthalate	1,900 U	indeno(1,2,3-cd)pyrene	1,900 U
4-bromophenyl phenyl ether	1,900 U	isophorone	1,900 U
2-chloronaphthalene	1,900 U	naphthalene	1,900 U
4-chlorophenyl phenyl ether	1,900 U	nitrobenzene	1,900 U
chrysene	1,900 U	N-nitrosodimethylamine	1,900 U
dibenzo(a,h)anthracene	1,900 U	N-nitrosodi-n-propylamine	1,900 U
di-n-butylphthalate	1,900 U	N-nitrosodiphenylamine ²	1,900 U
1,2-dichlorobenzene	1,900 U	phenanthrene	1,900 U
1,3-dichlorobenzene	1,900 U	pyrene	1,900 U
1,4-dichlorobenzene	1,900 U	1,2,4-trichlorobenzene	1,900 U

¹ Screened for as Azobenzene ² Detected as Diphenylamine

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Extraction: 08/22/89
Date of Analysis: 08/31/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

BASE/NEUTRAL EXTRACTABLE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in $\mu\text{g}/\text{kg}$ (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-11(4-6')
Lab Sample ID: JJ4603

<u>Compound</u>		<u>Compound</u>	
acenaphthene	1,900 U	3,3'-dichlorobenzidine	3,800 U
acenaphthylene	1,900 U	diethyl phthalate	1,900 U
anthracene	1,900 U	dimethyl phthalate	1,900 U
benzidine	9,500 U	2,4-dinitrotoluene	1,900 U
benzo(a)anthracene	1,900 U	2,6-dinitrotoluene	1,900 U
benzo(b)fluoranthene	1,900 U	di-n-octylphthalate	1,900 U
benzo(k)fluoranthene	1,900 U	1,2-diphenylhydrazine ¹	1,900 U
benzo(a)pyrene	1,900 U	fluoranthene	1,900 U
benzo(g,h,i)perylene	1,900 U	fluorene	1,900 U
benzyl butyl phthalate	1,900 U	hexachlorobenzene	1,900 U
bis(2-chloroethoxy)methane	1,900 U	hexachlorobutadiene	1,900 U
bis(2-chloroethyl)ether	1,900 U	hexachlorocyclopentadiene	1,900 U
bis(2-chloroisopropyl)ether	1,900 U	hexachloroethane	1,900 U
bis(2-ethylhexyl)phthalate	1,900 U	indeno(1,2,3-cd)pyrene	1,900 U
4-bromophenyl phenyl ether	1,900 U	isophorone	1,900 U
2-chloronaphthalene	1,900 U	naphthalene	1,900 U
4-chlorophenyl phenyl ether	1,900 U	nitrobenzene	1,900 U
chrysene	1,900 U	N-nitrosodimethylamine	1,900 U
dibenzo(a,h)anthracene	1,900 U	N-nitrosodi-n-propylamine	1,900 U
di-n-butylphthalate	1,900 U	N-nitrosodiphenylamine ²	1,900 U
1,2-dichlorobenzene	1,900 U	phenanthrene	1,900 U
1,3-dichlorobenzene	1,900 U	pyrene	1,900 U
1,4-dichlorobenzene	1,900 U	1,2,4-trichlorobenzene	1,900 U

¹ Screened for as Azobenzene ² Detected as Diphenylamine

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Extraction: 08/22/89
Date of Analysis: 08/31/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

PRIORITY POLLUTANT METALS

Results in mg/kg (ppm)

Sample Matrix: Soil

Client Sample ID: Lab Sample ID:	Method Blank PBSC0530	120W-5(0-4') JJ4591	120W-5(4-8') JJ4592
Antimony	3 U	3 U	3 U
Arsenic	3 U	3 U	3 U
Beryllium	0.1 U	0.2	0.2 U
Cadmium	0.5 U	0.5 U	0.5 U
Chromium	1 U	9	4
Copper	1 U	81	56
Lead	3 U	21	16
Mercury	0.1 U	1.1	1.3
Nickel	2 U	18	7
Selenium	6 U	6 U	6 U
Silver	0.5 U	0.5 U	0.5 U
Thallium	3 U	3 U	3 U
Zinc	2.7	38.1	21.1

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Digestion: 08/23/89

Date of Analysis: CVAA - 08/24/89 - ICP - 08/28/89

Note: Samples JJ4591-98 were exposed to solvents prior to analysis.

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

PRIORITY POLLUTANT METALS

Results in mg/kg (ppm)

Sample Matrix: Soil

Client Sample ID: Lab Sample ID:	<u>120W-6(0-4') JJ4593</u>	<u>120W-6(4-8') JJ4594</u>	<u>120W-7(0-4') JJ4595</u>
Antimony	3 U	3 U	7
Arsenic	3 U	3 U	3 U
Beryllium	0.2 U	0.3	0.2
Cadmium	0.5 U	0.5 U	0.5
Chromium	4	6	10
Copper	10	11	41
Lead	6	12	78
Mercury	0.1 U	0.1 U	1.7
Nickel	9	13	16
Selenium	6 U	6 U	6 U
Silver	0.5 U	0.5 U	0.5 U
Thallium	3 U	3 U	3 U
Zinc	25.3	38.5	133

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Digestion: 08/23/89

Date of Analysis: CVAA - 08/24/89 - ICP - 08/28/89

Note: Samples JJ4591-98 were exposed to solvents prior to analysis.

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

PRIORITY POLLUTANT METALS

Results in mg/kg (ppm)

Sample Matrix: Soil

Client Sample ID: Lab Sample ID:	120W-7(4-8') <u>JJ4596</u>	120W-8(0-4') <u>JJ4597</u>	120W-8(4-8') <u>JJ4598</u>
Antimony	3 U	3 U	3 U
Arsenic	3 U	3 U	3 U
Beryllium	0.1 U	0.1 U	0.1
Cadmium	1.3	0.5 U	0.7
Chromium	135	6	4
Copper	49	13	16
Lead	667	8	12
Mercury	2.6	0.1 U	0.1 U
Nickel	21	13	13
Selenium	6 U	6 U	6 U
Silver	0.5 U	0.5 U	0.5 U
Thallium	3 U	3 U	3 U
Zinc	476	39.1	31.2

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Digestion: 08/23/89

Date of Analysis: CVAA - 08/24/89 - ICP - 08/28/89

Note: Samples JJ4591-98 were exposed to solvents prior to analysis.

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43967

PRIORITY POLLUTANT METALS

Results in mg/kg (ppm)

Sample Matrix: Soil

Client Sample ID: Lab Sample ID:	Method Blank <u>PBSC0530</u>	120W-9(0-4') <u>JJ4628</u>	120W-9(4-8') <u>JJ4629</u>
Antimony	3 U	3 U	3 U
Arsenic	3 U	3 U	3 U
Beryllium	0.1 U	0.1 U	0.1 U
Cadmium	0.5 U	0.5 U	0.5 U
Chromium	1 U	9	5
Copper	1 U	38	26
Lead	3 U	14	7
Mercury	0.1 U	0.1	0.1 U
Nickel	2 U	16	8
Selenium	6 U	6 U	6 U
Silver	0.5 U	0.5 U	0.5 U
Thallium	3 U	3 U	3 U
Zinc	2.7	53.8	23.5

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Digestion: 08/28/89

Date of Analysis: CVAA - 08/24/89 - ICP - 08/28/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

PRIORITY POLLUTANT METALS

Results in mg/kg (ppm)

Sample Matrix: Soil

Client Sample ID: Lab Sample ID:	120W-10(0-4') JJ4599	120W-10(4-8') JJ4600	120W-11(0-2') JJ4601
Antimony	3	3 U	3 U
Arsenic	3 U	3 U	3 U
Beryllium	0.2	0.2	0.2
Cadmium	0.5 U	0.5 U	0.5 U
Chromium	6	5	6
Copper	12	8	30
Lead	9	11	30
Mercury	0.1 U	0.1 U	0.1
Nickel	10	8	14
Selenium	6 U	6 U	6 U
Silver	0.5 U	0.5 U	0.5 U
Thallium	3 U	3 U	3 U
Zinc	32.2	27.3	38.6

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Digestion: 08/23/89

Date of Analysis: CVAA - 08/24/89 - ICP - 08/28/89

Note: Samples JJ4591-98 were exposed to solvents prior to analysis

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

PRIORITY POLLUTANT METALS

Results in mg/kg (ppm)

Sample Matrix: Soil

Client Sample ID:	120W-11(2-4')	120W-11(4-6')
Lab Sample ID:	<u>JJ4602</u>	<u>JJ4603</u>
Antimony	3 U	3 U
Arsenic	3 U	4
Beryllium	0.3	0.4
Cadmium	0.5 U	0.5 U
Chromium	5	7
Copper	37	8,320
Lead	27	22
Mercury	0.1 U	0.1 U
Nickel	8	19
Selenium	6 U	6 U
Silver	0.5 U	0.5 U
Thallium	3 U	3 U
Zinc	16.7	55.7

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

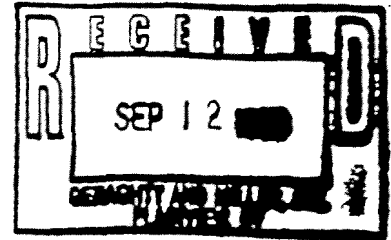
Date of Digestion: 08/23/89

Date of Analysis: CVAA - 08/24/89 - ICP - 08/28/89

Note: Samples JJ4591-98 were exposed to solvents prior to analysis.



ANALYTICAL SERVICES



CERTIFICATE OF ANALYSIS

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803
ATTN: Doug Newton

August 31, 1989

Job Number: GMIN 43962

P.O. Number: NY0360TP01

This is the Certificate of Analysis for the following samples:

Client Project ID: G.E. Pittsfield
Date Received by Lab: 08/22/89
Number of Samples: Thirteen (13)
Sample Type: Soil

WASTEWATER ANALYSIS

Results in mg/kg (ppm)

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Phenols</u>	<u>Cyanide</u>
Method Blank	-	0.5 U	0.5 U
120W-5(0-4')	JJ4591	1.5	0.5 U
120W-5(4-8')	JJ4592	20	0.5 U
120W-6(0-4')	JJ4593	1.2	0.5 U
120W-6(4-8')	JJ4594	7.2	0.5 U
120W-7(0-4')	JJ4595	0.5 U	0.5 U
120W-7(4-8')	JJ4596	2.5	0.9
120W-8(0-4')	JJ4597	0.5 U	0.5 U
120W-8(4-8')	JJ4598	8.3	0.5 U
120W-10(0-4')	JJ4599	0.5 U	0.5 U
120W-10(4-8')	JJ4600	30	0.5 U
120W-11(0-2')	JJ4601	0.7	0.5 U
120W-11(2-4')	JJ4602	0.5 U	0.5 U
120W-11(4-6')	JJ4603	1.9	0.5 U

U - Compound analyzed for but not detected. The number is the detection limit for the sample.

Date of Analysis: 08/28/89

Note: Samples JJ4591-98 were exposed to solvents prior to analysis.

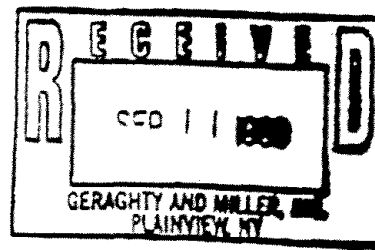
Reviewed and Approved:

Alyce Moore
Laboratory Manager



INTERNATIONAL
TECHNOLOGY
CORPORATION

ANALYTICAL SERVICES



CERTIFICATE OF ANALYSIS

Geraghty & Miller, Inc.
125 East Bethpage Road
Plainview, NY 11803
ATTN: Doug Newton

August 31, 1989

Job Number: GMIN 43967

P.O. Number: NY0360TP01

This is the Certificate of Analysis for the following samples:

Client Project ID: G.E. Pittsfield
Date Received by Lab: 08/23/89
Number of Samples: Two (2)
Sample Type: Soil

WASTEWATER ANALYSIS

Results in mg/kg (ppm)

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Cyanide</u>	<u>Phenols</u>
Method Blank	-	0.5 U	0.5 U
120W-9 (0-4')	JJ4628	0.5 U	0.5 U
120W-9 (4-8')	JJ4629	0.5 U	0.8

U - Compound analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Analysis: 08/28/89

Reviewed and Approved:

Alyce Moore
Alyce Moore
Laboratory Manager

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

VOLATILE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in $\mu\text{g}/\text{kg}$ (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-5(0-4')
Lab Sample ID: JJ4591

<u>Compound</u>		<u>Compound</u>	
acrolein	10 U	1,1-dichloroethene	5 U
acrylonitrile	10 U	trans-1,2-dichloroethene	5 U
benzene	5 U	1,2-dichloropropane	5 U
bromodichloromethane	5 U	cis-1,3-dichloropropene	5 U
bromoform	5 U	trans-1,3-dichloropropene	5 U
bromomethane	10 U	ethyl benzene	5 U
carbon tetrachloride	2 J	methylene chloride	18
chlorobenzene	9	1,1,2,2-tetrachloroethane	5 U
chloroethane	10 U	tetrachloroethene	5 U
2-chloroethylvinyl ether	10 U	toluene	4 J
chloroform	5 U	1,1,1-trichloroethane	5 U
chloromethane	10 U	1,1,2-trichloroethane	5 U
dibromochloromethane	5 U	trichloroethene	5 U
1,1-dichloroethane	5 U	vinyl chloride	10 U
1,2-dichloroethane	5 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Analysis: 08/29/89

Sample was exposed to solvents prior to analysis.

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

VOLATILE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in ug/kg (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-5(4-8')
Lab Sample ID: JJ4592

<u>Compound</u>		<u>Compound</u>	
acrolein	10 U	1,1-dichloroethene	5 U
acrylonitrile	10 U	trans-1,2-dichloroethene	5 U
benzene	120	1,2-dichloropropane	5 U
bromodichloromethane	5 U	cis-1,3-dichloropropene	5 U
bromoform	5 U	trans-1,3-dichloropropene	5 U
bromomethane	10 U	ethyl benzene	9
carbon tetrachloride	5 U	methylene chloride	7
chlorobenzene	12,000 D	1,1,2,2-tetrachloroethane	5 U
chloroethane	10 U	tetrachloroethene	5 U
2-chloroethylvinyl ether	10 U	toluene	27
chloroform	5 U	1,1,1-trichloroethane	5 U
chloromethane	10 U	1,1,2-trichloroethane	5 U
dibromochloromethane	5 U	trichloroethene	5 U
1,1-dichloroethane	5 U	vinyl chloride	10 U
1,2-dichloroethane	5 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

D - Compound analyzed at a secondary dilution factor.

Date of Analysis: 08/30/89

Sample was exposed to solvents prior to analysis.

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

VOLATILE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in $\mu\text{g}/\text{kg}$ (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-6(0-4')

Lab Sample ID: JJ4593

<u>Compound</u>		<u>Compound</u>	
acrolein	10 U	1,1-dichloroethene	5 U
acrylonitrile	10 U	trans-1,2-dichloroethene	5 U
benzene	5 U	1,2-dichloropropane	5 U
bromodichloromethane	5 U	cis-1,3-dichloropropene	5 U
bromoform	5 U	trans-1,3-dichloropropene	5 U
bromomethane	10 U	ethyl benzene	5 U
carbon tetrachloride	5 U	methylene chloride	6
chlorobenzene	17	1,1,2,2-tetrachloroethane	5 U
chloroethane	10 U	tetrachloroethene	5 U
2-chloroethylvinyl ether	10 U	toluene	2 J
chloroform	5 U	1,1,1-trichloroethane	5 U
chloromethane	10 U	1,1,2-trichloroethane	5 U
dibromochloromethane	5 U	trichloroethene	5 U
1,1-dichloroethane	5 U	vinyl chloride	10 U
1,2-dichloroethane	5 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Analysis: 08/30/89

Sample was exposed to solvents prior to analysis.

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

VOLATILE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in $\mu\text{g}/\text{kg}$ (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-6(4-8')
Lab Sample ID: JJ4594

<u>Compound</u>		<u>Compound</u>	
acrolein	10 U	1,1-dichloroethene	5 U
acrylonitrile	10 U	trans-1,2-dichloroethene	5 U
benzene	3 J	1,2-dichloropropane	5 U
bromodichloromethane	5 U	cis-1,3-dichloropropene	5 U
bromoform	5 U	trans-1,3-dichloropropene	5 U
bromomethane	10 U	ethyl benzene	5 U
carbon tetrachloride	5 U	methylene chloride	4 J
chlorobenzene	75 U	1,1,2,2-tetrachloroethane	5 U
chloroethane	10 U	tetrachloroethene	5 U
2-chloroethylvinyl ether	10 U	toluene	8 U
chloroform	5 U	1,1,1-trichloroethane	5 U
chloromethane	10 U	1,1,2-trichloroethane	5 U
dibromochloromethane	5 U	trichloroethene	5 U
1,1-dichloroethane	5 U	vinyl chloride	10 U
1,2-dichloroethane	5 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Analysis: 08/30/89

Sample was exposed to solvents prior to analysis.

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

VOLATILE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in ug/kg (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-7(0-4') DL
Lab Sample ID: JJ4595D

<u>Compound</u>		<u>Compound</u>	
acrolein	1,200 U	1,1-dichloroethene	620 U
acrylonitrile	1,200 U	trans-1,2-dichloroethene	620 U
benzene	620 U	1,2-dichloropropane	620 U
bromodichloromethane	620 U	cis-1,3-dichloropropene	620 U
bromoform	620 U	trans-1,3-dichloropropene	620 U
bromomethane	1,200 U	ethyl benzene	620 U
carbon tetrachloride	620 U	methylene chloride	620 U
chlorobenzene	550 J	1,1,2,2-tetrachloroethane	620 U
chloroethane	1,200 U	tetrachloroethene	620 U
2-chloroethylvinyl ether	1,200 U	toluene	1,700 ✓
chloroform	620 U	1,1,1-trichloroethane	620 U
chloromethane	1,200 U	1,1,2-trichloroethane	620 U
dibromochloromethane	620 U	trichloroethene	620 U
1,1-dichloroethane	620 U	vinyl chloride	1,200 U
1,2-dichloroethane	620 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Analysis: 08/30/89

Sample was exposed to solvents prior to analysis.

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

VOLATILE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in ug/kg (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-7(4-8') DL
Lab Sample ID: JJ4596D

<u>Compound</u>		<u>Compound</u>	
acrolein	1,200 U	1,1-dichloroethene	620 U
acrylonitrile	1,200 U	trans-1,2-dichloroethene	620 U
benzene	620 U	1,2-dichloropropane	620 U
bromodichloromethane	620 U	cis-1,3-dichloropropene	620 U
bromoform	620 U	trans-1,3-dichloropropene	620 U
bromomethane	1,200 U	ethyl benzene	620 U
carbon tetrachloride	620 U	methylene chloride	620 U
chlorobenzene	7,800	1,1,2,2-tetrachloroethane	620 U
chloroethane	1,200 U	tetrachloroethene	620 U
2-chloroethylvinyl ether	1,200 U	toluene	4,600
chloroform	620 U	1,1,1-trichloroethane	620 U
chloromethane	1,200 U	1,1,2-trichloroethane	620 U
dibromochloromethane	620 U	trichloroethene	620 U
1,1-dichloroethane	620 U	vinyl chloride	1,200 U
1,2-dichloroethane	620 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Analysis: 08/30/89

Sample was exposed to solvents prior to analysis.

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

VOLATILE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in ug/kg (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-8(0-4')
Lab Sample ID: JJ4597

<u>Compound</u>		<u>Compound</u>	
acrolein	10 U	1,1-dichloroethene	5 U
acrylonitrile	10 U	trans-1,2-dichloroethene	5 U
benzene	5 U	1,2-dichloropropane	5 U
bromodichloromethane	5 U	cis-1,3-dichloropropene	5 U
bromoform	5 U	trans-1,3-dichloropropene	5 U
bromomethane	10 U	ethyl benzene	5 U
carbon tetrachloride	5 U	methylene chloride	4 J
chlorobenzene	5 U	1,1,2,2-tetrachloroethane	5 U
chloroethane	10 U	tetrachloroethene	5 U
2-chloroethylvinyl ether	10 U	toluene	2 J
chloroform	5 U	1,1,1-trichloroethane	5 U
chloromethane	10 U	1,1,2-trichloroethane	5 U
dibromochloromethane	5 U	trichloroethene	2 J
1,1-dichloroethane	5 U	vinyl chloride	10 U
1,2-dichloroethane	5 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Analysis: 08/30/89

Sample was exposed to solvents prior to analysis.

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

VOLATILE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in $\mu\text{g}/\text{kg}$ (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-8(4-8')
Lab Sample ID: JJ4598

<u>Compound</u>		<u>Compound</u>	
acrolein	10 U	1,1-dichloroethene	5 U
acrylonitrile	10 U	trans-1,2-dichloroethene	5 U
benzene	11 ✓	1,2-dichloropropane	5 U
bromodichloromethane	5 U	cis-1,3-dichloropropene	5 U
bromoform	5 U	trans-1,3-dichloropropene	5 U
bromomethane	10 U	ethyl benzene	5 U
carbon tetrachloride	5 U	methylene chloride	5 U
chlorobenzene	140 ✓	1,1,2,2-tetrachloroethane	5 U
chloroethane	10 U	tetrachloroethene	5 U
2-chloroethylvinyl ether	10 U	toluene	22 ✓
chloroform	5 U	1,1,1-trichloroethane	5 U
chloromethane	10 U	1,1,2-trichloroethane	5 U
dibromochloromethane	5 U	trichloroethene	5 U
1,1-dichloroethane	5 U	vinyl chloride	10 U
1,2-dichloroethane	5 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Analysis: 08/30/89

Sample was exposed to solvents prior to analysis.

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43967

VOLATILE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in $\mu\text{g}/\text{kg}$ (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-9(0-4')
Lab Sample ID: JJ4628

<u>Compound</u>		<u>Compound</u>	
acrolein	10 U	1,1-dichloroethene	5 U
acrylonitrile	10 U	trans-1,2-dichloroethene	5 U
benzene	5 U	1,2-dichloropropane	5 U
bromodichloromethane	5 U	cis-1,3-dichloropropene	5 U
bromoform	5 U	trans-1,3-dichloropropene	5 U
bromomethane	10 U	ethyl benzene	5 U
carbon tetrachloride	5 U	methylene chloride	11 U
chlorobenzene	5 U	1,1,2,2-tetrachloroethane	5 U
chloroethane	10 U	tetrachloroethene	5 U
2-chloroethylvinyl ether	10 U	toluene	5 U
chloroform	5 U	1,1,1-trichloroethane	5 U
chloromethane	10 U	1,1,2-trichloroethane	5 U
dibromochloromethane	5 U	trichloroethene	5 U
1,1-dichloroethane	5 U	vinyl chloride	10 U
1,2-dichloroethane	5 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Analysis: 08/29/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43967

VOLATILE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in ug/kg (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-9(4-8')
Lab Sample ID: JJ4629

<u>Compound</u>		<u>Compound</u>	
acrolein	10 U	1,1-dichloroethene	5 U
acrylonitrile	10 U	trans-1,2-dichloroethene	5 U
benzene	5 U	1,2-dichloropropane	5 U
bromodichloromethane	5 U	cis-1,3-dichloropropene	5 U
bromoform	5 U	trans-1,3-dichloropropene	5 U
bromomethane	10 U	ethyl benzene	5 U
carbon tetrachloride	5 U	methylene chloride	11 U
chlorobenzene	5 U	1,1,2,2-tetrachloroethane	5 U
chloroethane	10 U	tetrachloroethene	5 U
2-chloroethylvinyl ether	10 U	toluene	5 U
chloroform	5 U	1,1,1-trichloroethane	5 U
chloromethane	10 U	1,1,2-trichloroethane	5 U
dibromochloromethane	5 U	trichloroethene	5 U
1,1-dichloroethane	5 U	vinyl chloride	10 U
1,2-dichloroethane	5 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Analysis: 08/29/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

VOLATILE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in $\mu\text{g}/\text{kg}$ (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-10(0-4')
Lab Sample ID: JJ4599

<u>Compound</u>		<u>Compound</u>	
acrolein	10 U	1,1-dichloroethene	5 U
acrylonitrile	10 U	trans-1,2-dichloroethene	5 U
benzene	5 U	1,2-dichloropropane	5 U
bromodichloromethane	5 U	cis-1,3-dichloropropene	5 U
bromoform	5 U	trans-1,3-dichloropropene	5 U
bromomethane	10 U	ethyl benzene	5 U
carbon tetrachloride	1 J	methylene chloride	14
chlorobenzene	2 J	1,1,2,2-tetrachloroethane	5 U
chloroethane	10 U	tetrachloroethene	5 U
2-chloroethylvinyl ether	10 U	toluene	7
chloroform	5 U	1,1,1-trichloroethane	5 U
chloromethane	10 U	1,1,2-trichloroethane	5 U
dibromochloromethane	5 U	trichloroethene	5 U
1,1-dichloroethane	5 U	vinyl chloride	10 U
1,2-dichloroethane	5 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Analysis: 08/30/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

VOLATILE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in $\mu\text{g}/\text{kg}$ (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-10(4-8')
Lab Sample ID: JJ4600

<u>Compound</u>		<u>Compound</u>	
acrolein	10 U	1,1-dichloroethene	5 U
acrylonitrile	10 U	trans-1,2-dichloroethene	5 U
benzene	120	1,2-dichloropropane	5 U
bromodichloromethane	3 J	cis-1,3-dichloropropene	5 U
bromoform	5 U	trans-1,3-dichloropropene	5 U
bromomethane	10 U	ethyl benzene	250 E
carbon tetrachloride	1 J	methylene chloride	17
chlorobenzene	3,100 D	1,1,2,2-tetrachloroethane	5 U
chloroethane	10 U	tetrachloroethene	5 U
2-chloroethylvinyl ether	10 U	toluene	1,500
chloroform	13	1,1,1-trichloroethane	5 U
chloromethane	10 U	1,1,2-trichloroethane	5 U
dibromochloromethane	5 U	trichloroethene	5 U
1,1-dichloroethane	5 U	vinyl chloride	10 U
1,2-dichloroethane	5 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

D - Compound analyzed at a secondary dilution factor.

E - Compound outside calibration range, but within instrument's linear range.

Date of Analysis: 08/30/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

VOLATILE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in $\mu\text{g}/\text{kg}$ (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-11(0-2')
Lab Sample ID: JJ4601

<u>Compound</u>		<u>Compound</u>	
acrolein	10 U	1,1-dichloroethene	5 U
acrylonitrile	10 U	trans-1,2-dichloroethene	5 U
benzene	5 U	1,2-dichloropropane	5 U
bromodichloromethane	5 U	cis-1,3-dichloropropene	5 U
bromoform	5 U	trans-1,3-dichloropropene	5 U
bromomethane	10 U	ethyl benzene	5 U
carbon tetrachloride	3 J	methylene chloride	16
chlorobenzene	5 U	1,1,2,2-tetrachloroethane	5 U
chloroethane	10 U	tetrachloroethene	5 U
2-chloroethylvinyl ether	10 U	toluene	10
chloroform	5 U	1,1,1-trichloroethane	5 U
chloromethane	10 U	1,1,2-trichloroethane	5 U
dibromochloromethane	5 U	trichloroethene	5 U
1,1-dichloroethane	5 U	vinyl chloride	10 U
1,2-dichloroethane	5 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Analysis: 08/30/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

VOLATILE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in $\mu\text{g}/\text{kg}$ (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-11(0-2') RE
Lab Sample ID: JJ4601R

<u>Compound</u>		<u>Compound</u>	
acrolein	10 U	1,1-dichloroethene	5 U
acrylonitrile	10 U	trans-1,2-dichloroethene	5 U
benzene	5 U	1,2-dichloropropane	5 U
bromodichloromethane	5 U	cis-1,3-dichloropropene	5 U
bromoform	5 U	trans-1,3-dichloropropene	5 U
bromomethane	10 U	ethyl benzene	5 U
carbon tetrachloride	3 J	methylene chloride	16 ✓
chlorobenzene	5 U	1,1,2,2-tetrachloroethane	5 U
chloroethane	10 U	tetrachloroethene	5 U
2-chloroethylvinyl ether	10 U	toluene	10
chloroform	5 U	1,1,1-trichloroethane	5 U
chloromethane	10 U	1,1,2-trichloroethane	5 U
dibromochloromethane	5 U	trichloroethene	5 U
1,1-dichloroethane	5 U	vinyl chloride	10 U
1,2-dichloroethane	5 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Analysis: 08/30/89

Reanalyzed to prove surrogate recovery problem was due to a matrix effect.

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

VOLATILE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in $\mu\text{g}/\text{kg}$ (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-11(2-4')
Lab Sample ID: JJ4602

<u>Compound</u>		<u>Compound</u>	
acrolein	10 U	1,1-dichloroethene	5 U
acrylonitrile	10 U	trans-1,2-dichloroethene	5 U
benzene	5 U	1,2-dichloropropane	5 U
bromodichloromethane	5 U	cis-1,3-dichloropropene	5 U
bromoform	5 U	trans-1,3-dichloropropene	5 U
bromomethane	10 U	ethyl benzene	5 U
carbon tetrachloride	6 J	methylene chloride	13
chlorobenzene	5 U	1,1,2,2-tetrachloroethane	5 U
chloroethane	10 U	tetrachloroethene	5 U
2-chloroethylvinyl ether	10 U	toluene	12
chloroform	5 U	1,1,1-trichloroethane	5 U
chloromethane	10 U	1,1,2-trichloroethane	5 U
dibromochloromethane	5 U	trichloroethene	5 J
1,1-dichloroethane	5 U	vinyl chloride	10 U
1,2-dichloroethane	5 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Analysis: 08/30/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

VOLATILE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in ug/kg (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-11(2-4') RE
Lab Sample ID: JJ4602R2

<u>Compound</u>		<u>Compound</u>	
acrolein	10 U	1,1-dichloroethene	5 U
acrylonitrile	10 U	trans-1,2-dichloroethene	5 U
benzene	5 U	1,2-dichloropropane	5 U
bromodichloromethane	5 U	cis-1,3-dichloropropene	5 U
bromoform	5 U	trans-1,3-dichloropropene	5 U
bromomethane	10 U	ethyl benzene	5 U
carbon tetrachloride	3 J	methylene chloride	18
chlorobenzene	5 U	1,1,2,2-tetrachloroethane	5 U
chloroethane	10 U	tetrachloroethene	5 U
2-chloroethylvinyl ether	10 U	toluene	13
chloroform	5 U	1,1,1-trichloroethane	5 U
chloromethane	10 U	1,1,2-trichloroethane	5 U
dibromochloromethane	5 U	trichloroethene	4 J
1,1-dichloroethane	5 U	vinyl chloride	10 U
1,2-dichloroethane	5 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

J - Indicates an estimated value less than the detection limit.

Date of Analysis: 08/30/89

Geraghty & Miller, Inc.
August 31, 1989

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: G.E. Pittsfield

Job Number: GMIN 43962

VOLATILE ORGANIC PRIORITY POLLUTANT ANALYSIS

Results in $\mu\text{g}/\text{kg}$ (ppb)

Sample Matrix: Soil

Client Sample ID: 120W-11(4-6')
Lab Sample ID: JJ4603

<u>Compound</u>		<u>Compound</u>	
acrolein	10 U	1,1-dichloroethene	5 U
acrylonitrile	10 U	trans-1,2-dichloroethene	5 U
benzene	5 U	1,2-dichloropropane	5 U
bromodichloromethane	5 U	cis-1,3-dichloropropene	5 U
bromoform	5 U	trans-1,3-dichloropropene	5 U
bromomethane	10 U	ethyl benzene	2 J
carbon tetrachloride	1 J	methylene chloride	12 -
chlorobenzene	54	1,1,2,2-tetrachloroethane	5 U
chloroethane	10 U	tetrachloroethene	5 U
2-chloroethylvinyl ether	10 U	toluene	11
chloroform	5 U	1,1,1-trichloroethane	5 U
chloromethane	10 U	1,1,2-trichloroethane	5 U
dibromochloromethane	5 U	trichloroethene	4 J
1,1-dichloroethane	5 U	vinyl chloride	10 U
1,2-dichloroethane	5 U		

U - Compound was analyzed for but not detected. The number is the detection limit for the sample.

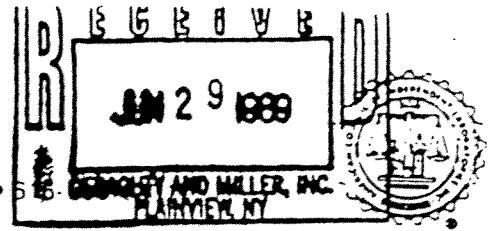
J - Indicates an estimated value less than the detection limit.

Date of Analysis: 08/30/89

Table 1. Summary of PCB Concentrations in Soil Samples Collected in the Vicinity of Building 119, GE Company, Pittsfield, Massachusetts.

Sample Description	Depth (ft below land surface)	Aroclor 1016, 1232, 1242 and 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
(concentrations in mg/kg)					
119-1A	0-4	0.16*	0.07	0.06	0.29
119-1B	4-8	<0.05	<0.05	<0.05	<0.05
119-2A	0-4	<0.05	<0.05	<0.05	<0.05
119-2B	4-8	<0.05	<0.05	<0.05	<0.05
119-3A	0-4	<0.05	0.40*	0.34*	0.74
119-3B	4-8	<0.05	0.15	0.41*	0.56
119-4A	0-4	<0.05	0.07*	0.11*	0.18
119-4B	4-8	<0.05	<0.05	<0.05	<0.05
119-5A	0-4	<0.05	<0.05	0.08	0.08
119-5B	4-8	<0.05	<0.05	<0.05	<0.05
119-6A	0-4	<0.05	<0.05	<0.05	<0.05
119-6B	4-8	<0.05	0.16*	0.08*	0.24
119-7A	0-4	<0.05	<0.05	0.06*	0.06
119-7B	4-8	<0.05	<0.05	<0.05	<0.05
119-8A	0-4	<0.05	0.07	0.13*	0.20
119-8B	4-8	<0.05	<0.05	<0.05	<0.05
119-9A	0-4	<0.05	<0.05	<0.05	<0.05
119-9B	4-8	<0.05	<0.05	<0.05	<0.05
119-10A	0-4	<0.05	<0.05	0.67*	0.67
119-10B	4-8	<0.05	<0.05	<0.05	<0.05
119-11A	0-4	<0.05	<0.05	0.22*	0.22
119-11B	4-8	<0.05	<0.05	0.26*	0.26
119-12A	0-4	<0.05	<0.05	<0.05	<0.05
119-12B	4-8	<0.05	<0.05	<0.05	<0.05

* Sample exhibits alterations of standard Aroclor pattern.



CERTIFICATE OF ANALYSIS

TO Geraghty & Miller, Inc.
ATTN: Doug Newton
125 E. Bethpage Road
Plainview, NY 11803

DATE REPORTED June 27, 1989
PROJECT CODE GMIN 43479
ORDER NUMBER NY 0360 PT 01
PAGE 1 OF 1

Sample Description: Six (6) soil samples received June 3, 1989

Concentration units are mg/kg (ppm) dry weight

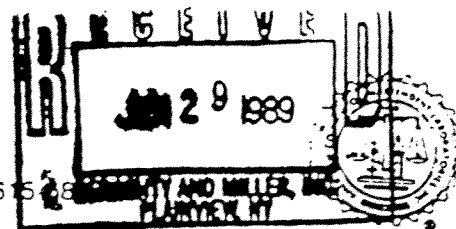
	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
119-1A	0.16*	0.07	0.06	0.29
119-1B	<0.05	<0.05	<0.05	<0.05
119-10A	<0.05	<0.05	0.67*	0.67
119-10B	<0.05	<0.05	<0.05	<0.05
119-11A	<0.05	<0.05	0.22*	0.22
119-11B	<0.05	<0.05	0.26*	0.26

†Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

*Sample exhibits alteration of standard Aroclor pattern.

Alger R. Moore
Approved by _____
Laboratory Manager

Title _____



CERTIFICATE OF ANALYSIS

TO Geraghty & Miller, Inc.
ATTN: Doug Newton
125 E. Bethpage Road
Plainview, NY 11803

DATE REPORTED June 26, 1989
PROJECT CODE GMIN 43470
ORDER NUMBER
PAGE 1 OF 1

Sample Description: Twelve (12) soil samples received June 2, 1989

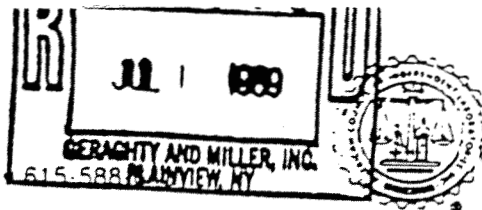
Concentration units are mg/kg (ppm) dry weight

	<u>Aroclor 1016, 1232, 1242† and/or 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
119-2A	<0.05	<0.05	<0.05	<0.05
119-2B	<0.05	<0.05	<0.05	<0.05
119-3A	<0.05	0.40*	0.34*	0.74
119-3B	<0.05	0.15	0.41*	0.56
119-4A	<0.05	0.07*	0.11*	0.18
119-4B	<0.05	<0.05	<0.05	<0.05
119-5A	<0.05	<0.05	0.08	0.08
119-5B	<0.05	<0.05	<0.05	<0.05
ST-4A	<0.05	<0.05	<0.05	<0.05
ST-4B	<0.05	<0.05	<0.05	<0.05
ST-5A	<0.05	<0.05	<0.05	<0.05
ST-5B	<0.05	<0.05	<0.05	<0.05

†Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

*Sample exhibits alteration of standard Aroclor pattern.

Alex S. Moore
Approved by Laboratory Manager



CERTIFICATE OF ANALYSIS

Geraghty & Miller, Inc.
ATTN: Doug Newton
125 E. Bethpage Road
Plainview, NY 11803

DATE REPORTED July 11, 1989
PROJECT CODE GMIN 43502
ORDER NUMBER NY 0366 PT01
PAGE 1 OF 1

Sample Description: Ten (10) soil samples received June 8, 1989

Concentration units are mg/kg (ppm) dry weight

	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
119-6A	<0.05	<0.05	<0.05	<0.05
119-6B	<0.05	0.16*	0.08*	0.24
119-7A	<0.05	<0.05	0.06*	0.06
119-7B	<0.05	<0.05	<0.05	<0.05
119-8A	<0.05	0.07	0.13*	0.20
119-8B	<0.05	<0.05	<0.05	<0.05
119-9A	<0.05	<0.05	<0.05	<0.05
119-9B	<0.05	<0.05	<0.05	<0.05
119-12A	<0.05	<0.05	<0.05	<0.05
119-12B	<0.05	<0.05	<0.05	<0.05

†Sample Aroclor pattern identified and/or calculated as Aroclor 1242.

*Sample exhibits alteration of standard Aroclor pattern.

Folger M. Wagner
Approved by _____
Operations Manager

Title



New England Telephone Excavation
(Fleetside Ave.)

201.15.17

Table 1

WELL ID	SAMPLE DATE	TOTAL PCB PPM METHOD 8080	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH	SEE FIGURE
1E-01 (0-18")	04-06-93	<1.0	1	SOIL	FIELD-COMPOSITE	(0-18")	1
1E-01 (18-36")	04-06-93	<1.0	1	SOIL	FIELD-COMPOSITE	(18-36")	2

ID	SAMPLE DATE	VOC's METHOD 8240	1,2,4 TRICHLOROBENZENE METHOD 8120	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH	SEE FIGURE
1E-01 (0-36")	04-06-93	SEE DBS LAB REPORT	SEE DBS LAB REPORT	1	SOIL	FIELD-COMPOSITE	(0-36")	2



~~PRELIMINARY~~
APR 7 1993

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520
 DESCRIPTION G.E., Pittsfield Job No. 201-16-17
New England TELEPHONE Excavation (Plastics Ave)
 Date Analyzed 4/6/93 DATE COLLECTED See Below DATE RECEIVED 4/6/93

Lab ID NO.	DATE EXTRACTED	DATE SAMPLED	SCREEN VALUE	PCTS	PCB	COMMENTS	QC RESULTS
NETE-CI (0-18")	4-6-93	4-6-93	(.182) <1	87%	<1	soil	A
NETE-CI (18-36")	↓	↓	(.149) <1	85%	<1	↓	↓
Reagent Blank 040693-1:					<1		
Reference Sample 040693-1:					2.4/3 = 80%		
Matrix Spike NETE-CI (0-18"):					1.8/3 = 60%		
Matrix Spike Duplicate:					1.9/3 = 63%		
Precision:				1.8 vs 1.9 =	5.4% RPD		

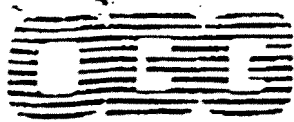
Comments:

Certification No.:

Units: mg/Kg = ppm

Authorized: _____

Date: _____



LABORATORIES, INC.

Volatile Organics

Method 8240

PRELIMINARY

CLIENT Blairland & Busch Engineers P.C. JOB NO. 2887.026.517

DESCRIPTION New England Telephone Excavation (Plastic Ave.)

DATE COLLECTED 4/6/93 DATE RECEIVED 4/7/93 DATE ANALYZED 4/13/93
Matrix: soil

DESCRIPTION:	NETE-C1 (0-36")	QC Trip Blank			
SAMPLE NO.:	R9085	R9086*			
Chloromethane	<11	<10			
Bromomethane	↓	↓			
Vinyl chloride					
Chloroethane					
Methylene chloride	<6	<5			
Acetone	18	<10			
Carbon disulfide	<6	<5			
1,1-Dichloroethene	↓	↓			
1,1-Dichloroethane					
1,2-Dichloroethene (total)					
Chloroform	↓	↓			
1,2-Dichloroethane					
2-Butanone	<11	<10			
1,1,1-Trichloroethane	<6	<5			
Carbon tetrachloride	<6	<5			
Vinyl acetate	<11	<10			
Bromodichloromethane	<6	<5			
1,2-Dichloropropane	↓	↓			
cis-1,3-Dichloropropene					
Trichloroethene					
Dibromochloromethane					
1,1,2-Trichloroethane					
Benzene	↓	↓			



Volatile Organics

PRELIMINARY Method 8240

CLIENT Blaaland & Bouck Engineers P.C. JOB NO. 2887.026517

DESCRIPTION New England Telephone Excavation (Plastic Ave)

DATE COLLECTED 4/6/93 DATE RECEIVED 4/7/93 MATRIX: soil DATE ANALYZED 4/13/93

DESCRIPTION:	NETE-C1 (0-36")	QC Trip Blank			
SAMPLE NO.:	R9085	R9086			
trans-1,3-Dichloropropene	<6	<5			
Bromoform	<6	<5			
4-Methyl-2-pentanone	<11	<10			
2-Hexanone	<11	<10			
Tetrachloroethene	<6	<5			
1,1,2,2-Tetrachloroethane					
Toluene					
Chlorobenzene					
Ethylbenzene					
Styrene					
Xylene (total)					
<i>Date Analyzed 4/13/93</i>					

~~ments: Elevated detection limits due to matrix interferences~~

~~Values flagged with a "B" indicate the analyte was detected in the laboratory blank. The blank exhibited _____ µg/ of methylene chloride and _____ µg/ of acetone.~~

Methodology: EPA Target Compound List By 8240, SW-846 November 1988, 3rd Edition

Certification No.: 10155

Units: µg/kg dry weight

* µg/L

Authorized: _____

Date: _____

TABLE 4-2
MARTIN MARIETTA - PITTSFIELD, MA
STEAM LINE ENVIRONMENTAL INVESTIGATION
ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS

SAMPLE LOCATION AND DEPTH

Volatle Organic Compound	L-1(6-8)	L-16(8-10)	L-21(14-16)	L-22(0-2)	L-23(6-8)	L-24(6-8)	L-29(10-12)	L-39(6-8)
Ethylbenzene	300	<500	<120	4,400	2,200	27,000	<120	<100
Toluene	<120	2,000	<120	<500	3,800	26,000	300	100
Chlorobenzene	<120	9,000	1,700	20,000	90,000	100,000	3,900	<100
Xylenes, Total	<120	<500	<120	7,400	6,200	88,000	<120	1,500
Benzene	<120	58,000	1,700	<500	<500	<500	2,600	<100
1,2,4-Trichlorobenzene	<120	<1000	<1000	<1000	4,100	120,000	<1000	<1000
Total Concentration of Detected Volatle Compounds:	300	69,000	3,400	31,800	106,300	361,000	6,800	1,600

Notes:

All concentrations are in micrograms per kilogram(ug/kg=parts per billion(ppb)).

TABLE 4-3
MARTIN MARIETTA - PITTSFIELD, MA
STEAM LINE ENVIRONMENTAL INVESTIGATION
ANALYTICAL RESULTS - PCB ANALYSES

Sample I.D.

PCB Aroclor

	L-1	L-2	L-3	L-3A	L-4	L-5	L-6	L-7	L-8	L-9
PCB-1242	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
PCB-1254	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
PCB-1260	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	L-10	L-11	L-12	L-13	L-14	L-15	L-16	L-17	L-18	L-19
PCB-1242	<1	<1	0.5	2	2	<1	<1	2	1	<1
PCB-1254	<1	<1	<1	<1	0.8	<1	<1	2	1	<1
PCB-1260	<1	<1	<1	<1	0.8	<1	<1	1.4	0.71	<1
	L-20	L-21	L-22	L-23	L-24	L-25	L-26	L-27	L-28	L-29
PCB-1242	<1	<1	2	1	2	<1	<1	<1	<1	<1
PCB-1254	<1	<1	3	0.4	0.8	0.3	<1	<1	<1	<1
PCB-1260	<1	<1	0.8	0.4	0.5	0.2	<1	<1	<1	<1
	L-30	L-31	L-32	L-33	L-34	L-35	L-36	L-37	L-38	L-39
PCB-1242	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
PCB-1254	<1	<1	<1	<1	<1	<1	3	<1	<1	2.4
PCB-1260	<1	<1	<1	<1	<1	<1	1.6	<1	<1	0.5
	L-40	L-41	L-42	L-43	L-44	L-38(0-2)	L-38(2-4)	L-38(4-6)	L-38(6-8)	L-38(8-10)
PCB-1242	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
PCB-1254	4	3	<1	<1	<1	<1	<1	<1	<1	<1
PCB-1260	0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1
	L-38(10-12)	L-39(0-2)	L-39(2-4)	L-39(4-6)	L-39(6-8)	L-39(8-10)	L-39(10-12)			
PCB-1242	<1	<1	<1	<1	<1	<1	<1			
PCB-1254	<1	<1	<1	<1	2	<1	<1			
PCB-1260	<1	<1	<1	<1	1	<1	<1			

Notes:

All concentrations are in micrograms per gram(ug/g=parts per million(ppm)).
 Only those PCB Aroclor's with detections above the laboratory detection limit are listed.



M8

BLASLAND, BOUCK & LEE, INC.

**Plastics New Security Fence Sampling
(201.19.08)
(Table 1)**

FENCE LINE SAMPLING							
LAB ID	SAMPLE DATE	PCBs (PPM)	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH	SEE FIGURE
PL-NSF-C1	10-7-94	2.8	NSF-1	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C2	10-11-94	200.	NSF-2	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C3	10-11-94	600.	NSF-3	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C4	10-11-94	120.	NSF-4	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C5	10-11-94	760.	NSF-5	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C6	10-11-94	530.	NSF-6	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C7	10-11-94	1100.	NSF-7	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 2' 6")	2
PL-NSF-C8	10-12-94	630.	NSF-8	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 2' 8")	2
PL-NSF-C9	10-12-94	590.	NSF-9	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C10	10-12-94	84.	NSF-10	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C11	10-12-94	73.	NSF-11	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C12	10-12-94	190.	NSF-12	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C13	10-12-94	240.	NSF-13	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C14	10-12-94	440.	NSF-14	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C15	10-28-94	8.1	NSF-15	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C16	10-28-94	12.	NSF-16	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C17	10-28-94	7.3	NSF-17	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C18	10-31-94	5.0	NSF-18	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C19	10-31-94	5.1	NSF-19	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C20	11-7-94	11.	NSF-20	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C21	11-7-94	27.	NSF-21	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C22	11-7-94	29.	NSF-22	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C23	11-7-94	25.	NSF-23	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C24	11-7-94	8.6	NSF-24	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C25	11-7-94	8.6	NSF-25	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C26	11-7-94	1.7	NSF-26	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C27	11-7-94	<1.	NSF-27	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2



BLASLAND, BOUCK & LEE, INC.

**Plastics New Security Fence Sampling
(201.19.08)
(Table 1)**

FENCE LINE SAMPLING							
LAB ID	SAMPLE DATE	PCBs (PPM)	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH	SEE FIGURE
PL-NSF-C28	11-7-94	2.0	NSF-28	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C29	11-7-94	<1.	NSF-29	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C30	11-7-94	<1.	NSF-30	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C31	11-8-94	<1.	NSF-31	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C32	11-8-94	<1.	NSF-32	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C33	11-8-94	<1.	NSF-33	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C34	11-3-94	<1.	NSF-34	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C35	11-3-94	<1.	NSF-35	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C36	11-3-94	<1.	NSF-36	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C37	11-3-94	<1.	NSF-37	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C38	11-3-94	<1.	NSF-38	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C39	11-3-94	<1.	NSF-39	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C40	11-3-94	<1.	NSF-40	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C41	11-3-94	<1.	NSF-41	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C42*	11-3-94	<1.	NSF-42	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C43*	11-3-94	<1.	NSF-43	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C44*	11-3-94	<1.	NSF-44	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C45	11-3-94	<1.	NSF-45	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C46	11-3-94	1.1	NSF-46	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C47*	11-3-94	<1.	NSF-47	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C48	11-8-94	11.	NSF-48	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C49	11-8-94	<1.	NSF-49	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C50*	11-8-94	<1.	NSF-50	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C51	11-8-94	<1.	NSF-51	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C52*	11-8-94	<1.	NSF-52	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C53*	11-8-94	<1.	NSF-53	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2
PL-NSF-C54	11-8-94	<1.	NSF-54	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 3')	2

* - These samples were also analyzed for VOCs and 1,2,4 Trichlorobenzene due to PID readings of ≥ 10 , see OBG lab reports for results.



BLASLAND, BOUCK & LEE, INC.

Plastics New Security Fence Sampling
(201.19.08)

(Table 1 cont)

BARRIER GATES SAMPLING							
LAB ID	SAMPLE DATE	PCBs (PPM)	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH	SEE FIGURE
PL-NE-BG-1	10-14-94	<1.	NEBG-1	SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 1')	2
PL-NE-BG-2	10-14-94	<1.	NEBG-2	SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 1')	2
PL-NE-BG-3	10-14-94	<1.	NEBG-3	SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 1')	2
PL-NE-BG-4	10-21-94	<1.	NEBG-4	SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 1' 6")	2
PL-NW-BG-1	10-14-94	<1.	NWBG-1	SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 4")	2
PL-NW-BG-2	10-14-94	1.5	NWBG-2	SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 8")	2
PL-NW-BG-3	10-25-94	<1.	NWBG-3	SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 2')	2
PL-NW-BG-4	10-25-94	<1.	NWBG-4	SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 4')	2
PL-SW-BG-1	10-14-94	2.2	SWBG-1	SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 8")	2
PL-SW-BG-2	10-14-94	<1.	SWBG-2	SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 8")	2
PL-SW-BG-3	10-14-94	8.3	SWBG-3	SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 8")	2
PL-SW-NG-1	10-21-94	<1.	SWNG-1	SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 6")	2
PL-SW-NG-2	10-21-94	<1.	SWNG-2	SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 6")	2



BLASLAND, BOUCK & LEE, INC.

Plastics New Security Fence Sampling

(201.19.08)

(Table 1 cont)

ELECTRICAL TRENCH SAMPLING							
LAB ID	SAMPLE DATE	PCBs (PPM)	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SAMPLE DEPTH	SEE FIGURE
PL-EL-TR-1	10-17-94	<1.	ELTR-1 ✓	SOIL	DISCRETE-GRAB (POST-EXCAVATION)	(0 - 2')	2
PL-EL-TR-2	10-17-94	<1.	ELTR-2 ✓	SOIL	DISCRETE-GRAB (POST-EXCAVATION)	(0 - 2')	2
PL-EL-TR-3	10-18-94	<1.	ELTR-3 ✓	SOIL	DISCRETE-GRAB (POST-EXCAVATION)	(0 - 2')	2
PL-EL-TR-4	10-18-94	<1.	ELTR-4 ✓	SOIL	DISCRETE-GRAB (POST-EXCAVATION)	(0 - 2')	2
PL-EL-TR-5	10-18-94	1.5	ELTR-5 ✓	SOIL	DISCRETE-GRAB (POST-EXCAVATION)	(0 - 2')	2
PL-EL-TR-6	10-18-94	2.2	ELTR-6 ✓	SOIL	DISCRETE-GRAB (POST-EXCAVATION)	(0 - 2')	2
PL-EL-TR-7	10-18-94	<1.	ELTR-7 ✓	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 2')	2
PL-EL-TR-8	10-19-94	<1.	ELTR-8 ✓	SOIL	DISCRETE-GRAB (POST-EXCAVATION)	(0 - 2')	2
PL-EL-TR-9	10-19-94	<1.	ELTR-9 ✓	SOIL	DISCRETE-GRAB (POST-EXCAVATION)	(0 - 2')	2
PL-EL-TR-10	10-19-94	<1.	ELTR-10 ✓	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 2')	2
PL-EL-TR-11	10-19-94	3.0	ELTR-11 ✓	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 2')	2
PL-EL-TR-12	10-19-94	<1.	ELTR-12 ✓	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 2')	2
PL-EL-TR-13	10-19-94	<1.	ELTR-13 ✓	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 2')	2
PL-EL-TR-14	10-19-94	<1.	ELTR-14 ✓	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 2')	2
PL-EL-TR-15	10-19-94	<1.	ELTR-15 ✓	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 2')	2
PL-EL-TR-16	10-19-94	<1.	ELTR-16 ✓	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 2')	2
PL-EL-TR-17	10-21-94	<1.	ELTR-17 ✓	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 2')	2
PL-EL-TR-18	10-21-94	<1.	ELTR-18 ✓	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 2')	2
PL-EL-TR-19	10-21-94	4.8	ELTR-19 ✓	IN-SITU SOIL	DISCRETE-GRAB (PRE-EXCAVATION)	(0 - 2')	2
PL-EL-TR-20	10-27-94	<1.	ELTR-20	SOIL	DISCRETE-GRAB (POST-EXCAVATION)	(0 - 1')	2
PL-EL-TR-21	10-27-94	<1.	ELTR-21	SOIL	DISCRETE-GRAB (POST-EXCAVATION)	(1 - 2')	2
PL-EL-TR-22	10-27-94	<1.	ELTR-22	SOIL	DISCRETE-GRAB (POST-EXCAVATION)	(2 - 3')	2



Volatile Organics Method 8240

CLIENT BLASLAND, BOUCK & LEE, INC. JOB NO. 2887.026.517
 DESCRIPTION Pittsfield, MA BB&L #201.19.08
Plastics New Security Fence Sampling MATRIX: Solid
 DATE COLLECTED 11-3-94 DATE RECEIVED 11-4-94 DATE ANALYZED 11-7-94

DESCRIPTION:	PL-NSF-C42	PL-NSF-C43	PL-NSF-C44	PL-NSF-C47
SAMPLE NO.:	U4804	U4805	U4806	U4807
trans-1,3-Dichloropropene	<6.	<6.	<6.	<5.
Bromoform	<6.	<6.	<6.	<5.
4-Methyl-2-pentanone	<11.	<12.	<11.	<11.
2-Hexanone	<11.	<12.	<11.	<11.
Tetrachloroethene	<6.	<6.	<6.	<5.
1,1,2,2-Tetrachloroethane	↓	↓	↓	↓
Toluene	↓	↓	↓	↓
Chlorobenzene	↓	↓	↓	↓
Ethylbenzene	↓	↓	↓	↓
Styrene	↓	↓	↓	↓
Xylene (total)	↓	↓	↓	↓
PERCENT TOTAL SOLIDS	89.	86.	89.	93.

Comments:

Methodology: EPA Target Compound List By 8240, SW-846
November 1986, 3rd Edition

Certification No.: NY034

Units: µg/kg dry weight

Page 2 of 2

Authorized: *Thomas J. Gleason*

Date: November 14, 1994



Volatile Organics Method 8240

CLIENT BLASLAND, BOUCK & LEE, INC. JOB NO. 2887.026.517
DESCRIPTION Pittsfield, MA BB&L #201.19.08
Plastics New Security Fence Sampling MATRIX: Solid/Water*
DATE COLLECTED 11-8-94 DATE RECEIVED 11-9-94 DATE ANALYZED 11-9-94

DESCRIPTION:	PL-NSF-C50	PL-NSF-C52	PL-NSF-C53	QC Trip Blank
SAMPLE NO.:	U4896	U4897	U4898	U4899*
Chloromethane	<11.	<11.	<11.	<10.
Bromomethane	↓	↓	↓	↓
Vinyl chloride	↓	↓	↓	↓
Chloroethane	↓	↓	↓	↓
Methylene chloride	<5.	<5.	<6.	<5.
Acetone	<11.	<11.	<11.	<10.
Carbon disulfide	<5.	<5.	<6.	<5.
1,1-Dichloroethene	↓	↓	↓	↓
1,1-Dichloroethane	↓	↓	↓	↓
1,2-Dichloroethene (total)	↓	↓	↓	↓
Chloroform	↓	↓	↓	↓
1,2-Dichloroethane	↓	↓	↓	↓
2-Butanone	<11.	<11.	<11.	<10.
1,1,1-Trichloroethane	<5.	<5.	<6.	<5.
Carbon tetrachloride	<5.	<5.	<6.	<5.
Vinyl acetate	<11.	<11.	<11.	<10.
Bromodichloromethane	<5.	<5.	<6.	<5.
1,2-Dichloropropane	↓	↓	↓	↓
cis-1,3-Dichloropropene	↓	↓	↓	↓
Trichloroethene	↓	↓	↓	↓
Dibromochloromethane	↓	↓	↓	↓
1,1,2-Trichloroethane	↓	↓	↓	↓
Benzene	↓	↓	↓	↓

Authorized: 

Date: November 14, 1994



O'BRIEN & GERE
LABORATORIES, INC.

Laboratory Report

CLIENT BLASLAND, BOUCK & LEE, INC. JOB NO. 2887.026.517
 DESCRIPTION Pittsfield, MA BB&L #201.19.08
Plastics New Security Fence Sampling MATRIX: Solid
 Date Extracted 11-10-94 DATE COLLECTED 11-8-94 DATE RECEIVED 11-9-94
 Date Analyzed 11-10-94

Sample # 1,2,4-
TRICHLORO-
BENZENE
by
Method
8270

PL-NSF-C50
PL-NSF-C52
PL-NSF-C53

U4896 <360.
U4897 <360.
U4898 <370.

Comments:

Certification No.: NY034

Units: µg/kg dry weight

Authorized: *Thomas P. ...*

Date: November 14, 1994

TABLE 6-1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT
SUMMARY FOR UNKAMET BROOK AREA/USEPA AREA 1

SUMMARY OF THE 1981 SEDIMENT SAMPLING¹
(concentrations are reported in dry weight ppm)

<u>Stream Station</u>	<u>Aroclor 1016</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total PCBs</u>
S-1-ABC	0.07	0.02	0.22	0.31
S-2-ABC	23	19	12	54
S-3-ABCD	1.1	0.14	0.26	1.5
S-4-ABC	3.4	6.1	7.5	17
S-5-ABC	6.4	24	84	114
S-6-ABC	0.46	1.7	4.5	6.66
S-7-ABC	0.39	0.9	3.2	4.49
S-8-ABC	0.25	0.8	0.41	1.46
S-9-ABC	0.043	0.41	0.19	0.643
S-10-ABC	0.27	1.7	2.5	4.47
S-11-ABCDE	0.23	0.41	0.2	0.84
S-12-ABCDE	<0.5	<0.5	<0.5	<0.5
S-13-E	1.0	3.3	0.29	4.59
S-14	0.33	3.3	0.89	4.52
S-15	0.009	0.097	0.009	0.115

Note:

¹Results represent PCB concentrations of composite samples collected along brook transects. Letters A through E indicate the number of composite locations.

TABLE 6-5

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT SUMMARY FOR UNKAMET BROOK AREA/USEPA AREA 1

SUMMARY OF SEDIMENT APPENDIX K+3 ORGANICS DATA
(Concentrations are presented in dry-weight ppm)

Parameter ^{2,3}	USW-1 ⁴ (0.-0.5')	USW-1 ⁴ (0.5-1.0')	SE-1 ^{4,5} (0.-2.0')	SE-D ⁴ (0.-2.0')	SE-2 ⁴ (0.-2.0')	USW-2 ⁴ (0.-0.5')	USW-2 ⁴ (0.5-1.0')	USW-4 (0.-0.5')	USW-4 (0.5-1.0')	USW-8 (0.-0.5')	USW-8 (0.5-1.0')	USW-10 ⁴ (0.-0.5')	USW-10 ⁴ (0.5-1.0')
Methylene Chloride	0.33B ⁶	0.058B	0.056B	0.029B	0.079B	0.083B	0.063B	0.050B	0.052B	1.10BJ ⁷	1.50BJ	0.032B	0.026B
Acetone	0.19B	0.037B	0.014B	0.055B	0.025B	0.091B	0.077B	0.066B	0.091B	ND	0.39B	0.027B	0.014B
1,2-Dichloroethene (total)	ND ⁸	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003J	ND
2-Butanone	ND	ND	0.020	0.007J	ND	ND	ND	0.004J	0.010J	ND	0.023J	ND	ND
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.006J	ND
Benzene	0.003J	ND	ND	ND	ND	0.006J	0.009	ND	ND	ND	ND	ND	ND
Toluene	0.004J	ND	ND	ND	ND	ND	0.012	ND	ND	ND	0.032J	ND	ND
Chlorobenzene	1.10	0.14	0.034	0.013	0.090	0.052	0.098	0.002J	0.005J	5.30	4.00	0.003J	ND
Ethylbenzene	ND	ND	ND	ND	0.004J	ND	0.006J	ND	ND	ND	ND	ND	ND
Total Xylenes	0.006J	ND	ND	ND	0.024	ND	0.022	ND	ND	ND	ND	ND	ND
Aniline	7.30	2.10	0.14J	0.89J	26.0	0.26J	0.23J	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.90	0.57	ND	ND	1.90	0.061J	1.00	ND	ND	ND	0.063J	ND	ND
1,4-Dichlorobenzene	9.90	2.40	ND	0.097J	8.40	0.22J	2.80	ND	ND	0.49J	0.78	0.40J	ND
1,2-Dichlorobenzene	0.11	2.80	ND	ND	0.44J	ND	0.18J	ND	ND	0.29J	0.54	0.086J	ND
2-Methylphenol	0.32	ND	ND	ND	0.84	ND	0.14J	ND	ND	ND	ND	ND	ND
3-Methylphenol	0.27	ND	ND	ND	0.57	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	0.27	ND	ND	ND	0.57	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	0.077J	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.25J	0.10J	ND	ND	0.22J	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trichlorobenzene	0.25J	ND	ND	ND	0.25J	ND	0.14J	ND	ND	ND	ND	ND	ND
Benzoic Acid	ND	ND	ND	ND	ND	0.13J	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	3.20	0.90J	ND	ND	2.70	0.094J	6.90	ND	ND	ND	ND	0.057J	ND
Naphthalene	0.37J	0.36J	0.10J	ND	1.60	0.088J	0.53	ND	ND	ND	0.055J	0.20J	ND

(See notes on page 4)

TABLE 6-5
(Cont'd.)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT SUMMARY FOR UNKAMET BROOK AREA/USEPA AREA 1

SUMMARY OF SEDIMENT APPENDIX IX-3 ORGANICS DATA
(Concentrations are presented in dry-weight ppm)

Parameter ^{2,3}	USW-1 (0.-0.5')	USW-1 (0.5-1.0')	SE-1** (0.-2.0')	SE-D* (0.-2.0')	SE-2* (0.-2.0')	USW-2 (0.-0.5')	USW-2 (0.5-1.0')	USW-4 (0.-0.5')	USW-4 (0.5-1.0')	USW-8 (0.-0.5')	USW-8 (0.5-1.0')	USW-10 (0.-0.5')	USW-10 (0.5-1.0')
1,2,3-Trichlorobenzene	0.82	0.43J	ND	ND	0.44J	ND	1.10	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.15J	ND	ND	ND	0.48J	ND	0.19J	ND	ND	ND	ND	0.078J	ND
1-Methylnaphthalene	0.32J	0.20J	0.26J	0.22J	1.10	0.098J	0.38J	ND	ND	ND	ND	0.15J	ND
1,2,4,5-Tetrachlorobenzene	0.56J	0.13J	ND	ND	0.50	ND	0.70	ND	ND	ND	ND	ND	ND
1,2,3,5-Tetrachlorobenzene	0.56J	0.13J	ND	ND	0.50	ND	0.70	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.49J	0.18J	ND	ND	0.13J	ND	ND	ND	ND	ND	ND	ND	ND
1-Chloronaphthalene	0.49J	0.18J	ND	ND	0.13J	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,4-Tetrachlorobenzene	4.60	2.00	ND	ND	2.30	0.064J	5.10	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.30J	0.20J	0.13J	0.14J	0.085J	0.089J	0.19J	ND	ND	ND	ND	0.13J	ND
2,6-Dinitrotoluene	ND	0.11J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	0.52J	0.50J	0.27J	0.20J	1.20	0.19J	0.76	0.81J	ND	ND	ND	0.29J	ND
Dibenzofuran	0.32J	0.28J	ND	ND	0.47J	0.076J	0.21J	0.39J	ND	ND	ND	0.21J	ND
Pentachlorobenzene	1.80	0.41J	ND	ND	0.82	ND	1.30	ND	ND	ND	ND	ND	ND
Fluorene	0.51J	0.54J	0.33J	0.25J	0.77	0.19J	0.56J	1.10J	ND	ND	ND	0.31J	ND
Phenanthrene	4.30	4.70	3.80	2.80	2.50	2.00	4.20	21.0	ND	0.44J	ND	3.10	ND
Phenol	2.20	ND	ND	0.32J	5.30	0.44J	36.0	ND	ND	ND	ND	0.11J	ND
Anthracene	0.70	0.94	0.46J	0.41J	0.55	0.25J	0.43J	7.30	ND	ND	ND	0.45J	ND
Di-n-Butylphthalate	0.34J	ND	ND	ND	ND	ND	0.076J	ND	ND	ND	ND	0.14J	ND
Fluoranthene	9.30	7.10	5.70	5.50	3.60	3.40	6.80	55.0	ND	0.88J	ND	4.90	ND
Pyrene	8.40	5.10	4.40	3.60	3.00	2.40	3.60	27.0	ND	0.71J	ND	3.50	ND
Butylbenzylphthalate	ND	ND	ND	0.16J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)Anthracene	4.00	2.80	2.10	2.00	1.40	1.40	2.20	27.0	ND	0.53J	ND	2.30	ND
Chrysene	4.80	2.40	2.20	2.30	2.00	1.70	3.00	21.0	ND	0.55J	ND	2.30	ND
bis(2-Ethylhexyl)Phthalate	0.88	0.50J	0.78J	0.89J	0.86	0.82	0.87	1.30J	ND	ND	ND	1.20	ND

(See notes on page 4)

TABLE 6-5
(Cont'd.)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT SUMMARY FOR UNKAMET BROOK AREA/USEPA AREA 1

SUMMARY OF SEDIMENT APPENDIX IX+3 ORGANICS DATA
(Concentrations are presented in dry-weight ppm)

<u>Parameter^{2,3}</u>	<u>USW-1</u> <u>(0.-0.5')</u>	<u>USW-1</u> <u>(0.5-1.0')</u>	<u>SE-1*⁶</u> <u>(0.-2.0')</u>	<u>SE-D*</u> <u>(0.-2.0')</u>	<u>SE-2*</u> <u>(0.-2.0')</u>	<u>USW-2</u> <u>(0.-0.5')</u>	<u>USW-2</u> <u>(0.5-1.0')</u>	<u>USW-4</u> <u>(0.-0.5')</u>	<u>USW-4</u> <u>(0.5-1.0')</u>	<u>USW-8</u> <u>(0.-0.5')</u>	<u>USW-8</u> <u>(0.5-1.0')</u>	<u>USW-10</u> <u>(0.-0.5')</u>	<u>USW-10</u> <u>(0.5-1.0')</u>
Benzo(b)Fluoranthene	15.0	4.10	3.70	0.32J	4.20	2.60	4.50	38.0	ND	ND	ND	6.00	ND
Benzo(k)Fluoranthene	15.0	4.10	3.70	0.32J	4.20	2.60	4.50	38.0	ND	ND	ND	6.00	ND
Benzo(a)Pyrene	4.30	1.90	1.90	0.39J	1.20	1.30	1.90	18.0	ND	ND	ND	1.70	ND
Indeno(1,2,3-cd)Pyrene	ND	ND	0.60J	ND	ND	0.58	0.81	ND	ND	ND	ND	ND	ND
Dibenz(a,h)Anthracene	ND	ND	ND	ND	ND	0.14J	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)Perylene	ND	ND	ND	ND	ND	0.59	0.78	ND	ND	ND	ND	ND	ND
2,4,5-T	NA ⁹	NA	0.027	0.025	1.10	NA	NA	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	0.24	0.79	ND	NA	NA	NA	NA	NA	NA	NA	NA
Phenols (total)	1.17	1.14	0.32	1.71	4.03	0.33	3.96	ND	ND	0.26	0.26	0.23	ND
Aroclor 1242	ND	ND	2.8	3.0	91.0	13.0E ¹⁰	66.0	1.0	ND	0.36	ND	1.8	ND
Aroclor 1254	ND	ND	ND	ND	ND	9.2E	77.0	ND	ND	0.52	ND	1.6	ND
Aroclor 1260	360	180	16.0	24.0	160	17.0	290	3.7	0.07	2.2	ND	8.2	0.06
Total Aroclors	360	180	19.0	27.0	250	39.0	430	4.7	0.07	3.1	ND	12	0.06
Total HxCDD	NA	NA	ND	ND	0.00026	NA	NA	NA	NA	NA	NA	NA	NA
Total HpCDD	NA	NA	ND	ND	0.0005	NA	NA	NA	NA	NA	NA	NA	NA
Total OCDD	NA	NA	0.0003	0.0003	0.0007	NA	NA	NA	NA	NA	NA	NA	NA
Total TCDF	NA	NA	ND	ND	0.0003	NA	NA	NA	NA	NA	NA	NA	NA
Total PeCDF	NA	NA	ND	0.000083	0.0004	NA	NA	NA	NA	NA	NA	NA	NA

(See notes on page 4)

TABLE 6-5
(Cont'd.)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT SUMMARY FOR UNKAMET BROOK AREA/USEPA AREA 1

SUMMARY OF SEDIMENT APPENDIX IX+3 ORGANICS DATA

(Concentrations are presented in dry-weight ppm)

Parameter ^{2,3}	USW-1 (0.-0.5')	USW-1 (0.5-1.0')	SE-1 ⁶ (0.-2.0')	SE-D* (0.-2.0')	SE-2* (0.-2.0')	USW-2 (0.-0.5')	USW-2 (0.5-1.0')	USW-4 (0.-0.5')	USW-4 (0.5-1.0')	USW-8 (0.-0.5')	USW-8 (0.5-1.0')	USW-10 (0.-0.5')	USW-10 (0.5-1.0')
Total HxCDF	NA	NA	0.00014	0.0001	0.0012	NA	NA	NA	NA	NA	NA	NA	NA
Total HpCDF	NA	NA	ND	ND	0.0011	NA	NA	NA	NA	NA	NA	NA	NA
Total OCDF	NA	NA	ND	ND	0.0011	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

¹Samples were collected by Blasland & Bouck Engineers, P.C. on September 12, 1991.

²All samples were submitted to CompuChem Laboratories, Research Triangle Park, North Carolina, for analysis of Appendix IX+3 volatiles, semivolatiles, phenols, and metals unless otherwise stated. See Table 6-6 for summary of Appendix IX+3 metals data.

³All samples were submitted to IT Analytical Services, Knoxville, Tennessee for PCB analyses.

⁴Location description:

USW-1 - upstream of Interior landfill

SE-1 - Interior landfill

SE-D - Interior landfill (duplicate of location SE-1)

SE-2 - Interior landfill

USW-2 - downstream of Interior landfill

USW-4 - Just below railroad crossing

USW-8 - downstream of railroad crossing

USW-10 - Just upstream of Housatonic River confluence

^{6*} - Samples were submitted to CompuChem Laboratories for analysis of the full list of Appendix IX+3 constituents, except for PCBs.

⁶B - Sample was also detected in the associated method blank.

⁷J - Indicates an estimated value.

⁸ND - Not detected.

⁹NA - Not analyzed.

¹⁰E - Estimated due to interferences.

TABLE 6-6
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT SUMMARY FOR UNKAMET BROOK AREA/USEPA AREA 1

SUMMARY OF SEDIMENT APPENDIX IX+3 INORGANICS DATA¹

(Concentrations are presented in dry-weight ppm)

<u>Parameter^{2,3}</u>	USW-1 ⁴ (0.-0.5')	USW-1 (0.5-1.0')	SE-1 ^{5,6} (0.-2.0')	SE-D ^{**} (0.-2.0')	SE-2 ^{**} (0.-2.0')	USW-2 (0.-0.5')	USW-2 (0.5-1.0')	USW-4 (0.-0.5')	USW-4 (0.5-1.0')	USW-8 (0.-0.5')	USW-8 (0.5-1.0')	USW-10 (0.-0.5')	USW-10 (0.5-1.0')
Aluminum	5,680	5,000	6,720	4,230	4,950	4,450	5,070	4,890	14,600	5,460	6,470	6,210	2,730
Antimony	6.9J ⁹	ND ⁷	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	20.3	21.4	8.0	5.3	21.7	3.1	6.6	3.8	2.7	2.4	3.2	3.5	3.1
Barium	155	129	69.0	33.0	186	30.4	57.4	45.5	81.9	20.5J*	27.7J*	30.8J*	9.8J*
Beryllium	0.70J*	0.80	0.35J*	0.22J*	0.51J*	0.18J*	0.31J*	0.26J*	0.53J*	0.20J*	0.28J*	0.28J*	0.17J*
Cadmium	1.5	0.91	0.79	ND	0.90	1.0	0.58J*	ND	ND	ND	ND	ND	ND
Calcium	11,700	10,000	32,100	34,100	33,800	26,400	28,400	22,500	3,010	3,540	3,000	10,200	718
Chromium	67.2	24.2	25.3	14.4	14.1	19.7	31.4	36.8	23.1	31.5	18.7	45.4	5.1
Cobalt	8.7J*	5.9	7.9	6.2J*	7.2J*	5.3J*	5.6J*	5.9J*	10.3	4.9J*	33.6	7.0J*	3.2J*
Copper	137	108	49.8	30.1	280	28.7	76.3	59.1	18.7	22.6	30.3	45.5	4.5
Iron	28,300	16,500	22,900	15,800	18,800	15,600	19,100	21,200	18,000	13,900	15,800	14,000	9,940
Lead	577	204	150	99.6	116	160	258	76.8	11.0	29.0	5.3	41.9	2.3
Magnesium	9,170	4,460	17,900	13,200	13,000	15,000	12,300	6,950	6,160	3,560	3,190	6,580	1,010
Manganese	594	317	1,020	486	265	256	337	183	180	159	162	197	113
Mercury	9.3	4.8	1.7	1.0	8.7	1.4	5.2	0.21	ND	ND	ND	1.4	ND
Nickel	32.7	42.5	19.6	13.5	21.8	15.5	16.4	15.9	21.0	11.7	45.9	14.4	4.5J*
Potassium	311J*	489J*	533J*	303J*	416J*	434J*	369J*	237J*	914	368J*	421J*	524J*	216J*
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.88	ND
Silver	9.1	ND	ND	ND	ND	ND	ND	4.7	ND	2.2	ND	8.3	ND
Sodium	161J*	146J*	126J*	87.0J*	245J*	114J*	188J*	99.6J*	154J*	128J*	109J*	145J*	86.9J*
Vanadium	47.0	43.3	19.7	12.0	23.5	10.2	33.1	17.6	21.9	15.4	14.4	15.9	5.8
Zinc	305	344	293	147	157	160	260	99.7	95.6	67.9	48.8	106	24.1
Sulfide	NA ⁸	NA	17.2	20.9	37.6	NA	NA	NA	NA	NA	NA	NA	NA

(See notes on page 2)

TABLE 6-6
(Cont'd.)
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT SUMMARY FOR UNKAMET BROOK AREA/USEPA AREA 1

SUMMARY OF SEDIMENT APPENDIX IX+3 INORGANICS DATA
(Concentrations are presented in dry weight ppm)

Notes:

¹Samples were collected by Blasland & Bouck Engineers, P.C. on September 12, 1991.

²All samples were submitted to CompuChem Laboratories, Research Triangle Park, North Carolina for analysis of Appendix IX+3 volatiles, semi-volatiles, phenols, and metals, unless otherwise stated. See Table 6-5 for summary of Appendix IX+3 organics data.

³All samples were submitted to IT Analytical Services, Knoxville, Tennessee for PCB analyses.

⁴Location description:

USW-1 - upstream of interior landfill

SE-1 - interior landfill

SE-D - interior landfill (duplicate of location SE-1)

SE-2 - interior landfill

USW-2 - downstream of interior landfill

USW-4 - Just below railroad crossing

USW-8 - downstream of railroad crossing

USW-10 - Just upstream of Housatonic River confluence

^{5**} - Samples were submitted to CompuChem Laboratories for analysis of the full list of Appendix IX+3 constituents, except for PCBs.

⁶J* - Analyte was detected at a level between the quantitation limit and the instrument detection limit.

⁷ND - Not detected.

⁸NA - Not analyzed.

Section B

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



BLASLAND, BOUCK & LEE, INC.

Unkamet Brook / OP-3 Surficial
Soil Sampling

(201.22.05)

Table 1

LAB ID	SAMPLE DATE	PCBs PPM	SAMPLE DEPTH	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SEE FIGURE
UB-OP-3-SS-1 (0 - 6")	10-31-95	<1.	(0 - 6")	1	SURFICIAL SOIL	DISCRETE-GRAB	2
UB-OP-3-SS-2 (0 - 6")	10-31-95	<1.	(0 - 6")	2	SURFICIAL SOIL	DISCRETE-GRAB	2
UB-OP-3-SS-3 (0 - 6")	10-31-95	69.	(0 - 6")	3	SURFICIAL SOIL	DISCRETE-GRAB	2
UB-OP-3-SS-4 (0 - 6")	10-31-95	1.	(0 - 6")	4	SURFICIAL SOIL	DISCRETE-GRAB	2
UB-OP-3-SS-5 (0 - 6")	10-31-95	1.	(0 - 6")	5	SURFICIAL SOIL	DISCRETE-GRAB	2
UB-OP-3-SS-6 (0 - 6")	10-31-95	57.	(0 - 6")	6	SURFICIAL SOIL	DISCRETE-GRAB	2
UB-OP-3-SS-7 (0 - 6")	10-31-95	124.	(0 - 6")	7	SURFICIAL SOIL	DISCRETE-GRAB	2
UB-OP-3-SS-8 (0 - 6")	10-31-95	41.	(0 - 6")	8	SURFICIAL SOIL	DISCRETE-GRAB	2
UB-OP-3-SS-9 (0 - 6")	10-31-95	<1.	(0 - 6")	9	SURFICIAL SOIL	DISCRETE-GRAB	2
UB-OP-3-SS-10 (0 - 6")	11-1-95	<1.	(0 - 6")	10	SURFICIAL SOIL	DISCRETE-GRAB	2
UB-OP-3-SS-11 (0 - 6")	11-1-95	57.	(0 - 6")	11	SURFICIAL SOIL	DISCRETE-GRAB	2
UB-OP-3-SS-12 (0 - 6")	11-1-95	73.	(0 - 6")	12	SURFICIAL SOIL	DISCRETE-GRAB	2
UB-OP-3-SS-13 (0 - 6")	11-1-95	327.	(0 - 6")	13	SURFICIAL SOIL	DISCRETE-GRAB	2
UB-OP-3-SS-14 (0 - 6")	11-1-95	50.	(0 - 6")	14	SURFICIAL SOIL	DISCRETE-GRAB	2
UB-OP-3-SS-15 (0 - 6")	11-1-95	177.	(0 - 6")	15	SURFICIAL SOIL	DISCRETE-GRAB	2
UB-OP-3-SS-16 (0 - 6")	11-1-95	1.	(0 - 6")	16	SURFICIAL SOIL	DISCRETE-GRAB	2
UB-OP-3-SS-17 (0 - 6")	11-1-95	2.	(0 - 6")	17	SURFICIAL SOIL	DISCRETE-GRAB	2
UB-OP-3-SS-18 (0 - 6")	11-1-95	<1.	(0 - 6")	18	SURFICIAL SOIL	DISCRETE-GRAB	2
UB-OP-3-SS-19 (0 - 6")	11-1-95	<1.	(0 - 6")	19	SURFICIAL SOIL	DISCRETE-GRAB	2
UB-OP-3-SS-20 (0 - 6")	11-1-95	65.	(0 - 6")	20	SURFICIAL SOIL	DISCRETE-GRAB	2
UB-OP-3-SS-21 (0 - 6")	11-1-95	15.	(0 - 6")	21	SURFICIAL SOIL	DISCRETE-GRAB	2
UB-OP-3-SS-22 (0 - 6")	11-1-95	1.	(0 - 6")	22	SURFICIAL SOIL	DISCRETE-GRAB	2

GENERAL ELECTRIC
ENVIRONMENTAL LABORATORY
Pittsfield, Mass

PCB Analysis

Unkamet Brook-OP3-Surficial Sampling
Project No. 201.22.05

11/10/1995

SAMPLE NUMBER	SAMPLE DATE	EXTRACT DATE	PCB CONTENT (ug/g)	Recovery †
UB-OP3-SS-1	10/31/95	11/ 1/95	<1	
UB-OP3-SS-2	10/31/95	11/ 1/95	<1	
UB-OP3-SS-3	10/31/95	11/ 1/95	69	
UB-OP3-SS-4	10/31/95	11/ 1/95	1	
UB-OP3-SS-5	10/31/95	11/ 2/95	1	
UB-OP3-SS-6	10/31/95	11/ 2/95	57	
UB-OP3-SS-7	10/31/95	11/ 2/95	124	
UB-OP3-SS-8	10/31/95	11/ 2/95	41	
UB-OP3-SS-9	10/31/95	11/ 2/95	<1	
UB-OP3-SS-10	11/ 1/95	11/ 3/95	<1	
UB-OP3-SS-11	11/ 1/95	11/ 3/95	57	
UB-OP3-SS-12	11/ 1/95	11/ 3/95	73	
UB-OP3-SS-13	11/ 1/95	11/ 3/95	327	
UB-OP3-SS-14	11/ 1/95	11/ 3/95	50	
UB-OP3-SS-15	11/ 1/95	11/ 3/95	177	
UB-OP3-SS-16	11/ 1/95	11/ 3/95	1	
UB-OP3-SS-17	11/ 1/95	11/ 3/95	2	
UB-OP3-SS-18	11/ 1/95	11/ 3/95	<1	
UB-OP3-SS-19	11/ 1/95	11/ 4/95	<1	
UB-OP3-SS-20	11/ 1/95	11/ 4/95	65	
UB-OP3-SS-21	11/ 1/95	11/ 4/95	15	
UB-OP3-SS-22	11/ 1/95	11/ 4/95	1	
UB-OP3-SS-10MS	11/ 1/95	11/ 3/95		93.9%
UB-OP3-SS-10MSD	11/ 1/95	11/ 3/95		93.6%
UB-OP3-SS-DUP-1	11/ 1/95	11/ 4/95	55	
UB-OP3-SS-DUP-2	11/ 1/95	11/ 4/95	81	

Comments: Extraction Method - #3550
Analysis - GC/ECD packed column
Report by: JS Nicholson

Distribution: WA Fessler
M Phillips
File

OP-3 G.P.R. Ecavation Sampling

(201.22.05)

Table 1

LAB ID	SAMPLE DEPTH	SAMPLE DATE	PCBs PPM	VOCs	SVOCs	RCRA METALS	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SEE FIGURE
OP3-GPR-EXC-1.	(0 - 6)	11-16-95		SEE LAB REPORT	SEE LAB REPORT	SEE LAB REPORT	1	SOIL (FROM BOTTOM OF EXCAVATION 1)	DISCRETE GRAB	2
OP3-GPR-EXC-2	(0 - 1)	11-17-95		NR	NR	NR	2	SOIL (PILE 1 FROM EXCAVATION 1)	DISCRETE GRAB	3
OP3-GPR-EXC-3	(1 - 2)	11-17-95		NR	NR	NR	3	SOIL (PILE 1 FROM EXCAVATION 1)	DISCRETE GRAB	3
OP3-GPR-EXC-4	(2 - 3)	11-17-95		NR	NR	NR	4	SOIL (PILE 1 FROM EXCAVATION 1)	DISCRETE GRAB	3
OP3-GPR-EXC-C1	(0 - 3)	11-17-95	NR	SEE LAB REPORT	NR	SEE LAB REPORT	2 - 4	SOIL (PILE 1 FROM EXCAVATION 1)	FIELD COMPOSITE	3
OP3-GPR-EXC-5	(0 - 1)	11-17-95		NR	NR	NR	5	SOIL (PILE 2 FROM EXCAVATION 2)	DISCRETE GRAB	3
OP3-GPR-EXC-6	(1 - 2)	11-17-95		NR	NR	NR	6	SOIL (PILE 2 FROM EXCAVATION 2)	DISCRETE GRAB	3
OP3-GPR-EXC-7	(2 - 3)	11-17-95		NR	NR	NR	7	SOIL (PILE 2 FROM EXCAVATION 2)	DISCRETE GRAB	3
OP3-GPR-EXC-C2	(0 - 3)	11-17-95	NR	NR	NR	SEE LAB REPORT	5 - 7	SOIL (PILE 2 FROM EXCAVATION 2)	FIELD COMPOSITE	3
OP3-GPR-EXC-8	(0 - 1)	11-17-95		NR	NR	NR	8	SOIL (PILE 3 FROM EXCAVATION 3)	DISCRETE GRAB	3
OP3-GPR-EXC-9	(1 - 2)	11-17-95		NR	NR	NR	9	SOIL (PILE 3 FROM EXCAVATION 3)	DISCRETE GRAB	3
OP3-GPR-EXC-10	(2 - 3)	11-17-95		NR	NR	NR	10	SOIL (PILE 3 FROM EXCAVATION 3)	DISCRETE GRAB	3
OP3-GPR-EXC-C3	(0 - 3)	11-17-95	NR	NR	NR	SEE LAB REPORT	8 - 10	SOIL (PILE 3 FROM EXCAVATION 3)	FIELD COMPOSITE	3
OP3-GPR-EXC-11	(0 - 6)	11-17-95		SEE LAB REPORT	SEE LAB REPORT	SEE LAB REPORT	11	SOIL (FROM BOTTOM OF EXCAVATION 4)	DISCRETE GRAB	2
OP3-GPR-EXC-12	(0 - 1)	11-20-95		NR	NR	NR	12	SOIL (PILE 4 FROM EXCAVATION 4)	DISCRETE GRAB	3
OP3-GPR-EXC-13	(1 - 2)	11-20-95		NR	NR	NR	13	SOIL (PILE 4 FROM EXCAVATION 4)	DISCRETE GRAB	3
OP3-GPR-EXC-14	(2 - 3)	11-20-95		NR	NR	NR	14	SOIL (PILE 4 FROM EXCAVATION 4)	DISCRETE GRAB	3
OP3-GPR-EXC-C4	(0 - 3)	11-20-95	NR	NR	NR	SEE LAB REPORT	12 - 14	SOIL (PILE 4 FROM EXCAVATION 4)	FIELD COMPOSITE	3
OP3-GPR-EXC-15	(0 - 1)	11-20-95		NR	NR	NR	15	SOIL (PILE 5 FROM EXCAVATION 5)	DISCRETE GRAB	3
OP3-GPR-EXC-16	(1 - 2)	11-20-95		NR	NR	NR	16	SOIL (PILE 5 FROM EXCAVATION 5)	DISCRETE GRAB	3
OP3-GPR-EXC-17	(2 - 3)	11-20-95		NR	NR	NR	17	SOIL (PILE 5 FROM EXCAVATION 5)	DISCRETE GRAB	3
OP3-GPR-EXC-C5	(0 - 3)	11-20-95	NR	NR	NR	SEE LAB REPORT	15 - 17	SOIL (PILE 5 FROM EXCAVATION 5)	FIELD COMPOSITE	3

NOT REQUIRED

OP-3 G.P.R. Ecavation Sampling
(201.22.05)

Table 1 (cont)

LAB ID	SAMPLE DEPTH	SAMPLE DATE	PCBs PPM	VOCs	SVOCs	RCRA METALS	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SEE FIGURE
OP3-GPR-EXC-18	(0 - 1')	11-20-05		NR	NR	NR	18	SOIL (PILE 6 FROM EXCAVATION 6)	DISCRETE GRAB	3
OP3-GPR-EXC-19	(1 - 2')	11-20-05		NR	NR	NR	19	SOIL (PILE 6 FROM EXCAVATION 6)	DISCRETE GRAB	3
OP3-GPR-EXC-20	(2 - 3')	11-20-05		NR	NR	NR	20	SOIL (PILE 6 FROM EXCAVATION 6)	DISCRETE GRAB	3
OP3-GPR-EXC-C6	(0 - 3')	11-20-05	NR	NR	NR	SEE LAB REPORT	18 - 20	SOIL (PILE 6 FROM EXCAVATION 6)	FIELD COMPOSITE	3
OP3-GPR-EXC-21	(0 - 1')	11-20-05		NR	NR	NR	21	SOIL (PILE 7 FROM EXCAVATION 7)	DISCRETE GRAB	3
OP3-GPR-EXC-22	(1 - 2')	11-20-05		NR	NR	NR	22	SOIL (PILE 7 FROM EXCAVATION 7)	DISCRETE GRAB	3
OP3-GPR-EXC-23	(2 - 3')	11-20-05		NR	NR	NR	23	SOIL (PILE 7 FROM EXCAVATION 7)	DISCRETE GRAB	3
OP3-GPR-EXC-C7	(0 - 3')	11-20-05	NR	NR	NR	SEE LAB REPORT	21 - 23	SOIL (PILE 7 FROM EXCAVATION 7)	FIELD COMPOSITE	3
OP3-GPR-EXC-24	(0 - 6')	11-20-05		SEE LAB REPORT	SEE LAB REPORT	SEE LAB REPORT	24	SOIL (FROM BOTTOM WEST OF EXCAVATION 8)	DISCRETE GRAB	2
OP3-GPR-EXC-25	(0 - 6')	11-20-05		SEE LAB REPORT	SEE LAB REPORT	SEE LAB REPORT	25	SOIL (FROM BOTTOM EAST OF EXCAVATION 8)	DISCRETE GRAB	2
OP3-GPR-EXC-26	(0 - 1')	11-21-05		NR	NR	NR	26	SOIL (PILE 8 FROM EXCAVATION 8)	DISCRETE GRAB	3
OP3-GPR-EXC-27	(1 - 2')	11-21-05		NR	NR	NR	27	SOIL (PILE 8 FROM EXCAVATION 8)	DISCRETE GRAB	3
OP3-GPR-EXC-28	(2 - 3')	11-21-05		NR	NR	NR	28	SOIL (PILE 8 FROM EXCAVATION 8)	DISCRETE GRAB	3
OP3-GPR-EXC-29	(0 - 1')	11-21-05		NR	NR	NR	29	SOIL (PILE 8 FROM EXCAVATION 8)	DISCRETE GRAB	3
OP3-GPR-EXC-30	(1 - 2')	11-21-05		NR	NR	NR	30	SOIL (PILE 8 FROM EXCAVATION 8)	DISCRETE GRAB	3
OP3-GPR-EXC-C8	(0 - 3')	11-21-05	NR	SEE LAB REPORT	NR	SEE LAB REPORT	26 - 30	SOIL (PILE 8 FROM EXCAVATION 8)	FIELD COMPOSITE	3
OP3-GPR-EXC-31	(0 - 6')	11-21-05		SEE LAB REPORT	SEE LAB REPORT	SEE LAB REPORT	31	SOIL (FROM BOTTOM OF EXCAVATION 9)	DISCRETE GRAB	2
OP3-GPR-EXC-32	(0 - 1')	11-27-05		NR	NR	NR	32	SOIL (PILE 9 FROM EXCAVATION 9)	DISCRETE GRAB	3
OP3-GPR-EXC-33	(1 - 2')	11-27-05		NR	NR	NR	33	SOIL (PILE 9 FROM EXCAVATION 9)	DISCRETE GRAB	3
OP3-GPR-EXC-34	(2 - 3')	11-27-05		NR	NR	NR	34	SOIL (PILE 9 FROM EXCAVATION 9)	DISCRETE GRAB	3
OP3-GPR-EXC-C9	(0 - 3')	11-27-05	NR	NR	NR	SEE LAB REPORT	32 - 34	SOIL (PILE 9 FROM EXCAVATION 9)	FIELD COMPOSITE	3

NOT REQUIRED

OP-3 G.P.R. Ecavation Sampling

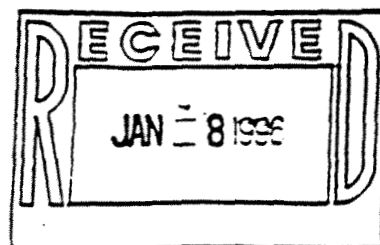
(201.22 05)

Table 1 (cont)

LAB ID	SAMPLE DEPTH	SAMPLE DATE	PCBs PPM	VOCs	SVOCs	RCRA METALS	SAMPLE LOCATION	SAMPLE MATERIAL	SAMPLE TYPE	SEE FIGURE
OP3-GPR-EXC-35	(0 - 1)	11-27-05		NR	NR	NR	35	SOIL (PILE 10 FROM EXCAVATION 10)	DISCRETE GRAB	3
OP3-GPR-EXC-36	(1 - 2)	11-27-05		NR	NR	NR	36	SOIL (PILE 10 FROM EXCAVATION 10)	DISCRETE GRAB	3
OP3-GPR-EXC-37	(2 - 3)	11-27-05		NR	NR	NR	37	SOIL (PILE 10 FROM EXCAVATION 10)	DISCRETE GRAB	3
P3-GPR-EXC-C10	(0 - 3)	11-27-05	NR	NR	NR	SEE LAB REPORT	35 - 37	SOIL (PILE 10 FROM EXCAVATION 10)	FIELD COMPOSITE	3
OP3-GPR-EXC-D1	(0 - 6')	11-21-05		SEE LAB REPORT	SEE LAB REPORT	SEE LAB REPORT	31	SOIL (FROM BOTTOM OF EXCAVATION 9)	DISCRETE GRAB	2
OP3-GPR-EXC-D2	(1 - 2)	11-27-05		NR	NR	NR	36	SOIL (PILE 10 FROM EXCAVATION 10)	DISCRETE GRAB	3
OP3-GPR-EXC-EB-1	.....	11-21-05		SEE LAB REPORT	SEE LAB REPORT	SEE LAB REPORT	.....	WATER (EQUIPMENT RINSE BLANK)	DISCRETE GRAB	.....
OP3-GPR-EXC-EB-2	.....	11-27-05		NR	NR	NR	.....	WATER (EQUIPMENT RINSE BLANK)	DISCRETE GRAB	.....

NOT REQUIRED
 MS/MSD WAS RUN ON SAMPLES OP3-GPR-EXC-29 AND OP3-GPR-EXC-36
 SVOC AND RCRA METALS MS/MSD WAS RUN ON SAMPLE OP3-GPR-EXC-31

GENERAL ELECTRIC
 ENVIRONMENTAL LABORATORY
 Pittsfield, Mass



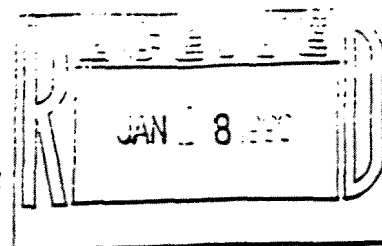
PCB Analysis

OP3-GPR-Excation Sampling
 Project No. 201.22.05

12/11/1995

SAMPLE NUMBER	SAMPLE DATE	EXTRACT DATE	PCB CONTENT (ug/g)	Recovery †
OP3-GPR-EXC-01	11/16/95	11/20/95	1530	
OP3-GPR-EXC-02	11/17/95	11/20/95	753	
OP3-GPR-EXC-03	11/17/95	11/20/95	188	
OP3-GPR-EXC-04	11/17/95	11/20/95	1240	
OP3-GPR-EXC-05	11/17/95	11/20/95	362	
OP3-GPR-EXC-06	11/17/95	11/21/95	575	
OP3-GPR-EXC-07	11/17/95	11/21/95	170	
OP3-GPR-EXC-08	11/17/95	11/21/95	1570	
OP3-GPR-EXC-09	11/17/95	11/21/95	1050	
OP3-GPR-EXC-10	11/17/95	11/21/95	1800	
OP3-GPR-EXC-11	11/17/95	11/21/95	6440	
OP3-GPR-EXC-12	11/20/95	11/27/95	1530	
OP3-GPR-EXC-13	11/20/95	11/27/95	1920	
OP3-GPR-EXC-14	11/20/95	11/27/95	914	
OP3-GPR-EXC-15	11/20/95	11/27/95	735	
OP3-GPR-EXC-16	11/20/95	11/27/95	2280	
OP3-GPR-EXC-17	11/20/95	11/28/95	573	
OP3-GPR-EXC-18	11/20/95	11/28/95	1120	
OP3-GPR-EXC-19	11/20/95	11/28/95	172	
OP3-GPR-EXC-20	11/20/95	11/28/95	398	
OP3-GPR-EXC-21	11/20/95	11/28/95	223	
OP3-GPR-EXC-22	11/20/95	11/28/95	862	
OP3-GPR-EXC-23	11/20/95	11/29/95	824	
OP3-GPR-EXC-24	11/20/95	11/29/95	10	
OP3-GPR-EXC-25	11/20/95	11/29/95	18	
OP3-GPR-EXC-26	11/21/95	11/29/95	71	
OP3-GPR-EXC-27	11/21/95	11/29/95	99	
OP3-GPR-EXC-28	11/21/95	11/30/95	97	
OP3-GPR-EXC-29	11/21/95	11/30/95	102	
OP3-GPR-EXC-30	11/21/95	11/30/95	110	
OP3-GPR-EXC-31	11/21/95	11/30/95	96	
OP3-GPR-EXC-32	11/27/95	11/30/95	11	
OP3-GPR-EXC-33	11/27/95	12/ 4/95	5	
OP3-GPR-EXC-34	11/27/95	12/ 4/95	7	
OP3-GPR-EXC-35	11/27/95	12/ 4/95	30	
OP3-GPR-EXC-36	11/27/95	12/ 4/95	105	

GENERAL ELECTRIC
ENVIRONMENTAL LABORATORY
Pittsfield, Mass



PCB Analysis

OP3-GPR-Excation Sampling
Project No. 201.22.05

12/11/1995

SAMPLE NUMBER	SAMPLE DATE	EXTRACT DATE	PCB CONTENT (ug/g)	Recovery %
OP3-GPR-EXC-37	11/27/95	12/ 4/95	119	
OP3-GPR-EXC-D1	11/21/95	12/ 5/95	106	
OP3-GPR-EXC-D2	11/27/95	12/ 5/95	116	
OP3-GPR-EXC-26MS	11/21/95	12/ 5/95		92.6%
OP3-GPR-EXC-26MSD	11/21/95	12/ 5/95		88.5%
OP3-GPR-EXC-29MS	11/21/95	12/ 5/95		92.2%
OP3-GPR-EXC-29MSD	11/21/95	12/ 5/95		98.5%
*OP3-GPR-EXC-EB1	11/21/95	11/22/95	<0.5 PPB	
*OP3-GPR-EXC-EB2	11/27/95	11/29/95	<0.5 PPB	

Comments: Extraction Method - Modified #3540
Analysis - GC/ECD packed column

*These water samples were extracted using the GE Co.
water extraction method.

Report by: JS Nicholson

Distribution:

WA Fessler
M Phillips
File



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CLIENT: General Electric Company
 CLIENT'S SAMPLE ID: OP3-GPR-EXC-~~E4~~24
 AES sample #: 951121APO6 Samples taken by: Client
 MATRIX: Soil

Date Sampled: 11/20/95
 Date sample received: 11/21/95
 Location: OP3GPR Exc. grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBOOK REF</u>	<u>TEST DATE</u>
Arsenic	EPA-6010	<2.5	ug/g	CG-I-1F-98	12/12/95
Barium	EPA-6010	128	ug/g	CG-I-1F-98	12/12/95
	EPA-6010	<0.25	ug/g	CG-I-1F-98	12/12/95
	EPA-6010	97.5	ug/g	CG-I-1F-98	12/12/95
Lead	EPA-6010	170	ug/g	CG-I-1F-98	12/12/95
Mercury	EPA-7471	0.05	ug/g	SZ-FAM-37	12/05/95
Selenium	EPA-6010	<2.5	ug/g	CG-I-1F-98	12/12/95
Silver	EPA-6010	<1	ug/g	CG-I-1F-98	12/12/95
Chloromethane	EPA-8240	<10	ug/kg	AP-BC-1	11/30/95
Bromomethane	EPA-8240	<10	ug/kg	AP-BC-1	11/30/95
Iodide	EPA-8240	<10	ug/kg	AP-BC-1	11/30/95
Carbonoethane	EPA-8240	<10	ug/kg	AP-BC-1	11/30/95
Methylene Chloride	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Trichlorofluoromethane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
1,1-Dichloroethene	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
1,1-Dichloroethane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
1,2-Dichloroethene Total	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Chloroform	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
1,2-Dichloroethane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
1,1,1-Trichloroethane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95



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CLIENT: General Electric Company
 CLIENT'S SAMPLE ID: OP3-GPR-EXC-E4 2-1
 AES sample #: 951121APO6 Samples taken by: Client
 MATRIX: Soil

Date Sampled: 11/20/95
 Date sample received: 11/21/95
 Location: OP3GPR Exc. grab

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTE/REF</u>	<u>TEST DATE</u>
Carbon Tetrachloride	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Bromo dichloromethane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
1,2 Dichloropropane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
trans-1,3-Dichloropropene	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Trichloroethene	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Benzene	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Dibromochloromethane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
1,1,2-Trichloroethane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
cis-1,3-Dichloropropene	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
2-Chloroethylvinylether	EPA-8240	<10	ug/kg	AP-BC-1	11/30/95
Bromoform	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
1,1,2,2-Tetrachloroethane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Tetrachloroethene	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Toluene	EPA-8240	73	ug/kg	AP-BC-1	11/30/95
Chlorobenzene	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Ethylbenzene	EPA-8240	16	ug/kg	AP-BC-1	11/30/95
Xylenes, Total	EPA-8240	530	ug/kg	AP-BC-1	11/30/95
Acenaphthene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Acenaphthylene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Anthracene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95



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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: OP3-GPR-EXC-E424
AES sample #: 951121APO6
Samples taken by: Client
MATRIX: Soil
Date Sampled: 11/20/95
Date sample received: 11/21/95
Location: OP3GPR Exc. grab

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK REF</u>	<u>TEST DATE</u>
Benzo(a)anthracene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Benzo(b)fluoranthene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Benzo(k)fluoranthene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Benzo(g,h,i)perylene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Benzo(a)pyrene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Benzidine	EPA-8270	<2600	ug/kg	MT-BB-46	12/08/95
Butylbenzylphthalate	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Bis(2-Chloroethoxy)methane	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Bis(2-Chloroethyl)ether	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Bis(2-Chloroisopropyl)ether	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Bis(2-Ethylhexyl)phthalate	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Bromophenylphenyl ether	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
2-Chloronaphthalene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Chlorophenylphenyl ether	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Chrysene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Dibenzo(a,h)anthracene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Di-n-butylphthalate	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
1,2-Dichlorobenzene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
1,3-Dichlorobenzene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
1,4-Dichlorobenzene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95



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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: OP3-GPR-EXC-2424
AES sample #: 951121APO6
Samples taken by: Client
MATRIX: Soil

Date Sampled: 11/20/95
Date sample received: 11/21/95
Location: OP3GPR Exc.
grab

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTE/BK REF</u>	<u>TEST DATE</u>
3,3'-Dichlorobenzidine	EPA-8270	<660	ug/kg	MT-BB-46	12/08/95
Diethylphthalate	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Dimethylphthalate	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
2,4-Dinitrotoluene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
2,6-Dinitrotoluene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Di-n-octylphthalate	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Fluoranthene	EPA-8270	1400	ug/kg	MT-BB-46	12/08/95
Fluorene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Hexachlorobenzene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Hexachlorobutadiene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Hexachlorocyclopentadiene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Hexachloroethane	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Indeno(1,2,3-cd)pyrene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Isophorone	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Naphthalene	EPA-8270	1600	ug/kg	MT-BB-46	12/08/95
Nitrobenzene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
N-Nitroso-di-n-propylamine	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
N-Nitrosodiphenylamine	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
N-Nitrosodimethylamine	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
1,2 Diphenylhydrazine	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95



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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: OP3-GPR-EXC-E42-1
AES sample #: 951121APO6
Samples taken by: Client
MATRIX: Soil
Date Sampled: 11/20/95
Date sample received: 11/21/95
Location: OP3GPR Exc. grab

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK REF</u>	<u>TEST DATE</u>
Phenanthrene	EPA-8270	2000	ug/kg	MT-BB-46	12/08/95
Pyrene	EPA-8270	1800	ug/kg	MT-BB-46	12/08/95
1,2,4-Trichlorobenzene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
2-Chloro-3-methylphenol	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
2,4-Dichlorophenol	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
2,4-Dimethylphenol	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
2,4-Dinitrophenol	EPA-8270	<1600	ug/kg	MT-BB-46	12/08/95
4,6-Dinitro-2-Methylphenol	EPA-8270	<1600	ug/kg	MT-BB-46	12/08/95
4-Nitrophenol	EPA-8270	<1600	ug/kg	MT-BB-46	12/08/95
2-Nitrophenol	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Pentachlorophenol	EPA-8270	<1600	ug/kg	MT-BB-46	12/08/95
Phenol	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
2,4,6-Trichlorophenol	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
2-Methylnapthalene	EPA-8270	1500	ug/kg	MT-BB-46	12/08/95



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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: OP3-GPR-EXC-25

Date Sampled: 11/20/95

Date sample received: 11/21/95

AES sample #: 951121AP07

Samples taken by: Client

Location: OP3GPR Exc.

MATRIX: Soil

grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK REF</u>	<u>TEST DATE</u>
Arsenic	EPA-6010	<2.5	ug/g	CG-I-1F-98	12/12/95
Barium	EPA-6010	25.5	ug/g	CG-I-1F-98	12/12/95
Cadmium	EPA-6010	<0.25	ug/g	CG-I-1F-98	12/12/95
Chromium	EPA-6010	12.3	ug/g	CG-I-1F-98	12/12/95
Lead	EPA-6010	37	ug/g	CG-I-1F-98	12/12/95
Mercury	EPA-7471	<0.02	ug/g	SZ-FAM-37	12/05/95
Selenium	EPA-6010	<2.5	ug/g	CG-I-1F-98	12/12/95
Silver	EPA-6010	<1	ug/g	CG-I-1F-98	12/12/95
Chloromethane	EPA-8240	<10	ug/kg	AP-BC-1	11/30/95
Bromomethane	EPA-8240	<10	ug/kg	AP-BC-1	11/30/95
Acetylene Chloride	EPA-8240	<10	ug/kg	AP-BC-1	11/30/95
Chloroethane	EPA-8240	<10	ug/kg	AP-BC-1	11/30/95
Methylene Chloride	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Trichlorofluoromethane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
1,1-Dichloroethene	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
1,1-Dichloroethane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
1,2-Dichloroethene Total	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Chloroform	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
1,2-Dichloroethane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
1,1,1-Trichloroethane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95



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CLIENT: General Electric Company

CLIENT'S SAMPLE ID: OP3-GPR-EXC-25

AES sample #: 951121APO7

Samples taken by: Client

MATRIX: Soil

Date Sampled: 11/20/95

Date sample received: 11/21/95

Location: OP3GPR Exc.
grab

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTE/BOOK REF</u>	<u>TEST DATE</u>
Carbon Tetrachloride	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Bromo dichloromethane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
1,2 Dichloropropane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
trans-1,3-Dichloropropene	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Trichloroethene	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Benzene	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Dibromochloromethane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
1,1,2-Trichloroethane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
cis-1,3-Dichloropropene	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
2-Chloroethylvinylether	EPA-8240	<10	ug/kg	AP-BC-1	11/30/95
Bromoform	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
1,1,2,2-Tetrachloroethane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Tetrachloroethene	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Toluene	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Chlorobenzene	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Ethylbenzene	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Xylenes, Total	EPA-8240	8	ug/kg	AP-BC-1	11/30/95
Acenaphthene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Acenaphthylene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Anthracene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95



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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: OP3-GPR-EXC-25
AES sample #: 951121APO7
Samples taken by: Client
MATRIX: Soil
Date Sampled: 11/20/95
Date sample received: 11/21/95
Location: OP3GPR Exc. grab

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK REF</u>	<u>TEST DATE</u>
Benzo(a)anthracene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Benzo(b)fluoranthene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Benzo(k)fluoranthene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Benzo(g,h,i)perylene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Benzo(a)pyrene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Benzidine	EPA-8270	<2600	ug/kg	MT-BB-46	12/08/95
Butylbenzylphthalate	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Bis(2-Chloroethoxy)methane	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Bis(2-Chloroethyl)ether	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Bis(2-Chloroisopropyl)ether	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Bis(2-Ethylhexyl)phthalate	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Bromophenylphenyl ether	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
2-Chloronaphthalene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Chlorophenylphenyl ether	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Chrysene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Dibenzo(a,h)anthracene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Di-n-butylphthalate	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
1,2-Dichlorobenzene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
1,3-Dichlorobenzene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
1,4-Dichlorobenzene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95



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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: OP3-GPR-EXC-25
AES sample #: 951121APO7
Samples taken by: Client
MATRIX: Soil
Date Sampled: 11/20/95
Date sample received: 11/21/95
Location: OP3GPR Exc. grab

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK REF</u>	<u>TEST DATE</u>
3,3'-Dichlorobenzidine	EPA-8270	<660	ug/kg	MT-BB-46	12/08/95
Diethylphthalate	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Dimethylphthalate	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
2,4-Dinitrotoluene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
2,6-Dinitrotoluene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Di-n-octylphthalate	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Fluoranthene	EPA-8270	500	ug/kg	MT-BB-46	12/08/95
Fluorene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Hexachlorobenzene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Hexachlorobutadiene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Hexachlorocyclopentadiene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Hexachloroethane	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Indeno(1,2,3-cd)pyrene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Isophorone	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Naphthalene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Nitrobenzene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
N-Nitroso-di-n-propylamine	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
N-Nitrosodiphenylamine	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
N-Nitrosodimethylamine	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
1,2 Diphenylhydrazine	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95



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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: OP3-GPR-EXC-25
AES sample #: 951121APO7
Samples taken by: Client
MATRIX: Soil

Date Sampled: 11/20/95
Date sample received: 11/21/95
Location: OP3GPR Exc. grab

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBK REF</u>	<u>TEST DATE</u>
Phenanthrene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Pyrene	EPA-8270	430	ug/kg	MT-BB-46	12/08/95
1,2,4-Trichlorobenzene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
4-Chloro-3-methylphenol	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
2-Chlorophenol	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
2,4-Dichlorophenol	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
2,4-Dimethylphenol	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
2,4-Dinitrophenol	EPA-8270	<1600	ug/kg	MT-BB-46	12/08/95
4,6-Dinitro-2-Methylphenol	EPA-8270	<1600	ug/kg	MT-BB-46	12/08/95
3-Nitrophenol	EPA-8270	<1600	ug/kg	MT-BB-46	12/08/95
4-Nitrophenol	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Pentachlorophenol	EPA-8270	<1600	ug/kg	MT-BB-46	12/08/95
Phenol	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
2,4,6-Trichlorophenol	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
2-Methylnapthalene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95



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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: OP3-GPR-EXC-31
AES sample #: 951121APO8
Samples taken by: Client
MATRIX: Soil

Date Sampled: 11/21/95
Date sample received: 11/21/95
Location: OP3GPR Exc.
grab

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBOOK REF</u>	<u>TEST DATE</u>
Arsenic	EPA-6010	<2.5	ug/g	CG-I-1F-98	12/12/95
Barium	EPA-6010	62	ug/g	CG-I-1F-98	12/12/95
Cadmium	EPA-6010	<0.25	ug/g	CG-I-1F-98	12/12/95
Chromium	EPA-6010	29.0	ug/g	CG-I-1F-98	12/12/95
Lead	EPA-6010	140	ug/g	CG-I-1F-98	12/12/95
Mercury	EPA-7471	0.07	ug/g	SZ-FAM-37	12/05/95
Selenium	EPA-6010	<2.5	ug/g	CG-I-1F-98	12/12/95
Silver	EPA-6010	<1	ug/g	CG-I-1F-98	12/12/95
Chloromethane	EPA-8240	<10	ug/kg	AP-BC-1	11/30/95
Bromomethane	EPA-8240	<10	ug/kg	AP-BC-1	11/30/95
Vinyl Chloride	EPA-8240	<10	ug/kg	AP-BC-1	11/30/95
Chloroethane	EPA-8240	<10	ug/kg	AP-BC-1	11/30/95
Methylene Chloride	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Trichlorofluoromethane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
1,1-Dichloroethene	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
1,1-Dichloroethane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
1,2-Dichloroethene Total	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Chloroform	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
1,2-Dichloroethane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
1,1,1-Trichloroethane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95



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CLIENT: General Electric Company

CLIENT'S SAMPLE ID: OP3-GPR-EXC-31

AES sample #: 951121APO8

Samples taken by: Client

MATRIX: Soil

Date Sampled: 11/21/95

Date sample received: 11/21/95

Location: OP3GPR Exc.
grab

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBOOK REF</u>	<u>TEST DATE</u>
Carbon Tetrachloride	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Bromo dichloromethane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
1,2 Dichloropropane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
trans-1,3-Dichloropropene	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Trichloroethene	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Benzene	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Dibromochloromethane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
,1,2-Trichloroethane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
cis-1,3-Dichloropropene	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
2-Chloroethylvinylether	EPA-8240	<10	ug/kg	AP-BC-1	11/30/95
Bromoform	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
1,1,2,2-Tetrachloroethane	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Tetrachloroethene	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Toluene	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Chlorobenzene	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Ethylbenzene	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Xylenes, Total	EPA-8240	<5	ug/kg	AP-BC-1	11/30/95
Acenaphthene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Acenaphthylene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Anthracene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95



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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: OP3-GPR-EXC-31
AES sample #: 951121APO8
Samples taken by: Client
MATRIX: Soil

Date Sampled: 11/21/95
Date sample received: 11/21/95
Location: OP3GPR Exc.
grab

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBOOK REF</u>	<u>TEST DATE</u>
Benzo(a)anthracene	EPA-8270	730	ug/kg	MT-BB-46	12/08/95
Benzo(b)fluoranthene	EPA-8270	630	ug/kg	MT-BB-46	12/08/95
Benzo(k)fluoranthene	EPA-8270	630	ug/kg	MT-BB-46	12/08/95
Benzo(g,h,i)perylene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Benzo(a)pyrene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Benzidine	EPA-8270	<2600	ug/kg	MT-BB-46	12/08/95
Butylbenzylphthalate	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Bis(2-Chloroethoxy)methane	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Bis(2-Chloroethyl)ether	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Bis(2-Chloroisopropyl)ether	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
-Ethylhexyl)phthalate	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Bromophenylphenyl ether	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
2-Chloronaphthalene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Chlorophenylphenyl ether	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Chrysene	EPA-8270	790	ug/kg	MT-BB-46	12/08/95
Dibenzo(a,h)anthracene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Di-n-butylphthalate	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
1,2-Dichlorobenzene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
1,3-Dichlorobenzene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
1,4-Dichlorobenzene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95



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CLIENT: General Electric Company
CLIENT'S SAMPLE ID: OP3-GPR-EXC-31
AES sample #: 951121APOS
Samples taken by: Client
MATRIX: Soil
Date Sampled: 11/21/95
Date sample received: 11/21/95
Location: OP3GPR Exc. grab

continued:

<u>PARAMETER PERFORMED</u>	<u>METHOD</u>	<u>RESULT</u>	<u>UNITS</u>	<u>NOTEBOOK REF</u>	<u>TEST DATE</u>
3,3'-Dichlorobenzidine	EPA-8270	<660	ug/kg	MT-BB-46	12/08/95
Diethylphthalate	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Dimethylphthalate	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
2,4-Dinitrotoluene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
2,6-Dinitrotoluene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Di-n-octylphthalate	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Fluoranthene	EPA-8270	1400	ug/kg	MT-BB-46	12/08/95
Fluorene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Hexachlorobenzene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Hexachlorobutadiene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Hexachlorocyclopentadiene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Hexachloroethane	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Indeno(1,2,3-cd)pyrene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Isophorone	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Naphthalene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
Nitrobenzene	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
N-Nitroso-di-n-propylamine	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
N-Nitrosodiphenylamine	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
N-Nitrosodimethylamine	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95
1,2 Diphenylhydrazine	EPA-8270	<330	ug/kg	MT-BB-46	12/08/95

TABLE 2
SUMMARY OF PCB DETECTIONS IN SUBSURFACE SOIL

Matrix: Subsurface Soil

Total PCBs

Sample ID	UBB-01	UBB-02	UBB-03	UBB-04	UBB-10	UBB-12	UBB-13
Borehole	UB-SB-1	UB-SB-2	UB-SB-3	UB-SB-4	UB-SB-10	UB-SB-12	UB-SB-13
Depth	Result	Result	Result	Result	Result	Result	Result
0' - 0.5'							
0' - 2'	2.4		8.4	1.5	0.02	0.85	0.15
2' - 4'	0.029	0.08	2.3	1.1	ND	ND	ND
4' - 6'	0.016	ND	ND		0.033	ND	ND
6' - 8'	0.17	ND	ND		0.063	ND	ND
8' - 10'	ND		ND		ND		ND
10' - 12'			ND		ND	ND	ND
12' - 14'					ND		ND
14' - 16'							
16' - 18'							
18' - 20'							
20' - 22'							
22' - 24'							
24' - 26'							
26' - 28'							
28' - 30'							

Notes:

Units are in ppm (parts per million).

Blank space in Results column indicates not sampled at specified depth.

Refer to Table 1 for qualifier definitions.

TABLE 3
SUMMARY OF VOC DETECTIONS IN SUBSURFACE SOIL

Matrix: Subsurface Soil

Parameter	Sample Point UBB010002		Sample Point UBB010810		Sample Point UBB020406		Sample Point UBB030608		Sample Point UBB030608	
	Lab ID: 817631		Lab ID: 817667		Lab ID: 819155		Lab ID: 830127		Lab ID: 819173	
	Borehole: UB-SB-01		Borehole: UB-SB-01		Borehole: UB-SB-02		Borehole: UB-SB-03		Borehole: UB-SB-03	
	Depth: 0' - 2'		Depth: 8' - 10'		Depth: 4' - 6'		Depth: 6' - 8'		Depth: 6' - 8'	
	Date Sampled: 7/30/96		Date Sampled: 7/30/96		Date Sampled: 8/9/96		Date Sampled: 11/4/96		Date Sampled: 8/9/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Methylene Chloride	0.02	B	0.017	JB	0.004	JB	0.005	JB	0.017	JB
Acetone	0.015	JB	0.017	JB	0.019	JB	0.17		0.033	JB
2-Butanone	---	---	---	---	---	---	0.013	J	---	---
Trichloroethene	---	---	---	---	---	---	---	---	---	---
Benzene	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene	---	---	---	---	---	---	0.003	J	---	---
Toluene	---	---	---	---	---	---	0.004	J	---	---
Chlorobenzene	---	---	0.008	J	---	---	---	---	---	---
Ethylbenzene	---	---	---	---	---	---	0.36	E	0.12	
Total Xylenes	---	---	---	---	---	---	0.18		0.06	
Acetonitrile	---	---	---	---	0.021	J	---	---	---	---

Notes:

Units are in ppm (parts per million).
Refer to Table 1 for qualifier definitions.

TABLE 3
SUMMARY OF VOC DETECTIONS IN SUBSURFACE SOIL

Matrix: Subsurface Soil

Parameter	Sample Point UBB131214		Sample Point UBB140406		Sample Point UBB150810		Sample Point UBB160406		Sample Point UBW071416	
	Lab ID: 817690		Lab ID: 818847		Lab ID: 819204		Lab ID: 818348		Lab ID: 817993	
	Borehole: UB-SB-13		Borehole: UB-SB-14		Borehole: UB-SB-15		Borehole: UB-SB-16		Borehole: UB-MW-07	
	Depth: 12' - 14'		Depth: 4' - 6'		Depth: 8' - 10'		Depth: 4' - 6'		Depth: 14' - 16'	
	Date Sampled: 7/30/96		Date Sampled: 8/7/96		Date Sampled: 8/9/96		Date Sampled: 8/5/96		Date Sampled: 8/1/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Methylene Chloride	0.018	JB	0.004	JB	---	---	0.013	JB	0.017	B
Acetone	0.074	JB	0.018	JB	---	---	0.035	JB	0.038	JB
2-Butanone	0.007	J	---	---	---	---	---	---	---	---
Trichloroethene	---	---	0.027	---	5.8	---	---	---	---	---
Benzene	---	---	0.002	J	---	---	---	---	---	---
Tetrachloroethene	---	---	---	---	---	---	---	---	---	---
Toluene	---	---	---	---	2.7	J	---	---	---	---
Chlorobenzene	---	---	---	---	1.9	J	0.003	J	---	---
Ethylbenzene	---	---	---	---	---	---	---	---	---	---
Total Xylenes	---	---	---	---	---	---	---	---	---	---
Acetonitrile	---	---	0.032	J	---	---	---	---	---	---

Notes:

Units are in ppm (parts per million).
Refer to Table 1 for qualifier definitions.

TABLE 4
SUMMARY OF SVOC DETECTIONS IN SUBSURFACE SOIL

Matrix: Subsurface Soil

Parameter	Sample Point UBB131214		Sample Point UBB140406		Sample Point UBB150810		Sample Point UBW071416	
	Lab ID: 817691		Lab ID: 818848		Lab ID: 819205		Lab ID: 817994	
	Borehole: UB-SB-13		Borehole: UB-SB-14		Borehole: UB-SB-15		Borehole: UB-MW-07	
	Depth: 12' - 14'		Depth: 4' - 6'		Depth: 8' - 10'		Depth: 14' - 16'	
	Date Sampled: 7/30/96		Date Sampled: 8/7/96		Date Sampled: 8/9/96		Date Sampled: 8/1/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Phenol	---	---	---	---	---	---	---	---
Aniline	---	---	---	---	---	---	---	---
1,3-Dichlorobenzene	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	---	---	---	---	0.098	J	---	---
1,2-Dichlorobenzene	---	---	---	---	---	---	---	---
Acetophenone	---	---	---	---	---	---	---	---
o-Toluidine hydrochloride	---	---	---	---	---	---	---	---
Isophorone	---	---	0.79	---	---	---	---	---
1,2,4-Trichlorobenzene	---	---	0.4	J	---	---	---	---
Naphthalene	---	---	---	---	0.76	J	---	---
2-Methylnaphthalene	---	---	---	---	---	---	---	---
1,2,4,5-Tetrachlorobenzene	---	---	0.037	J	---	---	---	---
2-Chloronaphthalene	---	---	---	---	---	---	---	---
Acenaphthylene	---	---	---	---	---	---	---	---
Acenaphthene	---	---	0.12	J	---	---	---	---
Pentachlorobenzene	---	---	---	---	---	---	---	---
Dibenzofuran	---	---	0.074	J	---	---	---	---
Zinophos	---	---	---	---	---	---	---	---
Fluorene	---	---	0.12	J	---	---	---	---
Phenanthrene	---	---	0.96	---	---	---	---	---
Anthracene	---	---	0.2	J	---	---	---	---
Di-n-butylphthalate	---	---	---	---	---	---	---	---
Fluoranthene	---	---	1.6	---	---	---	---	---
Pyrene	---	---	1	---	---	---	---	---
bis(2-Ethylhexyl)Phthalate	0.075	J	0.32	J	0.17	J	0.045	J
Benzo(a)Anthracene	---	---	0.69	J	---	---	---	---
Benzo(b)Fluoranthene	---	---	0.94	X	---	---	---	---

Notes:

Units are in ppm (parts per million).
Refer to Table 1 for qualifier definitions.

TABLE 4
SUMMARY OF SVOC DETECTIONS IN SUBSURFACE SOIL

Matrix: Subsurface Soil

Parameter	Sample Point UBB131214		Sample Point UBB140406		Sample Point UBB150810		Sample Point UBW071416	
	Lab ID: 817691		Lab ID: 818848		Lab ID: 819205		Lab ID: 817994	
	Borehole: UB-SB-13		Borehole: UB-SB-14		Borehole: UB-SB-15		Borehole: UB-MW-07	
	Depth: 12' - 14'		Depth: 4' - 6'		Depth: 8' - 10'		Depth: 14' - 16'	
	Date Sampled: 7/30/96		Date Sampled: 8/7/96		Date Sampled: 8/9/96		Date Sampled: 8/1/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Benzo(k)Fluoranthene	---	---	1.2	X	---	---	---	---
Benzo(a)Pyrene	---	---	0.59	J	---	---	---	---
Indeno(1,2,3-cd)Pyrene	---	---	0.37	J	---	---	---	---
Dibenz(a,h)Anthracene	---	---	---	---	---	---	---	---
Benzo(g,h,i)Perylene	---	---	0.34	J	---	---	---	---
Chrysene	---	---	0.52	J	---	---	---	---

Notes:

Units are in ppm (parts per million).
Refer to Table 1 for qualifier definitions.

TABLE 5
SUMMARY OF INORGANIC DETECTIONS IN SUBSURFACE SOIL

Matrix: Subsurface Soil

Parameter	Sample Point UBW071416	
	Result	Qual
Antimony	---	---
Arsenic	1.8	
Barium	17.1	B
Beryllium	0.17	B
Cadmium	0.09	B
Chromium	5	
Cobalt	4.7	B
Copper	10.4	
Lead	5.4	
Mercury	---	---
Nickel	9.5	
Selenium	---	---
Silver	---	---
Thallium	---	---
Vanadium	5.5	B
Zinc	28.3	N
Tin	2.2	B
Cyanide	---	---
Sulfide	---	---

Notes:

Units are in ppm (parts per million).
 Refer to Table 1 for qualifier definitions.

SUMMARY OF DIOXIN AND FURAN DETECTIONS IN SUBSURFACE SOIL

Matrix: Subsurface Soil

Parameter	Sample Point UBB010002		Sample Point UBB010810		Sample Point UBB020406		Sample Point UBB101214		Sample Point UBB120002	
	Lab ID: 0001		Lab ID: 0002		Lab ID: 0009		Lab ID: 0010		Lab ID: 0003	
	Borehole: UB-SB-01		Borehole: UB-SB-01		Borehole: UB-SB-02		Borehole: UB-SB-10		Borehole: UB-SB-12	
	Depth: 0' - 2'		Depth: 8' - 10'		Depth: 4' - 6'		Depth: 12' - 14'		Depth: 0' - 2'	
	Date Sampled: 7/30/96		Date Sampled: 7/30/96		Date Sampled: 8/9/96		Date Sampled: 8/9/96		Date Sampled: 7/30/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TCDFs (total)	0.003		---	---	---	---	---	---	0.000055	
2,3,7,8-TCDF	0.000028	gD	---	---	---	---	---	---	0.0000051	g
PeCDFs (total)	0.0052		---	---	---	---	---	---	0.000042	
1,2,3,7,8-PeCDF	---	---	---	---	---	---	---	---	---	---
2,3,4,7,8-PeCDF	0.000067		---	---	---	---	---	---	0.0000028	@
HxCDFs (total)	0.002		---	---	---	---	---	---	0.000037	
1,2,3,4,7,8-HxCDF	0.00006		---	---	---	---	---	---	0.0000052	
1,2,3,6,7,8-HxCDF	0.0001		---	---	---	---	---	---	---	---
2,3,4,6,7,8-HxCDF	0.00022		---	---	---	---	---	---	0.0000029	@
HpCDFs (total)	0.00032		---	---	---	---	---	---	0.000024	
1,2,3,4,6,7,8-HpCDF	0.00011		---	---	---	---	---	---	0.0000084	
1,2,3,4,7,8,9-HpCDF	0.000019		---	---	---	---	---	---	---	---
OCDF	0.0001		---	---	---	---	---	---	0.00003	
TCDDs (total)	0.00003		---	---	---	---	---	---	0.00000081	
2,3,7,8-TCDD	0.0000034		---	---	---	---	---	---	---	---
PeCDDs (total)	0.00014		---	---	---	---	---	---	---	---
1,2,3,7,8-PeCDD	0.000013		---	---	---	---	---	---	---	---
HxCDDs (total)	0.00054		---	---	---	---	---	---	0.0000048	
1,2,3,4,7,8-HxCDD	0.000012		---	---	---	---	---	---	---	---
1,2,3,6,7,8-HxCDD	0.000054		---	---	---	---	---	---	---	---
1,2,3,7,8,9-HxCDD	0.000037		---	---	---	---	---	---	---	---
HpCDDs (total)	0.00038		---	---	---	---	---	---	0.000056	
1,2,3,4,6,7,8-HpCDD	0.00019		---	---	---	---	---	---	0.000035	
OCDD	0.00098		---	---	---	---	---	---	0.00027	

Notes:

Units are in ppm (parts per million).
Refer to Table 1 for qualifier definitions.

SUMMARY OF DIOXIN AND FURAN DETECTIONS IN SUBSURFACE SOIL

Matrix: Subsurface Soil

Parameter	Sample Point UBB120406		Sample Point UBB131214		Sample Point UBB140406		Sample Point UBB150810		Sample Point UBW071416	
	Lab ID: 0006		Lab ID: 0004		Lab ID: 0003		Lab ID: 0011		Lab ID: 0008	
	Borehole: UB-SB-12		Borehole: UB-SB-13		Borehole: UB-SB-14		Borehole: UB-SB-15		Borehole: UB-MW-07	
	Depth: 4' - 6'		Depth: 12' - 14'		Depth: 4' - 6'		Depth: 8' - 10'		Depth: 14' - 16'	
	Date Sampled: 7/30/96		Date Sampled: 7/30/96		Date Sampled: 8/7/96		Date Sampled: 8/9/96		Date Sampled: 8/2/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
TCDFs (total)	---	---	---	---	0.000029		0.000012		---	---
2,3,7,8-TCDF	---	---	---	---	0.0000014	g	---	---	---	---
PeCDFs (total)	---	---	---	---	0.000049		---	---	---	---
1,2,3,7,8-PeCDF	---	---	---	---	---	---	---	---	---	---
2,3,4,7,8-PeCDF	---	---	---	---	---	---	---	---	---	---
HxCDFs (total)	---	---	---	---	0.000041		---	---	---	---
1,2,3,4,7,8-HxCDF	---	---	---	---	0.000003	@	---	---	---	---
1,2,3,6,7,8-HxCDF	---	---	---	---	---	---	---	---	---	---
2,3,4,6,7,8-HxCDF	---	---	---	---	---	---	---	---	---	---
HpCDFs (total)	---	---	---	---	0.00001		---	---	---	---
1,2,3,4,6,7,8-HpCDF	---	---	---	---	0.0000044	@	---	---	---	---
1,2,3,4,7,8,9-HpCDF	---	---	---	---	---	---	---	---	---	---
OCDF	---	---	---	---	---	---	---	---	---	---
TCDDs (total)	---	---	---	---	0.00000057		0.0000012		---	---
2,3,7,8-TCDD	---	---	---	---	---	---	---	---	---	---
PeCDDs (total)	---	---	---	---	---	---	---	---	---	---
1,2,3,7,8-PeCDD	---	---	---	---	---	---	---	---	---	---
HxCDDs (total)	---	---	---	---	0.0000034		---	---	---	---
1,2,3,4,7,8-HxCDD	---	---	---	---	---	---	---	---	---	---
1,2,3,6,7,8-HxCDD	---	---	---	---	---	---	---	---	---	---
1,2,3,7,8,9-HxCDD	---	---	---	---	---	---	---	---	---	---
HpCDDs (total)	---	---	---	---	0.000014		---	---	---	---
1,2,3,4,6,7,8-HpCDD	---	---	---	---	0.0000068		---	---	---	---
OCDD	---	---	---	---	0.00007		---	---	---	---

Notes:

Units are in ppm (parts per million).
Refer to Table 1 for qualifier definitions.

TABLE 7
SUMMARY OF TOC DETECTIONS IN SUBSURFACE SOIL

Matrix: Subsurface Soil

Parameter	Sample Point UBB010002		Sample Point UBB010810		Sample Point UBB020406		Sample Point UBB020608		Sample Point UBB120002	
	Lab ID: 817646	Borehole: UB-SB-01	Lab ID: 817671	Borehole: UB-SB-01	Lab ID: 819163	Borehole: UB-SB-02	Lab ID: 819168	Borehole: UB-SB-02	Lab ID: 817679	Borehole: UB-SB-12
	Depth: 0' - 2'	Date Sampled: 7/30/96	Depth: 8' - 10'	Date Sampled: 7/30/96	Depth: 4' - 6'	Date Sampled: 8/9/96	Depth: 6' - 8'	Date Sampled: 8/9/96	Depth: 0' - 2'	Date Sampled: 7/30/96
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Total Organic Carbon	36300		24400		11400		11500		21800	

Notes:

Units are in ppm (parts per million).
 Refer to Table 1 for qualifier definitions.

TABLE 9
SUMMARY OF VOC DETECTIONS IN BOG AREA SAMPLES

Matrix: Bog Area

Parameter	Sample Point BBA01502		Sample Point BBA010204		Sample Point BBA010406		Sample Point BBA020204		Sample Point BBA030406	
	Lab ID: 819364		Lab ID: 819370		Lab ID: 819372		Lab ID: 819362		Lab ID: 819379	
	Borehole: BA-1		Borehole: BA-1		Borehole: BA-1		Borehole: BA-2		Borehole: BA-3	
	Depth: 0.5' - 2'		Depth: 2' - 4'		Depth: 4' - 6'		Depth: 2' - 4'		Depth: 4' - 6'	
	Date Sampled: 8/13/96		Date Sampled: 8/13/96		Date Sampled: 8/13/96		Date Sampled: 8/13/96		Date Sampled: 8/13/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Total VOCs	0.213		102.5		423.1		0.015		0.758	
Methylene Chloride	0.007	JB	---	---	---	---	0.006	JB	0.029	JB
Acetone	0.015	JB	---	---	---	---	0.009	JB	0.48	B
2-Butanone	---	---	---	---	---	---	---	---	0.2	
Toluene	---	---	---	---	3.6	J	---	---	---	---
Chlorobenzene	0.19		76		410		---	---	0.049	B
Ethylbenzene	---	---	1.5	J	5.1	J	---	---	---	---
Total Xylenes	0.001	J	25		4.4	J	---	---	---	---

Notes:

Units are in ppm (parts per million).

Refer to Table 1 for qualifier definitions.

TABLE 8
SUMMARY OF PCB DETECTIONS IN BOG AREA SAMPLES

Matrix: Bog Area

Total PCBs

Sample ID	BBA-01	BBA-02	BBA-02FD	BBA-03
Borehole	BA-1	BA-2	BA-2	BA-3
Depth	Result	Result	Result	Result
0' - 0.5'	12	17		17
0.5' - 2'	202	0.083		272
2' - 4'	730	0.55		ND
4' - 5'		0.038		
4' - 6'	3.2			0.033
5' - 6'		ND	ND	

Notes:

Units are in ppm (parts per million).

Blank space in Results column indicates not sampled at specified depth.

Refer to Table 1 for qualifier definitions.

SUMMARY OF SVOC DETECTIONS IN BOG AREA SAMPLES

Matrix: Bog Area

Parameter	Sample Point BBA01.502		Sample Point BBA010204		Sample Point BBA010204DL		Sample Point BBA010406		Sample Point BBA010406DL	
	Lab ID: 819369		Lab ID: 819371		Lab ID: 819371		Lab ID: 819373		Lab ID: 819373	
	Borehole: BA-1		Borehole: BA-1		Borehole: BA-1		Borehole: BA-1		Borehole: BA-1	
	Depth: 0.5' - 2'		Depth: 2' - 4'		Depth: 2' - 4'		Depth: 4' - 6'		Depth: 4' - 6'	
	Date Sampled: 8/13/96		Date Sampled: 8/13/96		Date Sampled: 8/13/96		Date Sampled: 8/13/96		Date Sampled: 8/13/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Phenol	0.14	J	---	---	---	---	---	---	---	---
2-Chlorophenol	---	---	---	---	---	---	0.26	J	---	---
1,3-Dichlorobenzene	0.095	J	---	---	---	---	0.24	J	---	---
1,4-Dichlorobenzene	0.26	J	5.2	J	---	---	5		5	DJ
1,2-Dichlorobenzene	0.06	J	---	---	---	---	3.1		3.2	DJ
3-Methylphenol	---	---	---	---	---	---	0.84	J	---	---
4-Methylphenol	---	---	---	---	---	---	0.84	J	---	---
N-Nitroso-di-n-propylamine	0.39	J	---	---	---	---	---	---	---	---
1,2,4-Trichlorobenzene	0.053	J	---	---	---	---	---	---	---	---
Naphthalene	0.26	J	50		180	DJ	41	E	220	D
2-Methylnaphthalene	0.12	J	3.7	J	---	---	5.7		6.9	DJ
1,2,4,5-Tetrachlorobenzene	---	---	---	---	---	---	0.14	J	---	---
2,4,6-Trichlorophenol	---	---	14	J	23	DJ	---	---	---	---
2,4,5-Trichlorophenol	---	---	8.3	J	---	---	---	---	---	---
1,3-Dinitrobenzene	0.49	J	---	---	---	---	---	---	---	---
Acenaphthene	0.98		---	---	---	---	---	---	---	---
Dibenzofuran	3.8		10	J	---	---	10		13	DJ
2,3,4,6-Tetrachlorophenol	---	---	2100	E	2800	D	15		26	DJ
Fluorene	1.1		0.95	J	---	---	0.25	J	---	---
1,2-Diphenylhydrazine	---	---	---	---	---	---	0.65	J	---	---
Pentachlorophenol	---	---	93		220	DJ	---	---	---	---
Phenanthrene	2.2		3.6	J	---	---	1.2	J	---	---
Anthracene	0.48	J	2.7	J	---	---	3.1		3.6	DJ
Di-n-butylphthalate	0.19	J	---	---	---	---	0.51	J	---	---
Fluoranthene	2.1		5.5	J	---	---	0.62	J	---	---
Pyrene	2.2		6.2	J	---	---	1.9	J	---	---
bis(2-Ethylhexyl)Phthalate	---	---	---	---	---	---	---	---	---	---

Notes:

Units are in ppm (parts per million).

Refer to Table 1 for qualifier definitions.

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TABLE 9
SUMMARY OF SVOC DETECTIONS IN BOG AREA SAMPLES

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Matrix: Bog Area

Parameter	Sample Point BBA01.502		Sample Point BBA010204		Sample Point BBA010204DL		Sample Point BBA010406		Sample Point BBA010406DL	
	Lab ID: 819369		Lab ID: 819371		Lab ID: 819371		Lab ID: 819373		Lab ID: 819373	
	Borehole: BA-1		Borehole: BA-1		Borehole: BA-1		Borehole: BA-1		Borehole: BA-1	
	Depth: 0.5' - 2'		Depth: 2' - 4'		Depth: 2' - 4'		Depth: 4' - 6'		Depth: 4' - 6'	
	Date Sampled: 8/13/96		Date Sampled: 8/13/96		Date Sampled: 8/13/96		Date Sampled: 8/13/96		Date Sampled: 8/13/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Benzo(a)Anthracene	1.2		20		---	---	---	---	---	---
Benzo(b)Fluoranthene	2.2	X	3.7	XJ	---	---	---	---	---	---
Benzo(k)Fluoranthene	2.3	X	3.9	XJ	---	---	---	---	---	---
Benzo(a)Pyrene	0.8	J	2.7	J	---	---	---	---	---	---
Indeno(1,2,3-cd)Pyrene	0.39	J	---	---	---	---	---	---	---	---
Benzo(g,h,i)Perylene	0.57	J	---	---	---	---	---	---	---	---
Chrysene	1.5		6.7	J	---	---	2.8		---	---

Notes:

Units are in ppm (parts per million).
Refer to Table 1 for qualifier definitions.

TABLE 9
SUMMARY OF SVOC DETECTIONS IN BOG AREA SAMPLES

Matrix: Bog Area

Parameter	Sample Point BBA020204		Sample Point BBA030406	
	Lab ID: 819363		Lab ID: 819380	
	Borehole: BA-2		Borehole: BA-3	
	Depth: 2' - 4'		Depth: 4' - 6'	
	Date Sampled: 8/13/96		Date Sampled: 8/13/96	
	Result	Qual	Result	Qual
Phenol	---	---	---	---
2-Chlorophenol	---	---	---	---
1,3-Dichlorobenzene	---	---	---	---
1,4-Dichlorobenzene	---	---	---	---
1,2-Dichlorobenzene	---	---	---	---
3-Methylphenol	---	---	---	---
4-Methylphenol	---	---	---	---
N-Nitroso-di-n-propylamine	---	---	---	---
1,2,4-Trichlorobenzene	---	---	---	---
Naphthalene	---	---	---	---
2-Methylnaphthalene	---	---	---	---
1,2,4,5-Tetrachlorobenzene	---	---	---	---
2,4,6-Trichlorophenol	---	---	---	---
2,4,5-Trichlorophenol	---	---	---	---
1,3-Dinitrobenzene	---	---	---	---
Acenaphthene	---	---	---	---
Dibenzofuran	---	---	---	---
2,3,4,6-Tetrachlorophenol	---	---	---	---
Fluorene	---	---	---	---
1,2-Diphenylhydrazine	---	---	---	---
Pentachlorophenol	---	---	---	---
Phenanthrene	---	---	---	---
Anthracene	---	---	---	---
Di-n-butylphthalate	---	---	---	---
Fluoranthene	---	---	---	---
Pyrene	---	---	---	---
bis(2-Ethylhexyl)Phthalate	---	---	0.12	J

Notes:

Units are in ppm (parts per million).
Refer to Table 1 for qualifier definitions.

TABLE 9
SUMMARY OF SVOC DETECTIONS IN BOG AREA SAMPLES

Matrix: Bog Area

Parameter	Sample Point BBA020204		Sample Point BBA030406	
	Lab ID: 819363		Lab ID: 819380	
	Borehole: BA-2		Borehole: BA-3	
	Depth: 2' - 4'		Depth: 4' - 6'	
	Date Sampled: 8/13/96		Date Sampled: 8/13/96	
	Result	Qual	Result	Qual
Benzo(a)Anthracene	---	---	---	---
Benzo(b)Fluoranthene	---	---	---	---
Benzo(k)Fluoranthene	---	---	---	---
Benzo(a)Pyrene	---	---	---	---
Indeno(1,2,3-cd)Pyrene	---	---	---	---
Benzo(g,h,i)Perylene	---	---	---	---
Chrysene	---	---	---	---

Notes:

Units are in ppm (parts per million).
 Refer to Table 1 for qualifier definitions.

SUMMARY OF INORGANIC DETECTIONS IN BOG AREA SAMPLES

Matrix: Bog Area

Parameter	Sample Point BBA030406	
	Result	Qual
Arsenic	3.8	N
Barium	85.3	E
Beryllium	0.44	BN
Chromium	17.5	
Cobalt	13.7	BE
Copper	25.3	
Lead	10	
Nickel	25.5	EN
Selenium	2.1	N
Vanadium	17.3	E
Zinc	86.9	EN
Tin	3.4	B

Notes:

Units are in ppm (parts per million).
Refer to Table 1 for qualifier definitions.

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TABLE 9

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SUMMARY OF DIOXIN AND FURAN DETECTIONS IN BOG AREA SAMPLES

Matrix: Bog Area

Parameter	Sample Point BBA030406	
	Result	Qual
HpCDFs (total)	0.0000045	
OCDF	0.0000081	@
HpCDDs (total)	0.000013	
1,2,3,4,6,7,8-HpCDD	0.0000056	@
OCDD	0.000092	

Notes:

Units are in ppm (parts per million).
Refer to Table 1 for qualifier definitions.

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TABLE 10
SUMMARY OF VOC DETECTIONS IN SURFICIAL SOIL SAMPLES

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Matrix: Surficial Soil

Parameter	Sample Point UB-SS-06		Sample Point UB-SS-09	
	Result	Qual	Result	Qual
4-Methyl-2-Pentanone	---	---	---	---

Notes:

Units are in parts per million (ppm).

Refer to Table 1 for qualifier definitions.

Dioxins and furans were not detected in surficial soil samples.

TABLE 10
SUMMARY OF SVOC DETECTIONS IN SURFICIAL SOIL SAMPLES

Matrix: Surficial Soil

Parameter	Sample Point UB-SS-06		Sample Point UB-SS-09	
	Lab ID: 843771		Lab ID: 843796	
	Location: UB-SS-06		Location: UB-SS-09	
	Depth: 0" - 6"		Depth: 0" - 6"	
	Date Sampled: 3/4/97		Date Sampled: 3/4/97	
	Result	Qual	Result	Qual
Phenanthrene	0.054	J	---	---
Anthracene	---	---	---	---
Fluoranthene	0.12	J	0.054	J
Pyrene	0.096	J	0.046	J
bis(2-Ethylhexyl)Phthalate	---	---	---	---
Benzo(a)Anthracene	0.054	J	---	---
Benzo(b)Fluoranthene	0.069	J	0.046	J
Benzo(k)Fluoranthene	0.025	J	0.013	J
Benzo(a)Pyrene	0.052	J	---	---
Indeno(1,2,3-cd)Pyrene	---	---	---	---
Benzo(g,h,i)Perylene	---	---	---	---
Chrysene	0.069	J	---	---

Notes:

Units are in parts per million (ppm).

Refer to Table 1 for qualifier definitions.

Dioxins and furans were not detected in surficial soil samples.

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TABLE 10
SUMMARY OF PCB DETECTIONS IN SURFICIAL SOIL SAMPLES

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Matrix: Surficial Soil

Parameter	Sample Point UB-SS-06		Sample Point UB-SS-09		Sample Point UB-SS-10		Sample Point UB-SS-11	
	Lab ID: 834909		Lab ID: 834783		Lab ID: 834902		Lab ID: 834901	
	Location: UB-SS-06		Location: UB-SS-09		Location: UB-SS-10		Location: UB-SS-11	
	Depth: 0" - 6"		Depth: 0" - 6"		Depth: 0" - 6"		Depth: 0" - 6"	
	Date Sampled: 12/18/96		Date Sampled: 12/18/96		Date Sampled: 12/18/96		Date Sampled: 12/18/96	
	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Total PCBs	0.59	P	0.3	P	4.1		20	

Notes:

Units are in ppm (parts per million).

Refer to Table 1 for qualifier definitions.

Dioxins and furans were not detected in surficial soil samples.

TABLE 10
SUMMARY OF INORGANIC DETECTIONS IN SURFICIAL SOIL SAMPLES

Matrix: Surficial Soil

Parameter	Sample Point UB-SS-06		Sample Point UB-SS-09	
	Result	Qual	Result	Qual
Antimony	0.34	B	0.37	B
Arsenic	1.5		2.9	
Barium	39.4		62.5	
Beryllium	0.26	B	0.3	B
Cadmium	---	---	---	---
Chromium	12.7		10	
Copper	11.7		16.1	
Lead	11.8		16.4	
Mercury	0.13	BN	---	---
Nickel	22.4		13.9	
Selenium	0.65	B	0.66	
Silver	---	---	---	---
Vanadium	16.6		14.3	
Zinc	65.4	*	59.2	*
Tin	2.2	B	1.5	B

Notes:

Units are in parts per million (ppm).

Refer to Table 1 for qualifier definitions.

Dioxins and furans were not detected in surficial soil samples.

SUMMARY OF TOC DETECTIONS IN SURFICIAL SOIL SAMPLES

Matrix: Surficial Soil

Parameter	Sample Point UB-SS-06		Sample Point UB-SS-09	
	Lab ID:	Qual	Lab ID:	Qual
	Location: UB-SS-06		Location: UB-SS-09	
	Depth: 0" - 6"		Depth: 0" - 6"	
	Date Sampled: 3/4/97		Date Sampled: 3/4/97	
Total Organic Carbon	---	---	9410	

Notes:

Units are in parts per million (ppm).

Refer to Table 1 for qualifier definitions.

Dioxins and furans were not detected in surficial soil samples.

Section D

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TABLE 7-3

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATIONGENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSUNKAMET BROOK AREA
HISTORICAL PCB SAMPLE DATA

(Results are presented in parts per million, ppm)

Sample ID	Depth Range (ft-bgs)	Total PCBs
UBB-01	0-0.5	2.1
UBB-05	0-0.5	39
	0.5-2	15
	2-4	280
	4-6	440
	6-8	1490
	8-10	8390
	10-12	23.7
UBB-05FD	0-0.5	47
UBB-06	0-2	6.8
	2-4	24
	4-6	120
	6-8	280
	8-10	440
	10-12	90
	12-14	120
UBB-07	0-2	6
	0.5-2	0.026
	2-4	0.033
	4-6	1.9
	6-8	4
	8-10	6
	12-14	3.4
	16-18	0.75
	18-20	3
UBB-08	0-2	1.4
	2-4	0.15
	4-6	2.2
	6-8	6.1
	8-10	10
	10-12	20
UBB-08FD	8-10	10
UBB-09	0-2	1
	2-4	0.25
	4-6	4.7
	6-8	0.28
	8-10	0.28
	10-12	0.13
UBB-12	0-0.5	0.2
UBB-14	0.5-2	0.2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSUNKAMET BROOK AREA
HISTORICAL PCB SAMPLE DATA

(Results are presented in parts per million, ppm)

Sample ID	Depth Range (ft-bgs)	Total PCBs
UBB-16	0-0.5	0.16
	0.5-2	2.4
	2-4	8.4
	4-6	31
	6-8	15
	8-10	29
UBB-17	0.5-2	5.7
UBB-18	0.5-2	3.2
UBB-19	0-2	0.47
	2-4	0.55
	4-6	2.51
	6-8	2.5
	10-12	0.093
UBB-19	0-2	0.36
UBB-20	0-0.5	11.4
	0.5-2	3.95
	2-4	2000
	4-6	83
	6.9-8	40
	6-6.9	209
	8-10	0.44
UBB-20FD	2-4	1200
UBB-21	0-0.5	11.5
	0.5-2	2
	2-4	5.2
	4-6	270
	6-8	0.13
UBB-22	0-0.5	3.8
	0.5-2	16
	2-4	14
	4-6	44.9
	6-8	63
	8-10	13

Notes:

1. Soil samples were collected by Golder Associates in August 1996 as part of an MCP Supplemental Phase II/RCRA Investigation of Unkamet Brook Area/USEPA Area 1.
2. ft-bgs - Feet below ground surface.

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSUNKAMET BROOK AREA
SUMMARY OF HISTORICAL SURFACE WATER PCB &
APPENDIX IX+3 VOLATILES DATA - 1996

(Results are presented in parts per million, ppm)

Parameter	Sample ID:	USW-4	USW-10
	Date Collected:	12/5/1996	12/5/1996
Benzene		0.006 J	0.019
Chlorobenzene		0.023	0.12
Chloroform		0.001 J	0.001 J
Methylene chloride		0.001 J	0.001 J
Trichloroethene		ND(0.005)	0.001 J
PCBs (both unfiltered & filtered)		ND(0.001)	ND(0.001)

Notes:

1. Samples collected by Blasland, Bouck & Lee, Inc., and submitted to CompuChem Environmental Corporation for analysis of volatiles as part of an MCP Supplemental Phase II/RCRA Investigation of Unkamet Brook Area/USEPA Area 1.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Only those constituents detected in at least one sample are summarized.
4. J - Indicates an estimated value less than the practical quantitation limit (PQL).

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSUNKAMET BROOK AREA
SUMMARY OF HISTORICAL SEDIMENT PCB DATA - 1996

(Results are presented in dry-weight parts per million, ppm)

Sample ID	Collection Date	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor 1260	Total PCBs
USED-4	12/10/1996	ND(0.049)	13 P	13 P
USED-10	12/10/1996	ND(0.047)	3.6 P	3.6 P

Notes:

1. Samples collected by Blasland, Bouck & Lee, Inc., and submitted to CompuChem Environmental Corporation for analysis as part of an MCP Supplemental Phase II/RCRA Investigation of Unkamet Brook Area/USEPA Area 1.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. P - Greater than 25% difference between two chromatographic columns indicating potential bias.

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSUNKAMET BROOK AREA
SUMMARY OF HISTORICAL SEDIMENT APPENDIX IX+3 DATA - 1996

(Results are presented in dry-weight parts per million, ppm)

Parameter	Sample ID:	USED-4	USED-10
	Date Collected:	12/11/1996	12/11/1996
Volatile Organic Compounds			
Acetone		0.10 J	0.019 J
Chlorobenzene		0.010 J	ND(0.021)
Ethylbenzene		0.002 J	ND(0.021)
Methylene chloride		ND(0.022)	ND(0.021)
Xylenes (Total)		0.008 J	ND(0.029)
Semi-Volatile Organic Compounds			
1,4-Dichlorobenzene		ND(1.5)	0.10 J
2-Methylnaphthalene		0.43 J	ND(1.2)
Acenaphthene		0.75 J	ND(0.94)
Anthracene		1.6 J	0.050 J
Benzo(a)anthracene		7.7	0.22 J
Benzo(a)pyrene		6.4	0.21 J
Benzo(b)fluoranthene		9.3 X	0.31 XJ
Benzo(g,h,i)perylene		3.3	0.14 J
Benzo(k)fluoranthene		11 X	0.37 XJ
Chrysene		8.4	0.26 J
Dibenzo(a,h)anthracene		0.80 J	ND(0.61)
Dibenzofuran		0.57 J	ND(0.99)
Fluoranthene		14	0.40 J
Fluorene		1.1 J	ND(0.99)
Indeno(1,2,3-cd)pyrene		2.6	0.10 J
Naphthalene		0.45 J	ND(0.94)
Phenanthrene		8.8	0.27 J
Pyrene		12	0.42 J
bis(2-Ethylhexyl)phthalate		0.68 JB	0.094 JB
Inorganics			
Antimony		0.98 BN	ND(0.36) N
Arsenic		3.6	1.3 B
Barium		69.4	15.2 B
Beryllium		0.41 B	0.19 B
Cadmium		1.2	0.42 B
Chromium		66.2	16.5
Cobalt		6.5 B	3.7 B
Copper		53.9	20.9
Lead		56.9	12.5
Mercury		0.40	ND(0.14)
Nickel		15.0 E	8.1 E
Selenium		1.2 N	ND(0.56) N
Silver		9.8 N	1.4 BN
Tin		4.0 B	2.5 B
Vanadium		15.3	7.2
Zinc		160	48.8

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSUNKAMET BROOK AREA
SUMMARY OF HISTORICAL SEDIMENT APPENDIX IX+3 DATA - 1996Notes:

1. Samples collected by Blasland, Bouck & Lee, Inc., and submitted to CompuChem Environmental Corporation for analysis as part of an MCP Supplemental Phase II/RCRA Investigation of Unkamet Brook Area/USEPA Area 1.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Only those constituents detected in at least one sample are summarized.

Data Qualifiers for Volatile and Semi-Volatile Organic Compounds

- J - Indicates an estimated value less than the practical quantitation limit (PQL).
- X - Coeluting indistinguishable isomers could not be chromatographically resolved in the sample.
- B - Analyte was also detected in the associated method blank.

Data Qualifiers for Inorganic Constituents

- E - Serial dilution results not within 10%. Applicable only if analyte concentration is at least 50 times the IDL in the original sample.
- B - Indicates an estimated value between the instrument detection limit and practical quantitation limit (PQL).
- N - Indicates sample matrix spike analysis was outside control limits.

TABLE 7-8

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATIONGENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSUNKAMET BROOK AREA
SUMMARY OF HISTORICAL FLOODPLAIN SOIL APPENDIX IX+3 VOLATILES DATA - 1996

(Results are presented in dry-weight parts per million, ppm)

Sample ID:	UFP1-L1	UFP1-L1	UFP1-L1	UFP1-L1	UFP1-R1	UFP1-R1	UFP1-R1	UFP1-R1	UFP1-R1	UFP2-L3	UFP2-L3	UFP2-R1	UFP2-R1
Sample Depth (ft.):	0-0.5	0.5-1	1-1.5	1.5-1.92	0-0.5	0.5-1	1-1.5	1.5-1.83	0-0.5	0.5-1	0-0.5	0.5-1	0.5-1
Parameter	Date Collected:	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/11/1996	12/11/1996	12/16/1996	12/16/1996
Acetone		ND(0.11)	ND(0.11)	ND(0.18)	0.020 J	ND(0.11) [ND(0.21)]	ND(0.11)	ND(0.11)	0.021 J	ND(0.13)	0.025 J	ND(0.20)	ND(0.20)
Acetonitrile		ND(0.24)	ND(0.24)	ND(0.41)	ND(0.27)	ND(0.24) [0.048 J]	ND(0.24)	ND(0.25)	ND(0.33)	ND(0.29)	ND(0.25)	ND(0.45)	0.053 J
Chlorobenzene		0.004 J	ND(0.018)	0.004 J	0.055	ND(0.018) [ND(0.035)]	0.009 J	0.001 J	0.031	ND(0.021)	ND(0.019)	ND(0.034)	ND(0.034)
Methylene chloride		ND(0.018)	ND(0.018)	0.003 J	ND(0.020)	0.001 J [ND(0.035)]	0.003 J	0.002 J	ND(0.025)	ND(0.021)	ND(0.019)	ND(0.034)	ND(0.034)

Notes:

1. Samples collected by Blasland, Bouck & Lee, Inc., and submitted to CompuChem Environmental Corporation for analysis as part of an MCP Supplemental Phase II/RCRA Investigation of Unkamet Brook Area/USEPA Area 1.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Only those constituents detected in at least one sample are summarized.
4. Duplicate results are presented in brackets.
5. J - Indicates an estimated value less than the practical quantitation limit (PQL).

TABLE 7-9

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATIONGENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSUNKAMET BROOK AREA
SUMMARY OF HISTORICAL FLOODPLAIN SOIL APPENDIX IX+3 SEMI-VOLATILES DATA - 1996

(Results are presented in dry-weight parts per million, ppm)

Sample ID: Sample Depth (ft.): Parameter Date Collected:	UFP1-L1 0-0.5 12/13/1996	UFP1-L1 0.5-1 12/13/1996	UFP1-R1 0-0.5 12/13/1996	UFP1-R1 0.5-1 12/13/1996	UFP2-L3 0-0.5 12/11/1996	UFP2-L3 0.5-1 12/11/1996	UFP2-L6 0-0.5 12/17/1996	UFP2-L6 0.5-1 12/17/1996	UFP2-L7 0-0.5 12/17/1996	UFP2-L7 0.5-1 12/17/1996	UFP2-L8 0-0.5 12/17/1996	UFP2-L8 0.5-1 12/17/1996	UFP2-R1 0-0.5 12/13/1996	UFP2-R1 0.5-1 12/13/1996
1,2-Dichlorobenzene	ND(0.71)	0.073 J	0.13 J [ND(1.4)]	0.27 J	ND(0.84)	ND(0.74)	ND(0.71)	ND(0.74)	ND(0.73)	ND(0.75)	ND(0.72)	ND(0.74)	ND(1.3)	ND(1.3)
1,3-Dichlorobenzene	ND(0.61)	0.041 J	ND(0.60) [ND(1.2)]	0.063 J	ND(0.73)	ND(0.64)	ND(0.61)	ND(0.64)	ND(0.63)	ND(0.65)	ND(0.62)	ND(0.64)	ND(1.2)	ND(1.2)
1,4-Dichlorobenzene	0.088 J	0.64	0.11 J [ND(1.2)]	0.68	0.063 J	ND(0.66)	ND(0.63)	ND(0.65)	ND(0.64)	ND(0.66)	ND(0.63)	ND(0.65)	ND(1.2)	ND(1.2)
2-Methylnaphthalene	0.044 J	ND(1.0)	ND(0.99) [ND(1.9)]	ND(1.0)	0.054 J	ND(1.1)	0.045 J	ND(1.1)	ND(1.0)	ND(1.1)	0.068 J	ND(1.0)	ND(1.9)	ND(1.9)
3-Methylphenol	0.071 J	ND(1.6)	ND(1.5) [ND(3.0)]	ND(1.6)	ND(1.9)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(2.9)	ND(2.9)
4-Methylphenol	0.071 J	ND(1.6)	ND(1.5) [ND(3.0)]	ND(1.6)	ND(1.9)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(2.9)	ND(2.9)
7,12-Dimethyl-benz(a)anthracene	ND(0.49)	ND(0.49)	ND(0.48) [ND(0.95)]	ND(0.49)	ND(0.59)	ND(0.52)	ND(0.49)	ND(0.52)	ND(0.50)	ND(0.52)	ND(0.50)	ND(0.51)	ND(0.93)	ND(0.93)
Acenaphthene	0.063 J	ND(0.79)	0.070 J [0.10 J]	ND(0.79)	0.39 J	ND(0.83)	ND(0.80)	ND(0.83)	ND(0.81)	ND(0.84)	ND(0.80)	ND(0.82)	0.17 J	0.080 J
Acenaphthylene	0.11 J	ND(0.80)	0.057 J [ND(1.6)]	0.041 J	0.063 J	ND(0.85)	0.12 J	ND(0.84)	ND(0.82)	ND(0.85)	ND(0.80)	ND(0.83)	0.077 J	ND(1.5)
Aniline	0.062 J	ND(0.67)	0.13 J [ND(1.3)]	0.063 J	0.29 J	ND(0.71)	ND(0.67)	ND(0.70)	ND(0.69)	ND(0.71)	ND(0.68)	ND(0.70)	ND(1.3)	ND(1.3)
Anthracene	0.17 J	ND(0.89)	0.16 J [0.20 J]	0.068 J	0.58 J	0.061 J	0.082 J	ND(0.93)	ND(0.91)	ND(0.94)	ND(0.90)	ND(0.92)	0.32 J	0.17 J
Benzo(a)anthracene	1.2	0.098 J	1.1 [1.1 J]	0.51 J	3	0.35 J	0.9	0.086 J	0.22 J	0.10 J	0.29 J	0.069 J	1.9	1.1 J
Benzo(a)pyrene	1.3	0.10 J	1.2 [1.2 J]	0.59 J	3	0.33 J	0.91	0.088 J	0.19 J	0.099 J	0.28 J	0.073 J	2.1	1.2 J
Benzo(b)fluoranthene	2.3 X	0.16 XJ	1.9 X [2.1 X]	0.97 X	4.6 X	0.59 XJ	1.6 X	0.17 XJ	0.44 XJ	0.24 XJ	0.64 XJ	0.16 XJ	3.6 X	2.0 X
Benzo(g,h,i)perylene	0.61 J	0.080 J	0.65 J [0.57 J]	0.40 J	1.3	0.22 J	0.61 J	0.073 J	0.16 J	0.078 J	0.25 J	0.074 J	1.2 J	0.68 J
Benzo(k)fluoranthene	2.4 X	0.20 XJ	2.3 X [2.2 X]	0.98 X	5.5 X	0.70 XJ	1.9 X	0.20 XJ	0.51 XJ	0.25 XJ	0.75 XJ	0.19 XJ	3.7 X	2.0 X
Butyl benzyl phthalate	0.13 J	ND(0.81)	0.19 J [0.16 J]	ND(0.82)	0.086 J	ND(0.86)	ND(0.82)	ND(0.86)	ND(0.84)	ND(0.86)	ND(0.83)	ND(0.85)	0.31 J	0.18 J
Chrysene	1.5	0.12 J	1.5 [1.4]	0.8	3.9	0.46 J	1	0.13 J	0.34 J	0.15 J	0.50 J	0.12 J	2.5	1.4
Di-n-butyl phthalate	0.045 J	ND(0.92)	0.065 J [ND(1.8)]	0.042 J	ND(1.1)	ND(0.97)	ND(0.93)	ND(0.97)	ND(0.95)	ND(0.97)	ND(0.94)	ND(0.96)	ND(1.7)	ND(1.7)
Dibenzo(a,h)anthracene	0.13 J	ND(0.51)	0.13 J [0.12 J]	0.069 J	0.25 J	0.051 J	0.16 J	ND(0.54)	ND(0.53)	ND(0.54)	0.057 J	ND(0.54)	0.24 J	0.13 J
Dibenzofuran	0.055 J	ND(0.83)	0.055 J [ND(1.6)]	ND(0.83)	0.43 J	ND(0.87)	ND(0.83)	ND(0.87)	ND(0.85)	ND(0.87)	ND(0.84)	ND(0.86)	0.094 J	ND(1.6)
Fluoranthene	3.2	0.17 J	2.4 [3.0]	1.5	6.0 D	0.83 J	1.5	0.16 J	0.47 J	0.19 J	0.61 J	0.14 J	4.7	2.8
Fluorene	0.10 J	ND(0.83)	0.11 J [0.12 J]	0.059 J	0.47 J	0.047 J	ND(0.83)	ND(0.87)	ND(0.85)	ND(0.87)	ND(0.84)	ND(0.86)	0.20 J	0.12 J
Indeno(1,2,3-cd)pyrene	0.50 J	0.059 J	0.48 J [0.47 J]	0.31 J	1.1	0.17 J	0.49 J	0.058 J	0.13 J	ND(0.58)	0.19 J	0.056 J	0.98 J	0.54 J
Naphthalene	0.067 J	ND(0.79)	0.055 J [ND(1.5)]	0.042 J	0.055 J	ND(0.83)	ND(0.80)	ND(0.83)	ND(0.81)	ND(0.84)	0.049 J	ND(0.82)	ND(1.5)	ND(1.5)
Phenanthrene	1.3	0.073 J	1.4 [1.4]	0.71 J	4	0.50 J	0.33 J	0.073 J	0.18 J	0.082 J	0.25 J	0.066 J	2.4	1.4
Phenol	0.14 J	ND(0.68)	ND(0.67) [ND(1.3)]	ND(0.69)	ND(0.81)	ND(0.72)	ND(0.69)	ND(0.72)	ND(0.70)	ND(0.72)	ND(0.70)	ND(0.71)	ND(1.3)	0.094 J
Pyrene	3.2	0.18 J	2.1 [2.1]	1.3	5.7	0.81 J	1.3	0.15 J	0.45 J	0.15 J	0.55 J	0.13 J	3.6	2.2
bis(2-Ethylhexyl)phthalate	0.19 J	ND(0.90)	0.17 J [0.28 J]	0.082 J	0.75 JB	ND(0.95)	0.045 J	0.047 J	0.051 J	ND(0.95)	0.047 J	0.054 J	0.98 J	0.20 J

Notes:

1. Samples collected by Blasland, Bouck & Lee, Inc., and submitted to CompuChem Environmental Corporation for analysis as part of an MCP Supplemental Phase II/RCRA Investigation of Unkamet Brook Area/USEPA Area 1.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Only those constituents detected in at least one sample are summarized.
4. Duplicate results are presented in brackets.
5. D - Indicates that analysis was performed at a secondary dilution factor.
6. E - Analyte exceeded calibration range.
7. J - Indicates an estimated value less than the practical quantitation limit (PQL).
8. X - Coeluting indistinguishable isomers could not be chromatographically resolved in the sample.

TABLE 7-9

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATIONGENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSUNKAMET BROOK AREA
SUMMARY OF HISTORICAL FLOODPLAIN SOIL APPENDIX IX+3 SEMI-VOLATILES DATA - 1996

(Results are presented in dry-weight parts per million, ppm)

Sample ID: Sample Depth (ft.): Parameter Date Collected:	UFPI-L1 0-0.5 12/13/1996	UFPI-L1 0.5-1 12/13/1996	UFPI-R1 0-0.5 12/13/1996	UFPI-R1 0.5-1 12/13/1996	UFP2-L3 0-0.5 12/11/1996	UFP2-L3 0.5-1 12/11/1996	UFP2-L6 0-0.5 12/17/1996	UFP2-L6 0.5-1 12/17/1996	UFP2-L7 0-0.5 12/17/1996	UFP2-L7 0.5-1 12/17/1996	UFP2-L8 0-0.5 12/17/1996	UFP2-L8 0.5-1 12/17/1996	UFP2-R1 0-0.5 12/13/1996	UFP2-R1 0.5-1 12/13/1996
1,2-Dichlorobenzene	ND(0.71)	0.073 J	0.13 J [ND(1.4)]	0.27 J	ND(0.84)	ND(0.74)	ND(0.71)	ND(0.74)	ND(0.73)	ND(0.75)	ND(0.72)	ND(0.74)	ND(1.3)	ND(1.3)
1,3-Dichlorobenzene	ND(0.61)	0.041 J	ND(0.60) [ND(1.2)]	0.063 J	ND(0.73)	ND(0.64)	ND(0.61)	ND(0.64)	ND(0.63)	ND(0.65)	ND(0.62)	ND(0.64)	ND(1.2)	ND(1.2)
1,4-Dichlorobenzene	0.088 J	0.64	0.11 J [ND(1.2)]	0.68	0.063 J	ND(0.66)	ND(0.63)	ND(0.65)	ND(0.64)	ND(0.66)	ND(0.63)	ND(0.65)	ND(1.2)	ND(1.2)
2-Methylnaphthalene	0.044 J	ND(1.0)	ND(0.99) [ND(1.9)]	ND(1.0)	0.054 J	ND(1.1)	0.045 J	ND(1.1)	ND(1.0)	ND(1.1)	0.068 J	ND(1.0)	ND(1.9)	ND(1.9)
3-Methylphenol	0.071 J	ND(1.6)	ND(1.5) [ND(3.0)]	ND(1.6)	ND(1.9)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(2.9)	ND(2.9)
4-Methylphenol	0.071 J	ND(1.6)	ND(1.5) [ND(3.0)]	ND(1.6)	ND(1.9)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(2.9)	ND(2.9)
7,12-Dimethyl-benz(a)anthracene	ND(0.49)	ND(0.49)	ND(0.48) [ND(0.95)]	ND(0.49)	ND(0.59)	ND(0.52)	ND(0.49)	ND(0.52)	ND(0.50)	ND(0.52)	ND(0.50)	ND(0.51)	ND(0.93)	ND(0.93)
Acenaphthene	0.063 J	ND(0.79)	0.070 J [0.10 J]	ND(0.79)	0.39 J	ND(0.83)	ND(0.80)	ND(0.83)	ND(0.81)	ND(0.84)	ND(0.80)	ND(0.82)	0.17 J	0.080 J
Acenaphthylene	0.11 J	ND(0.80)	0.057 J [ND(1.6)]	0.041 J	0.063 J	ND(0.85)	0.12 J	ND(0.84)	ND(0.82)	ND(0.85)	ND(0.82)	ND(0.83)	0.077 J	ND(1.5)
Aniline	0.062 J	ND(0.67)	0.13 J [ND(1.3)]	0.063 J	0.29 J	ND(0.71)	ND(0.67)	ND(0.70)	ND(0.69)	ND(0.71)	ND(0.68)	ND(0.70)	ND(1.3)	ND(1.3)
Anthracene	0.17 J	ND(0.89)	0.16 J [0.20 J]	0.068 J	0.58 J	0.061 J	0.082 J	ND(0.93)	ND(0.91)	ND(0.94)	ND(0.90)	ND(0.92)	0.32 J	0.17 J
Benzo(a)anthracene	1.2	0.098 J	1.1 [1.1 J]	0.51 J	3	0.35 J	0.9	0.086 J	0.22 J	0.10 J	0.29 J	0.069 J	1.9	1.1 J
Benzo(a)pyrene	1.3	0.10 J	1.2 [1.2 J]	0.59 J	3	0.33 J	0.91	0.088 J	0.19 J	0.099 J	0.28 J	0.073 J	2.1	1.2 J
Benzo(b)fluoranthene	2.3 X	0.16 XJ	1.9 X [2.1 X]	0.97 X	4.6 X	0.59 XJ	1.6 X	0.17 XJ	0.44 XJ	0.24 XJ	0.64 XJ	0.16 XJ	3.6 X	2.0 X
Benzo(g,h,i)perylene	0.61 J	0.080 J	0.65 J [0.57 J]	0.40 J	1.3	0.22 J	0.61 J	0.073 J	0.16 J	0.078 J	0.25 J	0.074 J	1.2 J	0.68 J
Benzo(k)fluoranthene	2.4 X	0.20 XJ	2.3 X [2.2 X]	0.98 X	5.5 X	0.70 XJ	1.9 X	0.20 XJ	0.51 XJ	0.25 XJ	0.75 XJ	0.19 XJ	3.7 X	2.0 X
Butyl benzyl phthalate	0.13 J	ND(0.81)	0.19 J [0.16 J]	ND(0.82)	0.086 J	ND(0.86)	ND(0.82)	ND(0.86)	ND(0.84)	ND(0.86)	ND(0.83)	ND(0.85)	0.31 J	0.18 J
Chrysene	1.5	0.12 J	1.5 [1.4]	0.8	3.9	0.46 J	1	0.13 J	0.34 J	0.15 J	0.50 J	0.12 J	2.5	1.4
Di-n-butyl phthalate	0.045 J	ND(0.92)	0.065 J [ND(1.8)]	0.042 J	ND(1.1)	ND(0.97)	ND(0.93)	ND(0.97)	ND(0.95)	ND(0.97)	ND(0.94)	ND(0.96)	ND(1.7)	ND(1.7)
Dibenzo(a,h)anthracene	0.13 J	ND(0.51)	0.13 J [0.12 J]	0.069 J	0.25 J	0.051 J	0.16 J	ND(0.54)	ND(0.53)	ND(0.54)	0.057 J	ND(0.54)	0.24 J	0.13 J
Dibenzofuran	0.055 J	ND(0.83)	0.055 J [ND(1.6)]	ND(0.83)	0.43 J	ND(0.87)	ND(0.83)	ND(0.87)	ND(0.85)	ND(0.87)	ND(0.84)	ND(0.86)	0.094 J	ND(1.6)
Fluoranthene	3.2	0.17 J	2.4 [3.0]	1.5	6.0 D	0.83 J	1.5	0.16 J	0.47 J	0.19 J	0.61 J	0.14 J	4.7	2.8
Fluorene	0.10 J	ND(0.83)	0.11 J [0.12 J]	0.059 J	0.47 J	0.047 J	ND(0.83)	ND(0.87)	ND(0.85)	ND(0.87)	ND(0.84)	ND(0.86)	0.20 J	0.12 J
Indeno(1,2,3-cd)pyrene	0.50 J	0.059 J	0.48 J [0.47 J]	0.31 J	1.1	0.17 J	0.49 J	0.058 J	0.13 J	ND(0.58)	0.19 J	0.056 J	0.98 J	0.54 J
Naphthalene	0.067 J	ND(0.79)	0.055 J [ND(1.5)]	0.042 J	0.055 J	ND(0.83)	ND(0.80)	ND(0.83)	ND(0.81)	ND(0.84)	0.049 J	ND(0.82)	ND(1.5)	ND(1.5)
Phenanthrene	1.3	0.073 J	1.4 [1.4]	0.71 J	4	0.50 J	0.33 J	0.073 J	0.18 J	0.082 J	0.25 J	0.066 J	2.4	1.4
Phenol	0.14 J	ND(0.68)	ND(0.67) [ND(1.3)]	ND(0.69)	ND(0.81)	ND(0.72)	ND(0.69)	ND(0.72)	ND(0.70)	ND(0.72)	ND(0.70)	ND(0.71)	ND(1.3)	0.094 J
Pyrene	3.2	0.18 J	2.1 [2.1]	1.3	5.7	0.81 J	1.3	0.15 J	0.45 J	0.15 J	0.55 J	0.13 J	3.6	2.2
bis(2-Ethylhexyl)phthalate	0.19 J	ND(0.90)	0.17 J [0.28 J]	0.082 J	0.75 JB	ND(0.95)	0.045 J	0.047 J	0.051 J	ND(0.95)	0.047 J	0.054 J	0.98 J	0.20 J

Notes:

1. Samples collected by Blasland, Bouck & Lee, Inc., and submitted to CompuChem Environmental Corporation for analysis as part of an MCP Supplemental Phase II/RCRA Investigation of Unkamet Brook Area/USEPA Area 1.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Only those constituents detected in at least one sample are summarized.
4. Duplicate results are presented in brackets.
5. D - Indicates that analysis was performed at a secondary dilution factor.
6. E - Analyte exceeded calibration range.
7. J - Indicates an estimated value less than the practical quantitation limit (PQL).
8. X - Co-eluting indistinguishable isomers could not be chromatographically resolved in the sample.

TABLE 7-10

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATIONGENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSUNKAMET BROOK AREA
SUMMARY OF HISTORICAL FLOODPLAIN SOIL PCDD/PCDF DATA - 1996

(Results are presented in dry-weight parts per million, ppm)

Parameter	Sample ID: Sample Depth (ft.): Date Collected:	UFP1-L1 0-0.5 12/13/1996	UFP1-L1 0.5-1 12/13/1996	UFP1-R1 0-0.5 12/13/1996	UFP1-R1 0.5-1 12/13/1996	UFP2-L3 0-0.5 12/11/1996	UFP2-L3 0.5-1 12/11/1996	UFP2-R1 0-0.5 12/16/1996	UFP2-R1 0.5-1 12/16/1996
Furans									
2,3,7,8-TCDF		0.00018 g	0.000039 g	0.0014 g	0.000089 g	0.0023 gE	0.0012 gE	0.00012 g	0.00018 g [0.00011 g]
TCDFs (total)		0.0021	0.00022	0.0046	0.0016	0.018	0.012	0.0017	0.0024 [0.0017]
1,2,3,7,8-PeCDF		0.000079 J	ND(0.000016)	0.00014	ND(0.000033)	0.0018	0.0011	0.000069 J	0.000090 J [0.000060 J]
2,3,4,7,8-PeCDF		0.00016	ND(0.000019)	0.00045	0.000098 J	0.0026	0.0013	0.00014	0.00020 [0.00013]
PeCDFs (total)		0.0075	0.00031	0.019	0.006	0.021	0.019	0.0055	0.0067 [0.0053]
1,2,3,4,7,8-HxCDF		0.00031	ND(0.000037)	0.00068	0.00013	0.0066 E	0.0031	0.00028	ND(0.00038) y [0.00028]
1,2,3,6,7,8-HxCDF		0.00015	ND(0.000019)	0.00038	0.000088 J	0.0037 E	0.0017	0.00017	0.00018 [0.00017]
1,2,3,7,8,9-HxCDF		ND(0.0000090)	ND(0.0000024)	ND(0.000021)	ND(0.0000028)	0.000086	0.000052 J	ND(0.0000058)	ND(0.0000097) [ND(0.0000053)]
2,3,4,6,7,8-HxCDF		0.00016	ND(0.000018)	0.00025	0.000075 J	0.00077	0.00043	0.00022	0.00019 [0.00019]
HxCDFs (total)		0.0038	0.00029	0.0099	0.0023	0.021	0.0095	0.0062	0.0051 [0.0058]
1,2,3,4,6,7,8-HpCDF		0.0016	0.00017	0.0023	0.00056	0.0045 E	0.0027	0.0011	0.00093 [0.0010]
1,2,3,4,7,8,9-HpCDF		0.00012 J	ND(0.000010)	0.00027	0.000059 J	0.0011	0.00089	0.00011 J	0.00016 J [0.00010 J]
HpCDFs (total)		0.0035	0.00034	0.0068	0.0012	0.0076	0.0049	0.0031	0.0027 [0.0026]
OCDF		0.0013	0.00013 J	0.0024	0.00036	0.0041	0.0021	0.0012	0.00085 [0.00079]
Dioxins									
2,3,7,8-TCDD		ND(0.0000078)	ND(0.0000014)	ND(0.000010)	ND(0.0000035)	0.00001	ND(0.0000038)	ND(0.0000051)	ND(0.0000078) [ND(0.0000059)]
TCDDs (total)		0.00011	0.00025	0.00022	0.000039	0.00026	0.00011	0.000033	0.000097 [0.000033]
1,2,3,7,8-PeCDD		ND(0.0000030)	ND(0.0000060)	0.00011 J	ND(0.000018)	0.000029	ND(0.000018)	ND(0.000027)	ND(0.000047) [ND(0.000028)]
PeCDDs (total)		0.000091	0.000088	0.0006	0.000068	0.00037	0.000036	ND(0.000048)	ND(0.000035) [ND(0.000071)]
1,2,3,4,7,8-HxCDD		ND(0.0000033)	ND(0.0000093)	0.000087 J	ND(0.000018)	0.000029	ND(0.000019)	ND(0.000031)	ND(0.000059) [ND(0.000029)]
1,2,3,6,7,8-HxCDD		0.00013	ND(0.000019)	0.00068	0.000091 J	0.00007	0.000037 J	0.00017	0.00027 [0.00014]
1,2,3,7,8,9-HxCDD		0.000076 J	ND(0.000021)	0.00026	ND(0.000050)	0.000088	0.000042 J	0.000079 J	0.00011 J [0.000080 J]
HxCDDs (total)		0.0009	0.00019	0.0045	0.00067	0.0008	0.00031	0.00097	0.0016 [0.00084]
1,2,3,4,6,7,8-HpCDD		0.0013	0.00013	0.015	0.00034	0.00048	0.00028	0.0029	0.0032 [0.0020]
HpCDDs (total)		0.0024	0.00024	0.029	0.00066	0.001	0.0006	0.0054	0.0063 [0.0035]
OCDD		0.011	0.00083	0.22 E	0.0019	0.0019	0.0013	0.025	0.028 E [0.017]
Total TEQs (WHO TEFs)		0.00024	0.000022	0.00092	0.00012	0.0029	0.0014	0.00024	0.00029 [0.00022]

Notes:

1. Samples collected by Blasland, Bouck & Lee, Inc., and submitted to CompuChem Environmental Corporation for analysis as part of an MCP Supplemental Phase II/RCRA Investigation of Unkamet Brook
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Only those constituents detected in at least one sample are summarized.
4. Duplicate results are presented in brackets.
5. E - Analyte exceeded calibration range.
6. g - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.
7. y - Elevated detection limit due to matrix interference.
8. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. In Environmental Health Perspectives 106(2), December 1998.

TABLE 7-13

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATIONGENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSUNKAMET BROOK AREA
SUMMARY OF HISTORICAL SURFICIAL SOIL APPENDIX IX+3 DATA - 1997

(Results are presented in dry-weight parts per million, ppm)

Sample ID:	UB-SS-1	UB-SS-2	UB-SS-3	UB-SS-4	UB-SS-5	UB-SS-6	UB-SS-7	UB-SS-8	UB-SS-9
Sample Depth (ft.):	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
Parameter	Date Collected:	3/4/1997	3/4/1997	3/4/1997	3/4/1997	3/4/1997	3/4/1997	3/4/1997	3/4/1997
Volatile Organics									
4-Methyl-2-pentanone	ND(0.031)	ND(0.037)	ND(0.034)	ND(0.033)	ND(0.038)	ND(0.034)	ND(0.033) [0.002 J]	ND(0.032)	ND(0.029)
Semivolatile Organics									
Anthracene	ND(0.92)	ND(1.1)	ND(1.0)	0.069 J	ND(1.1)	ND(1.0)	ND(0.98) [ND(0.85)]	ND(0.95)	ND(0.85)
Benzo(a)anthracene	0.067 J	0.23 J	0.048 J	0.28 J	ND(1.0)	0.054 J	ND(0.88) [0.050 J]	0.058 J	ND(0.76)
Benzo(a)pyrene	0.070 J	0.21 J	ND(0.90)	0.25 J	ND(1.0)	0.052 J	ND(0.88) [0.044 J]	0.061 J	ND(0.76)
Benzo(b)fluoranthene	0.091 J	0.28 J	0.057 J	0.32 J	ND(1.2)	0.069 J	ND(1.0) [0.047 J]	0.076 J	0.046 J
Benzo(g,h,i)perylene	0.046 J	0.13 J	ND(0.84)	0.14 J	ND(0.94)	ND(0.84)	ND(0.82) [ND(0.71)]	ND(0.79)	ND(0.71)
Benzo(k)fluoranthene	0.041 J	0.12 J	0.019 J	0.15 J	ND(0.94)	0.025 J	ND(0.82) [0.019 J]	0.036 J	0.013 J
Chrysene	0.094 J	0.29 J	0.058 J	0.34 J	ND(0.82)	0.069 J	ND(0.72) [0.049 J]	0.076 J	ND(0.62)
Fluoranthene	0.20 J	0.58 J	0.12 J	0.79 J	0.077 J	0.12 J	0.052 J [0.097 J]	0.15 J	0.054 J
Indeno(1,2,3-cd)pyrene	0.043 J	0.12 J	ND(0.63)	0.14 J	ND(0.69)	ND(0.63)	ND(0.61) [ND(0.53)]	ND(0.59)	ND(0.53)
Phenanthrene	0.10 J	0.31 J	0.063 J	0.46 J	ND(0.94)	0.054 J	ND(0.82) [0.044 J]	0.061 J	ND(0.71)
Pyrene	0.14 J	0.40 J	0.073 J	0.50 J	0.053 J	0.096 J	0.041 J [0.080 J]	0.091 J	0.046 J
bis(2-Ethylhexyl)phthalate	ND(0.93)	0.095 J	0.048 J	ND(0.99)	ND(1.1)	ND(1.0)	ND(1.0) [ND(0.86)]	ND(0.96)	ND(0.86)
Dioxins/Furans									
Dioxins	ND	ND	ND	ND	ND	ND	ND [ND]	ND	ND
Furans	ND	ND	ND	ND	ND	ND	ND [ND]	ND	ND
Inorganics									
Antimony	0.32 B	0.73 B	0.43 B	0.76 B	0.29 B	0.34 B	0.45 B [0.28 B]	0.31 B	0.37 B
Arsenic	3	6.3	5.4	6.8	2.9	1.5	7.9 [6.1]	3.2	2.9
Barium	27.4	41.8	48.4	58.8	39.8	39.4	61.6 [46.5]	29.7	62.5
Beryllium	0.25 B	0.33 B	0.37 B	0.37 B	0.29 B	0.26 B	0.38 B [0.29 B]	0.27 B	0.30 B
Cadmium	ND(0.05)	0.72 B	0.08 B	0.62 B	0.09 B	ND(0.06)	0.07 B [0.12 B]	ND(0.05)	ND(0.05)
Chromium	7.8	43.1	15.3	46.1	8.5	12.7	14.5 [11.0]	8.3	10
Copper	13.6	23.8	25.4	25.7	14.6	11.7	31.2 [24.8]	12.1	16.1
Lead	20.5	57.2	35.3	60.9	16.1	11.8	56.2 [49.4]	22.9	16.4
Mercury	ND(0.06) N	0.29 N	ND(0.07) N	0.32 N	0.12 BN	0.13 BN	0.15 N [0.16 N]	0.12 BN	ND(0.06) N
Nickel	14.6	24.1	22.2	21	12.6	22.4	29.2 [20.6]	10.4	13.9
Selenium	0.58 B	0.9	ND(0.49)	0.61 B	0.58 B	0.65 B	ND(0.48) [1.0]	ND(0.46)	0.66
Silver	ND(0.05) N	0.35 BN	0.49 BN	0.36 BN	ND(0.06) N	ND(0.06) N	ND(0.05) N [ND(0.05) N]	ND(0.05) N	ND(0.05) N
Tin	1.1 B	1.8 B	1.9 B	1.9 B	1.8 B	2.2 B	1.4 B [1.3 B]	1.7 B	1.5 B
Vanadium	15	43.9	35.7	35	10	16.6	33.5 [29.5]	14.2	14.3
Zinc	89.4 *	115 *	84.8 *	90.1 *	61.0 *	65.4 *	95.9 * [72.2 *]	59.2 *	59.2 *
Cyanide	ND(0.61)	ND(0.72)	ND(0.68)	ND(0.66)	ND(0.76)	ND(0.68)	ND(0.66) [7.3]	ND(0.64)	ND(0.58)
Total Organic Carbon (TOC)	12100	>16,000	>16,000	>16,000	>16,000	>16,000	>14,700 [>16,000]	15800	9410

TABLE 7-13

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

UNKAMET BROOK AREA
SUMMARY OF HISTORICAL SURFICIAL SOIL APPENDIX IX+3 DATA - 1997

(Results are presented in dry-weight parts per million, ppm)

Notes:

1. Samples collected by Blasland, Bouck & Lee, Inc., and submitted to CompuChem Environmental Corporation for analysis as part of an MCP Supplemental Phase II/RCRA Investigation of Unkamet Brook Area/USEPA Area 1.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Only those constituents detected in at least one sample are summarized.

Data Qualifiers for Volatile and Semi-Volatile Organic Compounds

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

Data Qualifiers for Inorganic Constituents

- E - Serial dilution results not within 10%. Applicable only if analyte concentration is at least 50 times the IDL in the original sample.
- B - Indicates an estimated value between the instrument detection limit and practical quantitation limit (PQL).
- N - Indicates sample matrix spike analysis was outside control limits.
- * - Laboratory control sample was outside criteria for this analyte.

Section E

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BLASLAND, BOUCK & LEE, INC.
engineers & scientists

TABLE 1
GENERAL ELECTRIC/UNKAMET BROOK
SURFACE SOIL AND SEDIMENT SAMPLING SCREENING
ANALYTICAL DATA SUMMARY
24 through 26 August 1998

0.5'

Sample Number	Date	Time	Description	Aroclor 1254	Aroclor 1260	Total PCB
UE0000A	8/24/98	1240	Soil from east bank, at confluence (duplicate and confirmatory sample collected)	0.6 U	0.6 U	0.6 U
UC0000A	8/24/98	1245	Sediment from center of bed, at confluence	2.6	2.6	5.2
UW0000A	8/24/98	1250	Soil from west bank, at confluence	4.1	4.3	8.4
UW0050A	8/24/98	1250	Soil from west bank, 50' upstream from confluence, 5'downstream of beaver dam	0.5 J	0.3 J	0.8 J
UE0050A	8/24/98	1256	Sediment from center of bed, 50' upstream from confluence, 5' downstream of beaver dam	1.2	7.8	20
UC0050A	8/24/98	1259	Soil from east bank, 50' upstream from confluence, 5' downstream of beaver dam	0.4 U	0.4 U	0.4 U
UC0100A	8/24/98	1314	Sediment from center of bed, 100' upstream from confluence, 40' upstream of beaver dam in ponded area	1.9 J	2.2 J	4.1 J
UW0100A	8/24/98	1306	Soil from west bank, 100' upstream from confluence, 40' upstream of beaver dam in ponded area	0.8 U	0.8 U	0.8 U
UE0100A	8/24/98	1306	Soil from east bank, 100' upstream from confluence, 40' upstream of beaver dam in ponded area	4.7	4.4	9.1
UE0150A	8/24/98	1437	Soil from east bank, 150' upstream from confluence (sample split collected)	11	12	23
UC0150A	8/24/98	1445	Sediment from center of bed, 150' upstream from confluence	2.7 J	2.2 J	4.9 J
UW0150A	8/24/98	1452	Soil from west bank, 150' upstream from confluence	0.7	1.1	1.8
UC0200A	8/24/98	1505	Sediment from center of bed, 200' upstream from confluence	1.9 J	1.9 J	3.8 J
UW0200A	8/24/98	1515	Soil from west bank, 200' upstream from confluence (duplicate sample collected)	0.8 U	1.7	1.7
UE0200A	8/24/98	1513	Soil from east bank, 200' upstream from confluence	7.2 J	8.5	16
UW0240A	8/24/98	1539	Sediment from near west bank, 240' upstream from confluence, sheen in water first visible	1	1.2	2.2
UC0250A	8/24/98	1546	Sediment from center of bed, 250' upstream from confluence	1.9 J	1.6	3.5 J

TABLE 1
GENERAL ELECTRIC/UNKAMET BROOK
SURFACE SOIL AND SEDIMENT SAMPLING SCREENING
ANALYTICAL DATA SUMMARY
24 through 26 August 1998

Sample Number	Date	Time	Description	Aroclor 1254	Aroclor 1260	Total PCB
UE0250A	8/24/98	1552	Soil from east bank, 250' upstream from confluence	7.9 J	15	23 J
UW0250A	8/24/98	1555	Soil from west bank, 250' upstream from confluence (confirmatory sample collected)	3.5 J	7.0	11
UE0300A	8/25/98	820	Soil from east bank, 300' upstream from confluence	10	12 J	22
UC0300A	8/25/98	815	Sediment from center of bed, 300' upstream from confluence	1.7	2.8 J	4.5
UW0300A	8/25/98	819	Soil from west bank, 300' upstream from confluence	3.9	6.1 J	10
UC0342A	8/25/98	831	Sediment from center of bed, 342' upstream from confluence, by drum on east bank downstream of beaver dam	1.4	1.0 J	2.4
UW0342A	8/25/98	834	Soil from west bank, 342' upstream from confluence, by drum on east bank downstream of beaver dam	4.1	5.2 J	9.3
UE0342A	8/25/98	835	Soil from east bank, 342' upstream from confluence, by drum on east bank downstream of beaver dam (sample split collected)	16	11	27
UE0355A	8/25/98	850	Sediment from near east bank, 355' upstream from confluence, 5' upstream of beaver dam	1.3 J	1.6 J	2.9 J
UC0355A	8/25/98	856	Sediment from center of bed, 355' upstream from confluence, 5' upstream of beaver dam	3.6	3.8 J	7.4
UW0355A	8/25/98	902	Soil from west bank, 355' upstream from confluence, 5' upstream of beaver dam	0.3 J	0.5 J	0.8 J
UW0370A	8/25/98	904	Sediment from near west bank, 370' upstream from confluence, adjacent to first drum on west bank (confirmatory sample collected)	1.7 U	1.2 J	1.2 J
UW0400A	8/25/98	915	Sediment from near west bank, 400' upstream from confluence, 3' downstream of second drum on west bank	0.6 J	1.0	1.6 J
UE0400A	8/25/98	917	Sediment from near east bank, 400' upstream from confluence, 3' downstream of second drum on west bank	5.0 U	10 J	10 J
UC0400A	8/25/98	923	Sediment from center of bed, 400' upstream from confluence, 3' downstream of second drum on west bank (sample split collected)	1.3	2.2 J	3.5
UW0450A	8/25/98	1005	Soil from west bank, 450' upstream from confluence	1.1 U	1.5	1.5

TABLE 1
GENERAL ELECTRIC/UNKAMET BROOK
SURFACE SOIL AND SEDIMENT SAMPLING SCREENING
ANALYTICAL DATA SUMMARY
24 through 26 August 1998

Sample Number	Date	Time	Description	Aroclor 1254	Aroclor 1260	Total PCB
UE0450A	8/25/98	1007	Sediment from near east bank, 450' upstream from confluence	16 J	23	39 J
UC0450A	8/25/98	1014	Sediment from center of bed, 450' upstream from confluence (duplicate sample collected)	1.2 U	3	3
UW0500A	8/25/98	1030	Soil from west bank, 500' upstream from confluence (duplicate and confirmatory sample collected)	1.0 U	2.7	2.7
UE0500A	8/25/98	1027	Soil from east bank, 500' upstream from confluence	0.7 U	0.7 U	0.7 U
UC0500A	8/25/98	1034	Sediment from center of bed, 500' upstream from confluence	6.9	7.6	15
UE0550A	8/25/98	1053	Soil from east bank, 550' upstream from confluence	0.8 U	2.4	2.4
UC0550A	8/25/98	1100	Sediment from center of bed, 550' upstream from confluence	4.8 J	8.4	13
UW0550A	8/25/98	1053	Soil from west bank, 550' upstream from confluence (sample split collected)	0.8 U	1.5	1.5
UW0600A	8/25/98	1120	Soil from west bank, 600' upstream from confluence	0.8 U	0.8 U	0.8 U
UE0600A	8/25/98	1121	Soil from east bank, 600' upstream from confluence	12 U	24	24
UC0600A	8/25/98	1112	Sediment from center of bed, 600' upstream from confluence (duplicate sample collected)	3.9 U	2.6	2.6
UC0650A	8/25/98	1135	Sediment from center of bed, 650' upstream from confluence	2.8	1.6	4.4
UE0650A	8/25/98	1138	Soil from east bank, 650' upstream from confluence	2.5 U	3.1	3.1
UW0650A	8/25/98	1142	Soil from west bank, 650' upstream from confluence	21	29	50
UE0700A	8/25/98	1325	Soil from east bank, 700' upstream from confluence, sheen becoming more pronounced (sample split collected)	71 J	120	190 J
UW0700A	8/25/98	1322	Soil from west bank, 700' upstream from confluence, sheen becoming more pronounced	24 U	41	41
UC0700A	8/25/98	1327	Sediment from center of bed, 700' upstream from confluence, sheen becoming more pronounced	1.3 J	1.9 J	3.2 J
UE0750A	8/25/98	1337	Soil from east bank, 750' upstream from confluence	19	32 J	51
UW0750A	8/25/98	1342	Soil from west bank, 750' upstream from confluence	26	42 J	68
UC0750A	8/25/98	1338	Sediment from center of bed, 750' upstream from confluence	6.6 J	5.7 J	12 J

TABLE 1
GENERAL ELECTRIC/UNKAMET BROOK
SURFACE SOIL AND SEDIMENT SAMPLING SCREENING
ANALYTICAL DATA SUMMARY
24 through 26 August 1998

Sample Number	Date	Time	Description	Aroclor 1254	Aroclor 1260	Total PCB
UE0800A	8/25/98	1355	Soil from east bank, 800' upstream from confluence	21 U	16 J	16 J
UW0800A	8/25/98	1356	Soil from west bank, 800' upstream from confluence (confirmatory sample collected)	33	47 J	80
UC0800A	8/25/98	1359	Sediment from center of bed, 800' upstream from confluence	3.8 U	3.6 J	3.6 J
UE0850A	8/25/98	1425	Soil from east bank, 850' upstream from confluence, downstream of beaver dam of left side of divergence	13	38 J	51
UW0850A	8/25/98	1430	Soil from west bank, 850' upstream from confluence, downstream of beaver dam of left side of divergence	18 U	32 J	32
UC0850A	8/25/98	1426	Sediment from center of bed, 850' upstream from confluence, downstream of beaver dam of left side of divergence	5.3 J	5.5 J	11
UC0900A	8/25/98	1455	Sediment from center of bed, 900' upstream from confluence, sheen more pronounced (sample split collected)	35	42 J	77
UW0900A	8/25/98	1457	Soil from west bank, 900' upstream from confluence, sheen more pronounced (confirmatory sample collected)	14	12	26
UE0900A	8/25/98	1450	Soil from east bank, 900' upstream from confluence, sheen more pronounced	15	18 J	33
UC0950A	8/25/98	1612	Sediment from center of bed, 950' upstream from confluence, sheen (duplicate sample collected)	2.7	4.4 J	7.1
UW0950A	8/25/98	1625	Soil from west bank, 950' upstream from confluence, sheen	53	27	80
UE0950A	8/25/98	1616	Soil from east bank, 950' upstream from confluence, sheen	13	13	26
UC1000A	8/25/98	1637	Sediment from center bed, 1000' upstream from confluence, sheen	6.2	4.6	11
UE1000A	8/25/98	1640	Soil from east bank, 1000' upstream from confluence, sheen	20	31	51
UW1000A	8/25/98	1642	Soil from west bank, 1000' upstream from confluence, sheen	16	23	39
UC1050A	8/25/98	1659	Sediment from center bed, 1050' upstream from confluence, sheen	3.6	3.8	7.4
UE1050A	8/25/98	1653	Soil from east bank, 1050' upstream from confluence, sheen	9.5	10	20
UW1050A	8/25/98	1653	Soil from west bank, 1050' upstream from confluence, sheen (sample split collected)	1,400	100 U	1,400

TABLE 1
GENERAL ELECTRIC/UNKAMET BROOK
SURFACE SOIL AND SEDIMENT SAMPLING SCREENING
ANALYTICAL DATA SUMMARY
24 through 26 August 1998

Sample Number	Date	Time	Description	Aroclor 1254	Aroclor 1260	Total PCB
UC1100A	8/25/98	1707	Sediment from center bed, 1100' upstream from confluence, sheen	11 J	16	27 J
UE1100A	8/25/98	1710	Soil from east bank, 1100' upstream from confluence, sheen	8.2 J	16 J	24 J
UW1100A	8/25/98	1714	Soil from west bank, 1100' upstream from confluence, sheen	190	100 U	190
UC1150A	8/25/98	1723	Sediment from center bed, 1150' upstream from confluence, sheen	1.3 J	1.3	2.6 J
UE1150A	8/25/98	1723	Soil from east bank, 1150' upstream from confluence, sheen	32 J	40 J	72 J
UW1150A	8/25/98	1727	Soil from west bank, 1150' upstream from confluence, sheen (duplicate sample collected)	7.7 J	8.6	16 J
UE1205A	8/26/98	850	Soil from east bank, 1205' upstream from confluence, upstream of beaver dam (sample split collected)	33	43 J	76 J
UC1205A	8/26/98	853	Sediment from center of bed, 1205' upstream from confluence, upstream of beaver dam	3.7 J	3.5 J	7.2 J
UW1205A	8/26/98	855	Soil from west bank, 1205' upstream from confluence, upstream of beaver dam	5.8	3.7 J	9.5
UE1250A	8/26/98	915	Soil from east bank, 1250' upstream from confluence, sheen and trash in water (duplicate sample collected)	17	22	39
UC1250A	8/26/98	925	Sediment from center of bed, 1250' upstream from confluence, sheen and trash in water	5.3	4.7	10
UW1250A	8/26/98	920	Soil from west bank, 1250' upstream from confluence, sheen and trash in water	15	8.9	24
UW1300A	8/26/98	935	Soil from west bank, 1300' upstream from confluence, sheen and trash in water	9.3	7.6	17
UE1300A	8/26/98	940	Soil from east bank, 1300' upstream from confluence, sheen and trash in water	9.5	6.1	16
UC1300A	8/26/98	945	Sediment from center of bed, 1300' upstream from confluence, sheen and trash in water	1	0.8	1.8
UW1319A	8/26/98	1059	Soil from west bank, 1319' upstream from confluence, at downstream end of culvert under RR tracks	8.1	6.2	14

TABLE 1
GENERAL ELECTRIC/UNKAMET BROOK
SURFACE SOIL AND SEDIMENT SAMPLING SCREENING
ANALYTICAL DATA SUMMARY
24 through 26 August 1998

Sample Number	Date	Time	Description	Aroclor 1254	Aroclor 1260	Total PCB
UC1319A	8/26/98	1059	Sediment from center of bed, 1319' upstream from confluence, at downstream end of culvert under RR tracks	2.5	1.8	4.3
UE1319A	8/26/98	1103	Soil from east bank, 1319' upstream from confluence, at downstream end of culvert under RR tracks	4.5	5.4	9.9
UE1377A	8/26/98	1106	Soil from east bank, 1377' upstream from confluence, sheen, at upstream end of culvert under RR tracks	3.7 U	6.0 J	6.0
UW1377A	8/26/98	1105	Sediment from near west bank, 1377' upstream from confluence, sheen, at upstream end of culvert under RR tracks	1.5 J	1.8 J	3.3 J
UC1377A	8/26/98	1110	Sediment from center of bed, 1377' upstream from confluence, sheen, at upstream end of culvert under RR tracks (duplicate and sample split collected)	3.6	3.1	6.7
UE1411A	8/26/98	1134	Soil from east bank, 1411' upstream from confluence, sheen, at open pipe on west bank	2.9	2.7	5.6
UC1411A	8/26/98	1136	Sediment from center of bed, 1411' upstream from confluence, sheen, at open pipe on west bank (confirmatory sample collected)	2.5	2.9	5.4
UW1411A	8/26/98	1130	Sediment from near west bank, 1411' upstream from confluence, sheen, at open pipe on west bank	12	14	26
UC1474A	8/26/98	1146	Sediment from center of bed, 1474' upstream from confluence, at downstream end of second culvert	4.3	4.5	8.8
UE1474A	8/26/98	1153	Soil from east bank, 1474' upstream from confluence, at downstream end of second culvert	6	11	17
UW1474A	8/26/98	1150	Soil from west bank, 1474' upstream from confluence, at downstream end of second culvert (duplicate sample collected)	8.5	9.1	18
UC2060A	8/26/98	1415	Sediment from center of bed, 2060' upstream from confluence, at upstream end of second culvert, trash and sheen in water	5.1	7.5	13

TABLE 1
GENERAL ELECTRIC/UNKAMET BROOK
SURFACE SOIL AND SEDIMENT SAMPLING SCREENING
ANALYTICAL DATA SUMMARY
24 through 26 August 1998

Sample Number	Date	Time	Description	Aroclor 1254	Aroclor 1260	Total PCB
UE2060A	8/26/98	1412	Soil from east bank, 2060' upstream from confluence, at upstream end of second culvert, trash and sheen in water (confirmatory sample collected)	13 J	37	39
UW2060A	8/26/98	1412	Soil from west bank, 2060' upstream from confluence, at upstream end of second culvert, trash and sheen in water	6.2	5.6	13
UC2110A	8/26/98	1425	Sediment from center of bed, 2110' upstream from confluence (confirmatory sample collected)	2.2 J	2.5 J	5.7 J
UE2110A	8/26/98	1429	Soil from east bank, 2110' upstream from confluence (duplicate sample collected)	8.4	7.6	17
UW2110A	8/26/98	1432	Soil from west bank, 2110' upstream from confluence (sample split collected)	6.4	5.1	15
UC2160A	8/26/98	1437	Sediment from center of bed, 2160' upstream from confluence	0.7	0.7	1.8
UE2160A	8/26/98	1438	Soil from east bank, 2160' upstream from confluence	2.7	3.2	6.4
UW2160A	8/26/98	1440	Soil from west bank, 2160' upstream from confluence	29	34	65
UC2210A	8/26/98	1445	Sediment from center of bed, 2210' upstream from confluence	0.9	1.8	2.7
UE2210A	8/26/98	1447	Soil from east bank, 2210' upstream from confluence	11	10	23
UW2210A	8/26/98	1451	Soil from west bank, 2210' upstream from confluence	3.8	4.6	11
UC2272A	8/26/98	1500	Sediment from center of bed, 2272' upstream from confluence, 2' downstream of Merrill Road culvert (duplicate sample collected)	11	5.2	20
UE2272A	8/26/98	1502	Soil from east bank, 2272' upstream from confluence, 2' downstream of Merrill Road culvert (duplicate, confirmatory, and sample split collected)	6.1	6.3	15
UW2272A	8/26/98	1506	Soil from west bank, 2272' upstream from confluence, downstream of Merrill Road culvert (duplicate sample collected)	11	9.1	23

U - Compound was analyzed for but not detected.

J - Value is estimated.

Section F

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

Table 3

General Electric Company
Pittsfield, Massachusetts

Immediate Response Action
Debris Removal From Unkamet Brook Area
Bank Soil and Sediment Sample Results
(Results in ppm, dry-weight)

Sample ID	Depth (feet)	Date Collected	Aroclor-1242	Aroclor-1254	Aroclor-1260	Total PCBs
UB-IRA-1-C1	0-0.5	7/8/98	ND(0.403) [ND(0.278)]	ND(0.403) [ND(0.278)]	3.61 AG [1.39 AG]	3.61 AG [1.39]
UB-IRA-1-L1	0-0.5	7/8/98	ND(3.26)	ND(3.26)	52.2	52.2
UB-IRA-1-R1	0-0.5	7/8/98	ND(0.166)	ND(0.166)	0.725 AG	0.725
UB-IRA-2-L1	0-0.5	7/8/98	ND(15.0)	ND(15.0)	203	203
UB-IRA-2-R1	0-0.5	7/8/98	ND(0.321)	ND(0.321)	1.29 AG	1.29
UB-IRA-3-C1	0-0.5	7/8/98	ND(0.302)	ND(0.302)	0.972 AG	0.972
UB-IRA-3-L1	0-0.5	7/8/98	ND(13.0)	ND(13.0)	173	173
UB-IRA-3-R1	0-0.5	7/8/98	ND(0.415)	ND(0.415)	2.12 AG	2.12
UB-IRA-4-C1	0-0.5	7/8/98	1.12 PD	13.5 AF	10.2 AG	24.8
UB-IRA-4-L1	0-0.5	7/8/98	ND(0.942)	ND(0.942)	12.6	12.6
UB-IRA-4-R1	0-0.5	7/8/98	0.646	ND(0.403)	5.55 AG	6.2
UB-IRA-5-C1	0-0.5	7/8/98	ND(0.289)	2.09 AF	1.24 AG	3.33
UB-IRA-5-L1	0-0.5	7/8/98	ND(5.49)	ND(5.49)	97.6	97.6
UB-IRA-5-R1	0-0.5	7/8/98	0.644 PD	ND(0.514)	6.66 AG	7.3
UB-IRA-6-C1	0-0.5	7/8/98	1.34 PD	ND(0.691)	6.95 AG	8.29
UB-IRA-6-L1	0-0.5	7/8/98	ND(0.242)	ND(0.242)	4.35 AG	4.35
UB-IRA-6-R1	0-0.5	7/8/98	ND(36.3)	ND(36.3)	440 AG	440
UB-IRA-7-C1	0-0.5	7/8/98	ND(5.64)	ND(5.64)	72.4	72.4
UB-IRA-7-L1	0-0.5	7/8/98	ND(1.59)	18.6 AF	14.2 AG	32.8
UB-IRA-7-R1	0-0.5	7/8/98	47.1 PD	84.9 AF	61.9 AG	194
UB-IRA-8-C1	0-0.5	7/8/98	ND(1.49)	ND(1.49)	3.80 AG	3.8
UB-IRA-8-L1	0-0.5	7/8/98	ND(0.513) [ND(1.04)]	4.90 AF [ND(1.04)]	4.59 AG [9.23 AG]	9.49 [9.23]
UB-IRA-8-R1	0-0.5	7/8/98	ND(41.2)	ND(41.2)	567 AG	567
UB-IRA-9-C1	0-0.5	7/8/98	ND(0.590)	ND(0.590)	4.37 AG	4.37
UB-IRA-9-L1	0-0.5	7/8/98	ND(3.03)	24.8 AF	18.3 AG	43.1
UB-IRA-9-R1	0-0.5	7/8/98	ND(53.7)	ND(53.7)	587 AG	587
UB-IRA-10-C1	0-0.5	7/8/98	ND(1.61)	ND(1.61)	3.80 AG	3.8
UB-IRA-10-L1	0-0.5	7/8/98	ND(0.898)	8.09 AF	6.06 AG	14.2
UB-IRA-10-R1	0-0.5	7/8/98	64.2 PD	485 AF	288 AG	837
UB-IRA-11-C1	0-0.5	7/7/98	1.72 PD	ND(0.752)	6.38 AG	8.1
UB-IRA-11-L1	0-0.5	7/7/98	ND(0.677)	5.26 AF	3.30 AG	8.56
UB-IRA-11-R1	0-0.5	7/7/98	ND(31.8)	ND(31.8)	274	274
UB-IRA-12-C1	0-0.5	7/7/98	84.9 PD	111 AF	66.8 AG	263
UB-IRA-12-L1	0-0.5	7/7/98	ND(2.78)	21	13.6	34.6
UB-IRA-12-R1	0-0.5	7/7/98	ND(70.7)	731 AF	463 AG	1,190
UB-IRA-13-C1	0-0.5	7/7/98	24.6 PD	34.7 AF	15.0 AG	74.3
UB-IRA-13-L1	0-0.5	7/7/98	ND(4.49)	ND(4.49)	26.1	26.1
UB-IRA-13-R1	0-0.5	7/7/98	ND(62.3)	1,220	713	1,930
UB-IRA-14-C1	0-0.5	7/7/98	44.7 PD	37.3 AF	17.3 AG	99.3
UB-IRA-14-L1	0-0.5	7/7/98	ND(1.44)	14.6 AF	8.31 AG	22.9
UB-IRA-14-R1	0-0.5	7/7/98	ND(29.3) [ND(61.3)]	651 AF [ND(61.3)]	523 AG [528 AG]	1,170 [528]
UB-IRA-15-C1	0-0.5	7/7/98	23.0 PD	63.6 AF	55.7 AG	142
UB-IRA-15-L1	0-0.5	7/7/98	ND(63.9)	858	157	1,020
UB-IRA-15-R1	0-0.5	7/7/98	ND(59.5)	486	221	707
UB-IRA-16-C1	0-0.5	7/7/98	28.9 PD	61.0 AF	36.7 AG	127
UB-IRA-16-L1	0-0.5	7/7/98	ND(16.1)	174	42.3	216
UB-IRA-16-R1	0-0.5	7/7/98	56,700 PD	43,400 AF	5,020 AG	105,000
UB-IRA-17-C1	0-0.5	7/7/98	8.66 PD	21.5 AF	16.3 AG	46.5
UB-IRA-17-L1	0-0.5	7/7/98	ND(0.887)	3.49 AF	1.64 AG	5.13
UB-IRA-17-R1	0-0.5	7/7/98	ND(29.2)	374	158	532
UB-IRA-18-L1	0-0.5	7/7/98	ND(3.12)	11.2 AF	4.37 AG	15.6
UB-IRA-18-R1	0-0.5	7/7/98	ND(82.5)	909	229	1,140
UB-IRA-19-C1	0-0.5	7/7/98	9.78 PD	15.2 AF	11.7 AG	36.7
UB-IRA-19-L1	0-0.5	7/7/98	ND(1.20)	ND(1.2)	4.38	4.38
UB-IRA-19-R1	0-0.5	7/7/98	ND(368)	3,100	1,140	4,240
UB-IRA-20-C1	0-0.5	7/7/98	74.5 PD	ND(4.16)	46.2 AG	121
UB-IRA-20-R1	0-0.5	7/7/98	ND(36.2)	ND(36.2)	382	382
UB-IRA-21-C1	0-0.5	7/7/98	11.8 PD	17.9 AF	15.9 AG	45.6
UB-IRA-21-L1	0-0.5	7/7/98	ND(0.817)	1.85 AF	1.22 AG	3.07
UB-IRA-21-R1	0-0.5	7/7/98	0.849 PD	10.5 AF	8.24 AG	19.6

Table 3

General Electric Company
Pittsfield, Massachusetts

Immediate Response Action
Debris Removal From Unkamet Brook Area
Bank Soil and Sediment Sample Results
(Results in ppm, dry-weight)

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to Northeast Analytical Services for analysis of PCBs.
2. ND - Analyte was not detected. The value in parentheses is the associated detection limit.
3. Duplicate results are presented in brackets.
4. PD - Aroclor 1242 is being used by Northeast Analytical Services to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1242 is not present in the sample, but is reported to more accurately quantify PCB present in sample that has undergone environmental alteration.
5. AF - Aroclor 1254 is being reported by Northeast Analytical Services as the best Aroclor match. The sample exhibits an altered PCB pattern.
6. AG - Aroclor 1260 is being reported by Northeast Analytical Services as the best Aroclor match. The sample exhibits an altered PCB pattern.
7. Sample identification is as follows: UB-IRA-10- (L1,C1 or R1) where UB represents Unkamet Brook, IRA represents Immediate Response Action, 10 represents the transect number, L1 represents the left bank facing upstream, C1 represents the center of the brook, and R1 represents the right bank facing upstream.

Section G

TABLE 7-2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

UNKAMET BROOK AREA
SOIL INVESTIGATION PROGRAM
PCB SAMPLE DATA RECEIVED DURING SEPTEMBER 2002

(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
51G-01	0 - 1	8/27/02	ND(0.35)	2.3	0.50	2.8
	1 - 6	8/27/02	ND(0.037) [ND(0.036)]	0.049 [0.063]	0.057 [0.079]	0.106 [0.142]
	6 - 15	8/27/02	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
60G-01	0 - 1	8/27/02	ND(0.035)	ND(0.035)	0.093	0.093
	1 - 6	8/27/02	ND(0.040)	ND(0.040)	0.064	0.064
60G-02	0 - 1	8/27/02	ND(0.038)	1.0	0.54	1.54
	1 - 6	8/27/02	ND(0.040)	ND(0.040)	0.53	0.53
	6 - 15	8/27/02	ND(0.061)	ND(0.061)	ND(0.061)	ND(0.061)
MG-01	0 - 1	8/29/02	ND(0.035)	0.039	0.066	0.105
	1 - 6	8/29/02	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	6 - 15	8/29/02	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
MG-02	0 - 1	8/29/02	ND(0.037)	0.12	0.16	0.28
	1 - 6	8/29/02	ND(0.034)	ND(0.034)	0.037	0.037
	6 - 15	8/29/02	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
MG-03	0 - 1	9/19/02	ND(0.045) [ND(0.041)]	ND(0.045) [ND(0.041)]	ND(0.045) [ND(0.041)]	ND(0.045) [ND(0.041)]
MG-04	0 - 1	9/19/02	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
MG-05	0 - 1	9/19/02	ND(0.039)	0.11	0.19	0.30
MG-06	0 - 1	9/19/02	ND(0.038)	0.052	0.12	0.172
MG-07	0 - 1	9/19/02	ND(0.039)	0.047	0.089	0.136
MG-08	0 - 1	9/19/02	ND(0.038)	0.018 J	0.038	0.056
MG-09	0 - 1	9/19/02	ND(0.038)	0.048	0.088	0.136
MG-10	0 - 1	9/19/02	ND(0.039)	0.44	0.59	1.03
MG-11	0 - 1	9/19/02	ND(0.77)	3.1	4.5	7.6
MG-12	0 - 1	9/19/02	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
MG-13	0 - 1	9/19/02	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
MG-14	0 - 1	9/19/02	ND(0.041)	0.14	0.19	0.33
MG-15	0 - 1	9/19/02	ND(0.037)	0.070	0.11	0.18
MG-16	0 - 1	9/19/02	ND(0.039)	0.10	0.12	0.22
MG-17	0 - 1	9/19/02	ND(0.040)	0.092	0.16	0.252
MG-18	0 - 1	9/19/02	ND(0.039)	0.068	0.10	0.168
MG-19	0 - 1	9/19/02	ND(0.037)	ND(0.037)	0.026 J	0.026 J
MG-20	0 - 1	9/19/02	ND(0.044)	0.079	0.081	0.16
MG-21	0 - 1	9/19/02	ND(0.038)	ND(0.038)	0.049	0.049
MG-22	0 - 1	9/19/02	ND(0.038)	ND(0.038)	0.053	0.053
MG-23	0 - 1	9/19/02	ND(0.039)	0.10	0.16	0.26
MG-24	0 - 1	9/19/02	ND(0.040)	0.24	0.38	0.62
MG-25	0 - 1	9/19/02	ND(0.040) [ND(0.040)]	0.045 [0.028 J]	0.15 [0.087]	0.195 [0.115]
MG-26	0 - 1	9/19/02	ND(0.041)	0.022 J	0.069	0.091
MG-27	0 - 1	9/19/02	ND(0.041)	0.044	0.036 J	0.080
MG-28	0 - 1	9/19/02	ND(0.037)	0.020 J	0.048	0.068
MG-29	0 - 1	9/19/02	ND(0.038)	ND(0.038)	0.021 J	0.021 J
MG-30	0 - 1	9/19/02	ND(0.041)	0.023 J	0.029 J	0.052 J
MG-31	0 - 1	9/19/02	ND(0.044)	ND(0.044)	0.023 J	0.023 J
MG-32	0 - 1	9/19/02	ND(0.039)	ND(0.039)	0.015 J	0.015 J
MG-33	0 - 1	9/19/02	ND(0.040)	ND(0.040)	0.035 J	0.035 J
MG-34	0 - 1	9/19/02	ND(0.035)	ND(0.035)	0.018 J	0.018 J

Notes:

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

Data Qualifiers:

Organics

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

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSUNKAMET BROOK AREA
SOIL INVESTIGATION PROGRAM

APPENDIX IX+3 SAMPLE DATA RECEIVED DURING SEPTEMBER 2002

(Results are presented in dry weight parts per million, ppm)

Sample ID:	51G-01	60G-01	60G-01	60G-02	60G-02
Sample Depth(Feet):	0-1	1-6	3-4	6-15	8-9
Parameter	Date Collected:	08/27/02	08/27/02	08/27/02	08/27/02
Volatile Organics					
Acetone	ND(0.021)	NS	0.013 J	NS	ND(0.023)
Benzene	ND(0.0052)	NS	ND(0.0059)	NS	1.0
Carbon Disulfide	ND(0.0052)	NS	ND(0.0059)	NS	0.0031 J
Chlorobenzene	ND(0.0052)	NS	ND(0.0059)	NS	4.3
Toluene	ND(0.0052)	NS	ND(0.0059)	NS	0.0034 J
Semivolatile Organics					
1,4-Dichlorobenzene	ND(0.35)	ND(0.40)	NS	2.4	NS
Anthracene	0.22 J	ND(0.40)	NS	ND(0.61)	NS
Benzo(a)anthracene	0.65	ND(0.40)	NS	ND(0.61)	NS
Benzo(a)pyrene	0.53	ND(0.40)	NS	ND(0.61)	NS
Benzo(b)fluoranthene	0.48	ND(0.40)	NS	ND(0.61)	NS
Benzo(g,h,i)perylene	0.50	ND(0.40)	NS	ND(0.61)	NS
Benzo(k)fluoranthene	0.66	ND(0.40)	NS	ND(0.61)	NS
Chrysene	0.90	ND(0.40)	NS	ND(0.61)	NS
Dibenzo(a,h)anthracene	0.18 J	ND(0.40)	NS	ND(0.61)	NS
Di-n-Butylphthalate	0.10 J	ND(0.40)	NS	ND(0.61)	NS
Fluoranthene	1.0	ND(0.40)	NS	ND(0.61)	NS
Indeno(1,2,3-cd)pyrene	0.39	ND(0.40)	NS	ND(0.61)	NS
Naphthalene	ND(0.35)	ND(0.40)	NS	0.92	NS
Phenanthrene	0.64	ND(0.40)	NS	ND(0.61)	NS
Pyrene	1.7	ND(0.40)	NS	ND(0.61)	NS
Pyridine	ND(0.35)	ND(0.40)	NS	0.82	NS
Furans					
2,3,7,8-TCDF	0.000015 Y	0.000020 J	NS	ND(0.000023)	NS
TCDFs (total)	0.00013	0.000073	NS	0.000047	NS
1,2,3,7,8-PeCDF	0.0000045	0.0000066 J	NS	ND(0.000052)	NS
2,3,4,7,8-PeCDF	0.000026	0.000015 J	NS	ND(0.000052)	NS
PeCDFs (total)	0.00032 QI	0.000010	NS	ND(0.000051)	NS
1,2,3,4,7,8-HxCDF	0.0000082	ND(0.000020)	NS	ND(0.000052)	NS
1,2,3,6,7,8-HxCDF	0.0000080	0.0000050 J	NS	ND(0.000052)	NS
1,2,3,7,8,9-HxCDF	ND(0.000049)	ND(0.000020)	NS	ND(0.000052)	NS
2,3,4,6,7,8-HxCDF	0.000020	0.0000064 J	NS	ND(0.000052)	NS
HxCDFs (total)	0.00038	0.000088	NS	ND(0.000051)	NS
1,2,3,4,6,7,8-HpCDF	0.000040	ND(0.000014) X	NS	0.000031 J	NS
1,2,3,4,7,8,9-HpCDF	0.000038	ND(0.000020)	NS	ND(0.000052)	NS
HpCDFs (total)	0.00011	ND(0.000020)	NS	0.000031	NS
OCDF	0.000054	ND(0.000039)	NS	ND(0.000010)	NS
Dioxins					
2,3,7,8-TCDD	0.0000060 J	ND(0.000012)	NS	ND(0.000035)	NS
TCDDs (total)	0.0000051	ND(0.000026)	NS	ND(0.000076)	NS
1,2,3,7,8-PeCDD	0.000013 J	ND(0.000020)	NS	ND(0.000052)	NS
PeCDDs (total)	0.000015 Q	ND(0.000034)	NS	ND(0.000077)	NS
1,2,3,4,7,8-HxCDD	0.000014 J	ND(0.000020)	NS	ND(0.000052)	NS
1,2,3,6,7,8-HxCDD	0.0000058	ND(0.000020)	NS	ND(0.000052)	NS
1,2,3,7,8,9-HxCDD	0.0000024	ND(0.000020)	NS	ND(0.000052)	NS
HxCDDs (total)	0.000057	ND(0.000020)	NS	ND(0.000012)	NS
1,2,3,4,6,7,8-HpCDD	0.000084	ND(0.000015) X	NS	ND(0.000052)	NS
HpCDDs (total)	0.00015	ND(0.000020)	NS	ND(0.000051)	NS
OCDD	0.00076	0.000054 J	NS	0.000014 J	NS
Total TEQs (WHO TEFs)	0.000023	0.000032	NS	0.000078	NS

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSUNKAMET BROOK AREA
SOIL INVESTIGATION PROGRAM
APPENDIX IX+3 SAMPLE DATA RECEIVED DURING SEPTEMBER 2002

(Results are presented in dry weight parts per million, ppm)

Sample ID:	51G-01	60G-01	60G-01	60G-02	60G-02
Sample Depth(Feet):	0-1	1-6	3-4	6-15	8-9
Parameter	Date Collected:	08/27/02	08/27/02	08/27/02	08/27/02
Inorganics					
Antimony	ND(6.00)	1.40 B	NS	ND(6.00)	NS
Arsenic	5.60	6.60	NS	5.70	NS
Barium	44.0	43.0	NS	30.0	NS
Beryllium	ND(0.500)	ND(0.500)	NS	0.260 B	NS
Cadmium	1.40	1.40	NS	0.500	NS
Chromium	34.0	48.0	NS	5.40	NS
Cobalt	11.0	12.0	NS	7.10	NS
Copper	33.0	28.0	NS	14.0	NS
Cyanide	0.230	ND(0.120)	NS	ND(0.180)	NS
Lead	130	31.0	NS	12.0	NS
Mercury	0.310 B	0.220 B	NS	0.0200 B	NS
Nickel	18.0	64.0	NS	11.0	NS
Selenium	0.630 B	0.790 B	NS	0.930 B	NS
Silver	ND(1.00)	ND(1.00)	NS	ND(1.40)	NS
Sulfide	27.0	99.0	NS	180	NS
Tin	59.0	ND(10.0)	NS	5.70 B	NS
Vanadium	26.0	15.0	NS	7.60	NS
Zinc	190	180	NS	63.0	NS

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSUNKAMET BROOK AREA
SOIL INVESTIGATION PROGRAM
APPENDIX IX+3 SAMPLE DATA RECEIVED DURING SEPTEMBER 2002

(Results are presented in dry weight parts per million, ppm)

Sample ID:	MG-01	MG-02
Sample Depth(Feet):	0-1	1-6
Parameter	Date Collected:	08/29/02
Volatile Organics		
Acetone	0.012 J	ND(0.021) [ND(0.021)]
Benzene	ND(0.0053)	ND(0.0052) [ND(0.0052)]
Carbon Disulfide	ND(0.0053)	ND(0.0052) [ND(0.0052)]
Chlorobenzene	ND(0.0053)	ND(0.0052) [ND(0.0052)]
Toluene	ND(0.0053)	ND(0.0052) [ND(0.0052)]
Semivolatile Organics		
1,4-Dichlorobenzene	ND(0.35)	ND(0.34) [ND(0.34)]
Anthracene	ND(0.35)	ND(0.34) [ND(0.34)]
Benzo(a)anthracene	0.14 J	ND(0.34) [ND(0.34)]
Benzo(a)pyrene	0.16 J	ND(0.34) [ND(0.34)]
Benzo(b)fluoranthene	0.12 J	ND(0.34) [ND(0.34)]
Benzo(g,h,i)perylene	0.12 J	ND(0.34) [ND(0.34)]
Benzo(k)fluoranthene	0.18 J	ND(0.34) [ND(0.34)]
Chrysene	0.13 J	ND(0.34) [ND(0.34)]
Dibenzo(a,h)anthracene	ND(0.35)	ND(0.34) [ND(0.34)]
Di-n-Butylphthalate	ND(0.35)	ND(0.34) [ND(0.34)]
Fluoranthene	0.27 J	ND(0.34) [ND(0.34)]
Indeno(1,2,3-cd)pyrene	ND(0.35)	ND(0.34) [ND(0.34)]
Naphthalene	ND(0.35)	ND(0.34) [ND(0.34)]
Phenanthrene	0.089 J	ND(0.34) [ND(0.34)]
Pyrene	0.44	ND(0.34) [ND(0.34)]
Pyridine	ND(0.35)	ND(0.34) [ND(0.34)]
Furans		
2,3,7,8-TCDF	0.0000020 Y	0.00000060 J [0.00000050 J]
TCDFs (total)	0.000031	0.0000038 [0.0000026]
1,2,3,7,8-PeCDF	0.0000055	0.0000011 J [0.00000071 J]
2,3,4,7,8-PeCDF	0.0000031	0.00000057 J [0.00000068 J]
PeCDFs (total)	0.000052 QI	0.0000058 [0.0000055]
1,2,3,4,7,8-HxCDF	0.0000035	0.00000045 J [0.00000038 J]
1,2,3,6,7,8-HxCDF	0.0000011 J	0.00000019 J [0.00000022 J]
1,2,3,7,8,9-HxCDF	0.00000047 J	0.000000084 J [ND(0.00000025)]
2,3,4,6,7,8-HxCDF	0.0000033	0.00000032 J [0.00000036 J]
HxCDFs (total)	0.000049	0.0000037 [0.0000040]
1,2,3,4,6,7,8-HpCDF	0.0000052	0.00000057 J [0.00000063 J]
1,2,3,4,7,8,9-HpCDF	0.00000075 J	ND(0.00000086) X [ND(0.00000025)]
HpCDFs (total)	0.000014	0.0000012 [0.0000014]
OCDF	0.0000051	ND(0.00000060) X [0.00000068 J]
Dioxins		
2,3,7,8-TCDD	ND(0.00000012)	ND(0.00000010) [ND(0.00000012)]
TCDDs (total)	0.00000031	ND(0.00000010) [ND(0.00000035)]
1,2,3,7,8-PeCDD	ND(0.00000038) X	ND(0.00000024) [ND(0.00000025)]
PeCDDs (total)	0.0000022 Q	ND(0.00000024) [ND(0.00000044)]
1,2,3,4,7,8-HxCDD	0.00000033 J	ND(0.00000024) [ND(0.00000025)]
1,2,3,6,7,8-HxCDD	0.00000052 J	ND(0.00000024) [ND(0.00000025)]
1,2,3,7,8,9-HxCDD	0.00000037 J	ND(0.00000024) [ND(0.00000025)]
HxCDDs (total)	0.0000047	0.00000024 [ND(0.00000062)]
1,2,3,4,6,7,8-HpCDD	0.0000044	0.00000078 J [0.00000080 J]
HpCDDs (total)	0.0000084	0.0000014 [0.0000015]
OCDD	0.000032	0.0000053 [0.0000064]
Total TEQs (WHO TEFs)	0.0000033	0.00000072 [0.00000077]

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSUNKAMET BROOK AREA
SOIL INVESTIGATION PROGRAM
APPENDIX IX+3 SAMPLE DATA RECEIVED DURING SEPTEMBER 2002

(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	MG-01 0-1 08/29/02	MG-02 1-6 08/29/02
Inorganics			
Antimony		1.10 B	1.00 B [1.20 B]
Arsenic		4.50	4.50 [4.20]
Barium		25.0	29.0 [ND(20.0)]
Beryllium		0.540	0.700 [ND(0.500)]
Cadmium		0.560	0.600 [ND(0.500)]
Chromium		7.00	11.0 [8.10]
Cobalt		6.00	9.10 [6.90]
Copper		12.0	13.0 [15.0]
Cyanide		0.150	ND(0.100) [ND(0.100)]
Lead		15.0	9.30 [9.00]
Mercury		0.0480 B	0.0240 B [0.0220 B]
Nickel		9.10	14.0 [13.0]
Selenium		0.570 B	ND(1.00) [ND(1.00)]
Silver		ND(1.00)	0.350 B [ND(1.00)]
Sulfide		18.0	10.0 [20.0]
Tin		4.00 B	3.70 B [3.40 B]
Vanadium		9.60	9.30 [8.00]
Zinc		40.0	38.0 [38.0]

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTSUNKAMET BROOK AREA
SOIL INVESTIGATION PROGRAM

APPENDIX IX+3 SAMPLE DATA RECEIVED DURING SEPTEMBER 2002

(Results are presented in dry weight parts per million, ppm)

Notes:

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

Data Qualifiers:

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

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

I - Polychlorinated Diphenyl Ether (PCDPE) Interference.

Q - Indicates the presence of quantitative interferences.

X - Estimated maximum possible concentration.

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

Inorganics

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

TABLE 7-4

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

UNKAMET BROOK AREA
SOIL INVESTIGATION PROGRAM
TCLP SAMPLE DATA RECEIVED DURING SEPTEMBER 2002

(Results are presented in parts per million, ppm)

Parameter	Sample ID Sample Depth(Feet) Date Collected	TCLP Regulatory Limits	51G-01 0-1 8/27/02	60G-01 0-1 8/27/02	MG-01 1-6 8/29/02
Volatile Organics					
1,1-Dichloroethene		0.7	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]
1,2-Dichloroethane		0.5	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]
2-Butanone		200	ND(0.20)	ND(0.20)	ND(0.20) [ND(0.20)]
Benzene		0.5	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]
Carbon Tetrachloride		0.5	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]
Chlorobenzene		100	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]
Chloroform		6	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]
Tetrachloroethene		0.7	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]
Trichloroethene		0.5	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]
Vinyl Chloride		0.2	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]
Semivolatile Organics					
1,4-Dichlorobenzene		7.5	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
2,4,5-Trichlorophenol		400	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
2,4,6-Trichlorophenol		2	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
2,4-Dinitrotoluene		0.13	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Cresol		200	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Hexachlorobenzene		0.13	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Hexachlorobutadiene		0.5	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Hexachloroethane		3	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Nitrobenzene		2	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Pentachlorophenol		100	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Pyridine		5	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Inorganics					
Arsenic		5	ND(0.100)	ND(0.100)	ND(0.100) [ND(0.100)]
Barium		100	0.190	0.110	0.140 [0.160]
Cadmium		1	ND(0.0200)	ND(0.0200)	ND(0.0200) [0.00220 B]
Chromium		5	ND(0.0500)	ND(0.0500)	ND(0.0500) [0.00500 B]
Lead		5	ND(0.100)	ND(0.100)	ND(0.100) [0.00550 B]
Mercury		0.2	ND(0.00200)	ND(0.00200)	ND(0.00200) [ND(0.00200)]
Selenium		1	ND(0.200)	ND(0.200)	ND(0.200) [ND(0.200)]
Silver		5	ND(0.0200)	ND(0.0200)	ND(0.0200) [ND(0.0200)]

Notes:

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

Data Qualifiers:

Inorganics

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

Section H

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

TABLE 3-2
Summary Analytical Data from Soil Samples Collected at
440 Merrill Road, Pittsfield, Massachusetts on October 8, 1993 (EPA Method 8240).

Parameter	Sample Designation								Standard
	SS-1 (2'-4')	SS-2 (2'-4')	SS-3 (2'-4')	SS-3 (6'-8')	SS-4 (4'-6')	SS-4 (6'-8')	SS-5 (0'-2')	SS-6 (2'-4')	
Methylene Chloride	18	14	---	15	160	29	51	12	25
Trichloroethene	6	---	---	---	---	---	---	---	5
Xylene	---	---	---	---	11	7	---	---	100

2649tbl.3-2

Units = Micrograms per kilogram (ug/kg)

--- = Below detection limits (5 ug/kg)

Standard = Environmental Protection Agency Maximum Contaminant Levels (ug/l)

CEIMIC CORPORATION

"Analytical Chemistry for Environmental Management"

TARGET COMPOUND LIST

VOLATILE ORGANICS

EPA Method 624/8240

Client: Environmental Risk Ltd.

Client Sample ID: SS-1 2-4'

Laboratory ID: 930696-04

Date Sample Received: 10/09/93

Date Sample Prepared: 10/13/93

Date Sample Analyzed: 10/13/93

Concentration in: $\mu\text{g}/\text{kg}$ (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene chloride	18	5
Acetone	ND	10
Carbon disulfide	ND	5
1,1-Dichloroethene	ND	5
1,1-Dichloroethane	ND	5
1,2-Dichloroethene (total)	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	5
Carbon tetrachloride	ND	5
Bromodichloromethane	ND	5
1,2-Dichloropropane	ND	5
cis-1,3-Dichloropropene	ND	5
Trichloroethene	6	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
Benzene	ND	5

CEIMIC
CORPORATION
"Analytical Chemistry for Environmental Management"

TARGET COMPOUND LIST

VOLATILE ORGANICS

EPA Method 624/8240

Client: Environmental Risk Ltd.

Client Sample ID: SS-1 2-4'

Laboratory ID: 930696-04

Target Analyte	Sample Concentration	Method Reporting Limits
trans-1,3-Dichloropropene	ND	5
Bromoform	ND	5
4-Methyl-2-pentanone	ND	10
2-Hexanone	ND	10
1,1,2,2-Tetrachloroethane	ND	5
Tetrachloroethene	ND	5
Toluene	ND	5
Chlorobenzene	ND	5
Ethyl benzene	ND	5
Styrene	ND	5
Xylene (total)	ND	5

ND = Not detected

Reported by: HDE

Approved by: 

CEIMIC
CORPORATION

"Analytical Chemistry for Environmental Management"

TARGET COMPOUND LIST

VOLATILE ORGANICS

EPA Method 624/8240

Client: Environmental Risk Ltd.

Client Sample ID: SS-2 2-4'

Laboratory ID: 930696-05

Date Sample Received: 10/09/93

Date Sample Prepared: 10/12/93

Date Sample Analyzed: 10/13/93

Concentration in: $\mu\text{g}/\text{kg}$ (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene chloride	14	5
Acetone	ND	10
Carbon disulfide	ND	5
1,1-Dichloroethene	ND	5
1,1-Dichloroethane	ND	5
1,2-Dichloroethene (total)	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	5
Carbon tetrachloride	ND	5
Bromodichloromethane	ND	5
1,2-Dichloropropane	ND	5
cis-1,3-Dichloropropene	ND	5
Trichloroethene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
Benzene	ND	5

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"Analytical Chemistry for Environmental Management"

TARGET COMPOUND LIST

VOLATILE ORGANICS

EPA Method 624/8240

Client: Environmental Risk Ltd.

Client Sample ID: SS-2 2-4'

Laboratory ID: 930696-05

Target Analyte	Sample Concentration	Method Reporting Limits
trans-1,3-Dichloropropene	ND	5
Bromoform	ND	5
4-Methyl-2-pentanone	ND	10
2-Hexanone	ND	10
1,1,2,2-Tetrachloroethane	ND	5
Tetrachloroethene	ND	5
Toluene	ND	5
Chlorobenzene	ND	5
Ethyl benzene	ND	5
Styrene	ND	5
Xylene (total)	ND	5

ND = Not detected

Reported by: HDF

Approved by: 

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"Analytical Chemistry for Environmental Management"

TARGET COMPOUND LIST

VOLATILE ORGANICS

EPA Method 624/8240

Client: Environmental Risk Ltd.

Client Sample ID: SS-3 2-4'

Laboratory ID: 930696-06

Date Sample Received: 10/09/93

Date Sample Prepared: 10/13/93

Date Sample Analyzed: 10/13/93

Concentration in: $\mu\text{g}/\text{kg}$ (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene chloride	ND	5
Acetone	ND	10
Carbon disulfide	ND	5
1,1-Dichloroethene	ND	5
1,1-Dichloroethane	ND	5
1,2-Dichloroethene (total)	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	5
Carbon tetrachloride	ND	5
Bromodichloromethane	ND	5
1,2-Dichloropropane	ND	5
cis-1,3-Dichloropropene	ND	5
Trichloroethene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
Benzene	ND	5

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"Analytical Chemistry for Environmental Management"

TARGET COMPOUND LIST

VOLATILE ORGANICS

EPA Method 624/8240

Client: Environmental Risk Ltd.

Client Sample ID: SS-3 2-4'

Laboratory ID: 930696-06

Target Analyte	Sample Concentration	Method Reporting Limits
trans-1,3-Dichloropropene	ND	5
Bromoform	ND	5
4-Methyl-2-pentanone	ND	10
2-Hexanone	ND	10
1,1,2,2-Tetrachloroethane	ND	5
Tetrachloroethene	ND	5
Toluene	ND	5
Chlorobenzene	ND	5
Ethyl benzene	ND	5
Styrene	ND	5
Xylene (total)	ND	5

ND = Not detected

Reported by: HDF

Approved by: AK

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"Analytical Chemistry for Environmental Management"

TARGET COMPOUND LIST

VOLATILE ORGANICS

EPA Method 624/8240

Client: Environmental Risk Ltd.

Client Sample ID: SS-3 6-8'

Laboratory ID: 930696-07

Date Sample Received: 10/09/93

Date Sample Prepared: 10/13/93

Date Sample Analyzed: 10/13/93

Concentration in: $\mu\text{g}/\text{kg}$ (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene chloride	15	5
Acetone	ND	10
Carbon disulfide	ND	5
1,1-Dichloroethene	ND	5
1,1-Dichloroethane	ND	5
1,2-Dichloroethene (total)	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	5
Carbon tetrachloride	ND	5
Bromodichloromethane	ND	5
1,2-Dichloropropane	ND	5
cis-1,3-Dichloropropene	ND	5
Trichloroethene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
Benzene	ND	5

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"Analytical Chemistry for Environmental Management"

TARGET COMPOUND LIST

VOLATILE ORGANICS

EPA Method 624/8240

Client: Environmental Risk Ltd.

Client Sample ID: SS-3 6-8'

Laboratory ID: 930696-07

Target Analyte	Sample Concentration	Method Reporting Limits
trans-1,3-Dichloropropene	ND	5
Bromoform	ND	5
4-Methyl-2-pentanone	ND	10
2-Hexanone	ND	10
1,1,2,2-Tetrachloroethane	ND	5
Tetrachloroethene	ND	5
Toluene	ND	5
Chlorobenzene	ND	5
Ethyl benzene	ND	5
Styrene	ND	5
Xylene (total)	ND	5

ND = Not detected

Reported by: HDF

Approved by: AK

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"Analytical Chemistry for Environmental Management"

TARGET COMPOUND LIST

VOLATILE ORGANICS

EPA Method 624/8240

Client: Environmental Risk Ltd.

Client Sample ID: SS-4 4-6'

Laboratory ID: 930696-08

Date Sample Received: 10/09/93

Date Sample Prepared: 10/12/93

Date Sample Analyzed: 10/13/93

Concentration in: $\mu\text{g}/\text{kg}$ (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene chloride	160	5
Acetone	ND	10
Carbon disulfide	ND	5
1,1-Dichloroethene	ND	5
1,1-Dichloroethane	ND	5
1,2-Dichloroethene (total)	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	5
Carbon tetrachloride	ND	5
Bromodichloromethane	ND	5
1,2-Dichloropropane	ND	5
cis-1,3-Dichloropropene	ND	5
Trichloroethene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
Benzene	ND	5

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"Analytical Chemistry for Environmental Management"

TARGET COMPOUND LIST

VOLATILE ORGANICS

EPA Method 624/8240

Client: Environmental Risk Ltd.

Client Sample ID: SS-4 4-6'

Laboratory ID: 930696-08

Target Analyte	Sample Concentration	Method Reporting Limits
trans-1,3-Dichloropropene	ND	5
Bromoform	ND	5
4-Methyl-2-pentanone	ND	10
2-Hexanone	ND	10
1,1,2,2-Tetrachloroethane	ND	5
Tetrachloroethene	ND	5
Toluene	ND	5
Chlorobenzene	ND	5
Ethyl benzene	ND	5
Styrene	ND	5
Xylene (total)	11	5

ND = Not detected

Reported by: HDF

Approved by: 

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"Analytical Chemistry for Environmental Management"

TARGET COMPOUND LIST

VOLATILE ORGANICS

EPA Method 624/8240

Client: Environmental Risk Ltd.

Client Sample ID: SS-4 6-8'

Laboratory ID: 930696-09

Date Sample Received: 10/09/93

Date Sample Prepared: 10/12/93

Date Sample Analyzed: 10/13/93

Concentration in: $\mu\text{g}/\text{kg}$ (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene chloride	29	5
Acetone	ND	10
Carbon disulfide	ND	5
1,1-Dichloroethene	ND	5
1,1-Dichloroethane	ND	5
1,2-Dichloroethene (total)	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	5
Carbon tetrachloride	ND	5
Bromodichloromethane	ND	5
1,2-Dichloropropane	ND	5
cis-1,3-Dichloropropene	ND	5
Trichloroethene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
Benzene	ND	5

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"Analytical Chemistry for Environmental Management"

TARGET COMPOUND LIST

VOLATILE ORGANICS

EPA Method 624/8240

Client: Environmental Risk Ltd.

Client Sample ID: SS-4 6-8'

Laboratory ID: 930696-09

Target Analyte	Sample Concentration	Method Reporting Limits
trans-1,3-Dichloropropene	ND	5
Bromoform	ND	5
4-Methyl-2-pentanone	ND	10
2-Hexanone	ND	10
1,1,2,2-Tetrachloroethane	ND	5
Tetrachloroethene	ND	5
Toluene	ND	5
Chlorobenzene	ND	5
Ethyl benzene	ND	5
Styrene	ND	5
Xylene (total)	7	5

ND = Not detected

Reported by: HDF

Approved by: AK

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"Analytical Chemistry for Environmental Management"

TARGET COMPOUND LIST

VOLATILE ORGANICS

EPA Method 624/8240

Client: Environmental Risk Ltd.

Client Sample ID: SS-5 0-2'

Laboratory ID: 930696-10

Date Sample Received: 10/09/93

Date Sample Prepared: 10/12/93

Date Sample Analyzed: 10/13/93

Concentration in: $\mu\text{g}/\text{kg}$ (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene chloride	51	5
Acetone	ND	10
Carbon disulfide	ND	5
1,1-Dichloroethene	ND	5
1,1-Dichloroethane	ND	5
1,2-Dichloroethene (total)	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	5
Carbon tetrachloride	ND	5
Bromodichloromethane	ND	5
1,2-Dichloropropane	ND	5
cis-1,3-Dichloropropene	ND	5
Trichloroethene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
Benzene	ND	5

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TARGET COMPOUND LIST

VOLATILE ORGANICS

EPA Method 624/8240

Client: Environmental Risk Ltd.

Client Sample ID: SS-5 0-2'

Laboratory ID: 930696-10

Target Analyte	Sample Concentration	Method Reporting Limits
trans-1,3-Dichloropropene	ND	5
Bromoform	ND	5
4-Methyl-2-pentanone	ND	10
2-Hexanone	ND	10
1,1,2,2-Tetrachloroethane	ND	5
Tetrachloroethene	ND	5
Toluene	ND	5
Chlorobenzene	ND	5
Ethyl benzene	ND	5
Styrene	ND	5
Xylene (total)	ND	5

ND = Not detected

Reported by: HDF

Approved by: 

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"Analytical Chemistry for Environmental Management"

TARGET COMPOUND LIST

VOLATILE ORGANICS

EPA Method 624/8240

Client: Environmental Risk Ltd.

Client Sample ID: SS-6 2-4'

Laboratory ID: 930696-11

Date Sample Received: 10/09/93

Date Sample Prepared: 10/12/93

Date Sample Analyzed: 10/13/93

Concentration in: $\mu\text{g}/\text{kg}$ (ppb)

Target Analyte	Sample Concentration	Method Reporting Limits
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene chloride	12	5
Acetone	ND	10
Carbon disulfide	ND	5
1,1-Dichloroethene	ND	5
1,1-Dichloroethane	ND	5
1,2-Dichloroethene (total)	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	5
Carbon tetrachloride	ND	5
Bromodichloromethane	ND	5
1,2-Dichloropropane	ND	5
cis-1,3-Dichloropropene	ND	5
Trichloroethene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
Benzene	ND	5

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"Analytical Chemistry for Environmental Management"

TARGET COMPOUND LIST

VOLATILE ORGANICS

EPA Method 624/8240

Client: Environmental Risk Ltd.

Client Sample ID: SS-6 2-4'

Laboratory ID: 930696-11

Target Analyte	Sample Concentration	Method Reporting Limits
trans-1,3-Dichloropropene	ND	5
Bromoform	ND	5
4-Methyl-2-pentanone	ND	10
2-Hexanone	ND	10
1,1,2,2-Tetrachloroethane	ND	5
Tetrachloroethene	ND	5
Toluene	ND	5
Chlorobenzene	ND	5
Ethyl benzene	ND	5
Styrene	ND	5
Xylene (total)	ND	5

ND = Not detected

Reported by: HDF

Approved by: AK

TABLE I
 UNKAMET BROOK SEDIMENT INVESTIGATION
 BOG AREA SAMPLING CORES
 ANALYTICAL RESULTS

SAMPLE I.D.	LAYER I.D.	% SOLIDS	ppm-dry weight			
			PCB 1242	PCB 1254	PCB 1260	CHLORO- BENZENE
C6	1	33.0	<1	<1	<1	<1
	2	60.9	<1	<1	<1	<1
C4	1	48.5	2.5	3.1	12.8	<1
	2	40.2	<1	<1	<1	<1
C2	1	39.8	2.8	3.8	12.8	<1
	2	31.6	<1	<1	<1	<1
F6	1	31.1	<1	51.5	22.9	<1
	2	61.9	2.6	2.3	<1	<1
	3	29.5	<1	<1	<1	<1
	4	56.1	<1	<1	<1	<1
F4	1	48.7	71.9	18.7	22.6	4.7
	2	32.9	9.1	4.3	4.3	4.9
	3	24.6	<1	<1	<1	<1
F2	1	45.1	4.9	6.7	12.9	<1
	2	29.6	4.4	3.7	10.8	<1
G4	1	47.1	6.6	3.8	3.8	5.5
	2	38.5	<1	<1	<1	<1
GH5	1	50.2	35.8	9.6	8.4	<1
	2	47.8	6.3	<1	<1	<1
	3	23.7	<1	<1	<1	<1
H4	1	37.4	3.4	3.7	5.4	<1
	2	34.8	<1	<1	<1	4.3
	3	64.1	<1	<1	<1	<1
H6	1	63.0	<1	<1	2.9	<1
	2	34.9	<1	<1	<1	<1
I2	1	69.8	1.9	8.9	18.9	<1
	2	75.4	1.5	<1	<1	<1
	3	58.1	<1	<1	<1	<1
K4	1	72.8	1.9	11.4	13.6	<1
	2	53.9	2.2	3.9	4.5	<1
K6	1	32.6	<1	<1	<1	<1
	2	66.7	<1	<1	<1	<1
L3	1	61.4	<1	<1	<1	<1
	2	52.8	22.7	32.2	58.7	<1
	3	67.7	3.8	7.2	10.9	3.4
	4	46.4	<1	<1	<1	21.1
R4	1	47.8	19.3	9.0	9.8	<1
	2	38.6	7.5	5.4	5.2	<1
	3	66.7	<1	<1	<1	<1
R6	1	55.5	5.8	3.4	8.1	<1
	2	48.4	37.2	17.6	17.6	<1
	3	28.3	<1	4.2	8.5	42.5
	4	64.5	<1	<1	<1	<1
U7	1	47.7	10.3	2.5	3.4	<1
	2	51.6	46.5	104	87.1	<1
	3	31.7	14.5	6.3	11.7	18.9
	4	20.4	<1	<1	<1	54.0

*Layer I.D. represents sequence of layers from top to bottom

TABLE II

UNKAMET BROOK SEDIMENT INVESTIGATION

STREAM CHANNEL SAMPLING STATIONS

ANALYTICAL RESULTS

STATION * I.D.	LAYER ** I.D.	ppm-dry weight					CHLORO- BENZENE	BTX/VHO SCANS
		% SOLIDS	PCB 1242	PCB 1254	PCB 1260			
2	1	89.2	<1	<1	<1	<1	NA	
	2	83.7	<1	<1	<1	<1	NA	
	3	85.9	<1	<1	<1	<1	NA	
7	1	70.5	<1	<1	2.1	4.2	<1	
	2	84.3	<1	<1	<1	<1	<1	
	3	86.1	<1	<1	<1	<1	<1	
12	1	71.9	4.6	5.4	3.5	<1	NA	
	2	50.9	<1	<1	<1	<1	NA	
	3	80.2	<1	<1	<1	<1	NA	
13	1	63.1	<1	<1	2.4	<1	NA	
	2	71.1	<1	<1	<1	<1	NA	
	3	81.5	<1	<1	<1	<1	NA	
14	1	49.2	<1	3.7	19.1	<1	<1	
	2	39.7	<1	5.8	10.6	5.3	<1	
	3	80.2	<1	<1	<1	<1	<1	
15	1	53.6	18.7	7.6	29.8	<1	NA	
	2	45.1	10.6	26.6	24.4	<1	NA	
	3	29.9	9.4	17.1	26.8	<1	NA	
16	1	68.7	21.8	13.7	21.8	<1	NA	
	2	46.0	3.5	2.2	9.8	<1	NA	
	3	51.3	12.1	9.0	37.0	<1	NA	
17	1	78.3	15.3	<1	11.5	<1	<1	
	2	63.6	23.6	5.5	22.0	<1	<1	
	3	67.7	<1	<1	<1	2.8	<1	
18	1	82.1	1.9	<1	3.3	<1	NA	
	2	62.4	17.6	1.9	13.3	<1	NA	
	3	26.4	110	11.7	5.7	<1	NA	
	4	67.0	16.3	2.5	9.0	<1	NA	
	5	62.8	<1	<1	<1	<1	NA	
24	1	81.6	2.1	2.1	3.3	<1	NA	
	2	69.2	5.8	3.6	10.1	<1	NA	
	3	62.8	<1	<1	<1	<1	NA	
25	1	90.6	1.2	1.4	6.7	<1	NA	
	2	80.7	<1	<1	4.7	<1	NA	
	3	70.9	<1	<1	<1	<1	NA	
26	1	68.0	6.5	5.4	10.6	<1	<1	
	2	69.8	10.3	31.5	14.3	<1	<1	
	3	69.9	6.7	17.2	7.4	3.4	2.2 ***	
	4	71.7	13.4	5.2	10.5	<1	<1	
	5	80.0	9.1	162	47.5	5.1	<1	
27	1	74.8	5.2	<1	10.0	<1	<1	
	2	36.9	46.0	7.0	4.9	4.8	<1	
	3	56.0	<1	<1	<1	<1	<1	
	4	75.9	72.5	10.0	14.5	7.4	<1	
	5	71.6	10.9	8.4	6.0	12.8	<1	
28	1	61.1	3.1	1.8	4.3	4.1	NA	
	2	47.8	50.2	31.4	18.0	7.5	<1	
	3	32.1	<1	<1	<1	3.7	<1	

STATION* I.D.	LAYER** I.D.	% SOLIDS	ppm-dry weight			CHLORO- BENZENE	BTX/VHO SCANS
			PCB 1242	PCB 1254	PCB 1260		
29	1	58.3	30.9	13.2	11.2	<1	NA
	2	36.7	<1	<1	<1	<1	NA
	3	60.8	<1	<1	<1	<1	NA
30	1	63.2	45.9	15.8	14.4	<1	NA
	2	57.8	13.0	17.3	15.0	<1	NA
	3	44.9	15.2	12.5	16.0	<1	NA
	4	68.4	<1	<1	<1	<1	NA
31	1	58.7	30.6	35.8	20.4	10.7	<1
	2	38.9	20.8	30.9	28.3	24.2	<1
	3	64.1	<1	<1	<1	<1	<1
32	1	57.5	130	118	173	5.3	NA
	2	62.0	32.3	19.4	24.2	<1	NA
33	1	55.0	92.8	181	116	<1	<1
	2	39.9	37.0	62.6	37.6	<1	<1
	3	31.9	37.7	50.2	47.1	<1	<1
34	1	61.2	29.4	21.2	13.1	<1	NA
	2	58.1	117	72.3	55.1	<1	NA
	3	59.5	<1	<1	<1	<1	NA
35	1	66.7	4.5	6.0	16.5	<1	NA
	2	57.9	58.7	52.5	134	2.2	NA
	3	61.8	30.8	30.8	22.7	<1	NA
	4	85.1	14.1	5.9	56.4	<1	NA
36	1	62.8	65.3	31.8	43.0	<1	<1
	2	60.2	139	51.5	166	<1	<1
	3	49.9	96.3	58.2	142	<1	<1
	4	35.2	56.9	37.0	73.9	<1	<1
37	1	65.2	<1	9.2	9.2	<1	NA
	2	72.3	<1	9.7	13.8	<1	NA
	3	44.4	<1	6.8	4.5	<1	NA
38	1	70.4	<1	2.8	2.8	<1	NA
	2	64.7	<1	28.2	55.0	<1	NA
39	1	74.5	<1	<1	2.7	<1	NA
	2	64.1	<1	1.6	4.7	<1	NA
	3	62.7	<1	30.3	27.1	<1	NA
	4	30.2	<1	<1	<1	<1	NA
40	1	82.3	<1	<1	1.2	<1	NA
	2	77.0	<1	<1	2.6	<1	NA
	3	54.1	<1	16.6	14.8	<1	NA
	4	34.3	<1	<1	<1	<1	NA
41	1	77.6	<1	<1	<1	<1	NA
	2	74.3	<1	<1	<1	<1	NA
	3	82.1	<1	<1	1.2	<1	NA
	4	64.7	<1	<1	<1	<1	NA
44	1	25.9	<1	3.8	3.8	<1	NA
	2	42.7	<1	<1	<1	<1	NA
	3	21.5	<1	<1	<1	<1	NA

*Station I.D. represents distances at 100 ft. intervals along brook profile

**Layer I.D. represents sequence of layers from top to bottom







***Methylene Chloride

Note: NA = not analyzed

BTX/VHO SCANS INCLUDE:

Benzene	1,1,1 - Trichloroethane
Toluene	Trichloroethylene
m-Xylene	Freon-12
Methylene chloride	Tetrachloroethylene

BOG AREA SEDIMENT CORES

		PCBs (ppm)			CHLOROBENZENE (ppm)
		1242	1254	1260	
C2		2.8	3.8	12.8	<1
		<1	<1	<1	<1
C4		2.5	3.1	12.8	<1
		<1	<1	<1	<1
C6		<1	<1	<1	<1
		<1	<1	<1	<1

C2

985.80'



C4

986.19'












C6

985.75'



BOG AREA SEDIMENT CORES

		PCBs (ppm)			CHLOROBENZENE (ppm)
		1242	1254	1260	
F2		4.9	6.7	12.9	<1
		4.4	3.7	10.8	<1
F4		71.9	18.7	22.6	4.7
		9.1	4.3	4.3	4.9
		<1	<1	<1	<1
F6		<1	51.5	22.9	<1
		2.6	2.3	<1	<1
		<1	<1	<1	<1
		<1	<1	<1	<1

F2

986.10'



F4

986.19'



F6

985.83'



BOG AREA SEDIMENT CORES

		PCBs (ppm)			CHLOROBENZENE (ppm)
		1242	1254	1260	
G4		6.6	3.8	3.8	5.5
		<1	<1	<1	<1
GH5		35.8	9.6	8.4	<1
		6.3	<1	<1	<1
		<1	<1	<1	<1
H4		3.4	3.7	5.4	<1
		<1	<1	<1	4.3
		<1	<1	<1	<1
H6		<1	<1	2.9	<1
		<1	<1	<1	<1

G4

985.54'



GH5

985.69'



H4

986.01'














H6

986.59'



BOG AREA SEDIMENT CORES

		PCBs (ppm)			CHLOROBENZENE (ppm)
		1242	1254	1260	
I2		1.9	8.9	18.9	<1
		1.5	<1	<1	<1
		<1	<1	<1	<1
L3		<1	<1	<1	<1
		22.7	32.2	58.7	<1
		3.8	7.2	10.9	3.4
		<1	<1	<1	21.1
U7		10.3	2.5	3.4	<1
		46.5	104	87.1	<1
		14.5	6.3	11.7	18.9
		<1	<1	<1	54.0

I2

987.64'



L3

986.59'



U7

985.95'



BOG AREA SEDIMENT CORES

		PCBs (ppm)			CHLOROBENZENE (ppm)
		1242	1254	1260	
K4		1.9	11.4	13.6	<1
		2.2	3.9	4.5	<1
K6		<1	<1	<1	<1
		<1	<1	<1	<1
R4		19.3	9.0	9.8	<1
		7.5	5.4	5.2	<1
		<1	<1	<1	<1
R6		5.8	3.4	8.1	<1
		37.2	17.6	17.6	<1
		<1	4.2	8.5	42.5
		<1	<1	<1	<1

K4

987.58'



K6

986.25'



R4

985.94'



R6

986.30'



Figure A-1

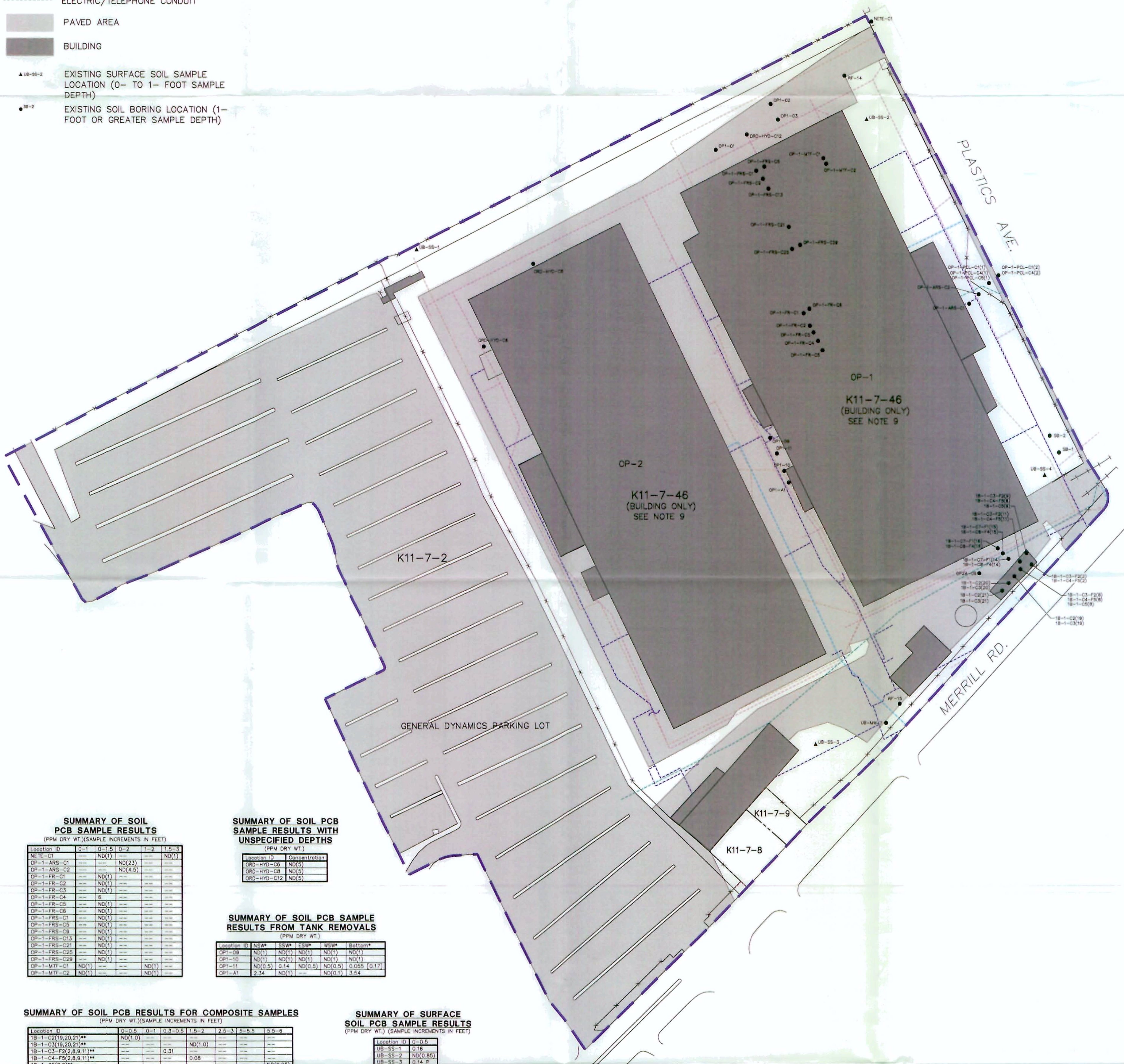
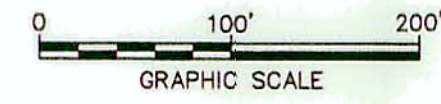
West Area – Existing Soil Sample Locations

LEGEND:

- PORTION OF REMOVAL ACTION AREA SHOWN ON THIS FIGURE
- FENCE
- PROPERTY LINE
- K11-7-8** PROPERTY IDENTIFICATION
- RAILROAD TRACK
- STORM SEWER
- SANITARY SEWER
- WATER MAIN
- FIRE PROTECTION MAIN
- NATURAL GAS MAIN
- ELECTRIC/TELEPHONE CONDUIT
- PAVED AREA
- BUILDING
- EXISTING SURFACE SOIL SAMPLE LOCATION (0- TO 1- FOOT SAMPLE DEPTH)
- EXISTING SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)

NOTES:

1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS. ADDITIONALLY, CONSTRUCTION PLANS PROVIDED BY GENERAL ELECTRIC COMPANY WERE USED.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. EXTENT OF PAVED/UNPAVED AREAS IS APPROXIMATE.
4. TAX ASSESSOR'S PARCEL IDENTIFICATION NUMBERS AND BOUNDARY INFORMATION OBTAINED FROM CITY OF PITTSFIELD'S TAX ASSESSOR'S OFFICE AND IS CURRENT THROUGH SEPTEMBER 20, 2002.
5. ALL LOCATIONS ARE APPROXIMATE.
6. SAMPLES OP1-01 THROUGH OP1-03 WERE ANALYZED FOR TPHS AND VOLATILE ORGANIC COMPOUNDS (VOCs) ONLY. OP2A-09 WAS ANALYZED FOR INORGANICS ONLY.
7. BUILDINGS OP-1 AND OP-2 MAKE-UP PARCEL K11-7-46 WHILE THE LAND THESE BUILDINGS ARE CONSTRUCTED ON IS PART OF PARCEL K11-7-2.



SUMMARY OF SOIL PCB SAMPLE RESULTS
(PPM DRY WT.) (SAMPLE INCREMENTS IN FEET)

Location ID	0-1	1-0.5	0.5-2	2-2	1.5-
NEE-C1	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-ARS-C1	ND(23)	ND(23)	ND(23)	ND(23)	ND(23)
OP-1-ARS-C3	ND(4.5)	ND(4.5)	ND(4.5)	ND(4.5)	ND(4.5)
OP-1-FR-C1	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C2	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C4	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C5	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C7	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C8	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C9	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C10	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C11	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C12	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C13	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C14	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C15	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C16	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C17	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C18	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C19	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C20	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C21	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C22	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C23	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C24	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C25	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C26	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C27	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C28	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C29	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-FR-C30	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-MTR-C1	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP-1-MTR-C2	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)

SUMMARY OF SOIL PCB SAMPLE RESULTS WITH UNSPECIFIED DEPTHS
(PPM DRY WT.)

Location ID	Concentration
ZRD-HYO-C6	ND(0)
ZRD-HYO-C8	ND(0)
ZRD-HYO-C12	ND(0)

SUMMARY OF SOIL PCB SAMPLE RESULTS FROM TANK REMOVALS
(PPM DRY WT.)

Location ID	NSW*	SSW*	ESW*	WSW*	Bottom*
OP1-09	ND(1)	ND(0)	ND(0)	ND(0)	ND(1)
OP1-10	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
OP1-11	ND(0.5)	0.14	ND(0.5)	ND(0.5)	0.055 [0.17]
OP1-AT	2.34	ND(1)	ND(1)	ND(0.1)	3.64

SUMMARY OF SOIL PCB RESULTS FOR COMPOSITE SAMPLES
(PPM DRY WT.) (SAMPLE INCREMENTS IN FEET)

Location ID	0-0.5	0.5-1	1-1.5	1.5-2	2-2.5	2.5-3	3-3.5	3.5-4	4-4.5	4.5-5	5-5.5	5.5-6
1B-1-C2(19,20,21)**	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
1B-1-C3(19,20,21)**	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
1B-1-C3-P2(2,6,9,11)**	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
1B-1-C4-P2(2,6,9,11)**	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
1B-1-C5(6,9)**	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.05)
1B-1-C7-P1(14,15,16)**	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
1B-1-C8-P4(14,15,16)**	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
OP-1-PCL-C4(1,2,3,4,5,6,7,8)**	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
OP-1-PCL-C5(3,6)**	ND(0.03)	ND(0.03)	ND(0.03)	ND(0.03)	ND(0.03)	ND(0.03)	ND(0.03)	ND(0.03)	ND(0.03)	ND(0.03)	ND(0.03)	ND(0.03)

SUMMARY OF SURFACE SOIL PCB SAMPLE RESULTS
(PPM DRY WT.) (SAMPLE INCREMENTS IN FEET)

Location ID	0-0.5
UB-SS-1	0.16
UB-SS-2	ND(0.85)
UB-SS-3	0.14 P
UB-SS-4	14.0 P

SUMMARY OF SOIL BORING PCB SAMPLE RESULTS
(PPM DRY WT.) (SAMPLE INCREMENTS IN FEET)

Location ID	0-0.5	0.5-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-22	22-24
RF-14	ND(0.05)	0.15	0.08	0.29	0.2	0.9	ND(0.05)	ND(0.05)	0.11	0.38	0.15	0.05	0.05
RF-15	ND(0.05)	ND(0.05)	ND(0.05)	0.31	ND(0.05)	0.71	ND(0.05)	0.076	ND(0.05)	0.35	ND(0.05)	0.05	0.05
SB-1	ND(1.2)	ND(1.1)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.1)	ND(1.1)	ND(1.2)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)
SB-2	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.0)	ND(1.0)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)
UB-MW-7	0.57	0.026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

- TABLE NOTES:**
1. --- = No sample collected
 2. ND(0.05) = Not detected. Detection limit in parenthesis, (if available)
 3. [0.076] = Duplicate analysis result shown in brackets
 4. P = The analysis is detected in the sample. The percent differences calculated from two dissimilar GC columns is greater than 25%. The value should be considered estimated.
 5. The numbers in parentheses in the Location IDs indicate the sample locations that comprise the composite sample
 6. * indicates the location where samples were collected in excavation area:
NSW = North sidewall
SSW = South sidewall
ESW = East sidewall
WSW = West sidewall
Bottom = Bottom of excavation
 7. ** = Locations composing this composite sample are in parentheses. If all composite sample locations are not shown on this figure, Refer to figure A-2 for additional composite sample locations.

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PRE-DESIGN INVESTIGATION WORK PLAN
FOR UNKAMET BROOK AREA
**WEST AREA - EXISTING PCB AND
APPENDIX IX+3 SOIL SAMPLE
LOCATIONS AND PCB DATA**

FIGURE
A-1

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Figure A-2

North Area – Existing Soil Sample Locations

Figure A-2 (b)

***Existing Soil Sample Locations
(Data Insert)***

SUMMARY OF SECURITY FENCELINE SOIL PCB SAMPLE RESULTS

(PPM DRY WT.)
(SAMPLE INCREMENTS IN FEET)

Location ID	0-3
NSF-1	2.8
NSF-2	200
NSF-3	600
NSF-4	120
NSF-5	760
NSF-6	530
NSF-7	1,100
NSF-8	630
NSF-9	590
NSF-10	84
NSF-11	73
NSF-12	190
NSF-13	240
NSF-14	440
NSF-15	8.1
NSF-16	12
NSF-17	7.3
NSF-18	5
NSF-19	5.1
NSF-20	11
NSF-21	27
NSF-22	29
NSF-23	25
NSF-24	8.6
NSF-25	8.6
NSF-26	1.7
NSF-27	ND(1.0)
NSF-28	2
NSF-29	ND(1.0)
NSF-30	ND(1.0)
NSF-31	ND(1.0)
NSF-32	ND(1.0)
NSF-33	ND(1.0)
NSF-34	ND(1.0)
NSF-35	ND(1.0)
NSF-36	ND(1.0)
NSF-37	ND(1.0)
NSF-38	ND(1.0)
NSF-39	ND(1.0)
NSF-40	ND(1.0)
NSF-41	ND(1.0)
NSF-42	ND(1.0)
NSF-43	ND(1.0)
NSF-44	ND(1.0)
NSF-45	ND(1.0)
NSF-46	1.1
NSF-47	ND(1.0)
NSF-48	11
NSF-49	ND(1.0)
NSF-50	ND(1.0)
NSF-51	ND(1.0)
NSF-52	ND(1.0)
NSF-53	ND(1.0)
NSF-54	ND(1.0)

SUMMARY OF SOIL AND SEDIMENT PCB SAMPLE RESULTS

(PPM DRY WT.)
(SAMPLE INCREMENTS IN FEET)

Location ID	0-2	2-4
51-1-C1	1.4	--
51-1-C2	2.9	--
51-1-C3	0.07	--
51-1-C4	ND(0.05)	--
51-1-C5	0.06	--
51-1-C6	0.08	--
51-1-C7	ND(0.05)	--
51-1-C8	ND(0.05)	ND(0.05)
51-1-C9	ND(0.05)	ND(0.05)
51-1-C10	ND(0.05)	--
51-1-C11	0.13	--
51-1-C12	ND(0.05)	--
51-1-C13	ND(0.05)	--
51-1-C14	ND(0.05)	--
51-1-C15	ND(0.05)	--
51-1-C16	ND(0.05)	--
51-1-C17	ND(0.05)	--
51-1-C18	ND(0.05)	--
51-1-C19	0.07	--
51-1-C20	0.05	--
51-1-C21	ND(0.05)	--
BLDG-130-EP-C1	ND(0.06)	--
BLDG-130-EP-C2	ND(0.06)	--
BLDG-130-EP-C3	ND(0.06)	--
BLDG-130-EP-C4	ND(0.06)	--
BLDG-130-EP-C5	ND(0.06)	--
BLDG-130-EP-C6	ND(0.06)	--
BLDG-130-EP-C7	ND(0.06)	--
BLDG-130-EP-C8	ND(0.06)	--
BLDG-130-EP-C9	ND(0.06)	--
BLDG-130-EP-C10	ND(0.06)	--
ELTR-1	ND(1)	--
ELTR-2	ND(1)	--
ELTR-3	ND(1)	--
ELTR-4	ND(1)	--
ELTR-5	1.5	--
ELTR-6	2.2	--
ELTR-7	ND(1)	--
ELTR-8	ND(1)	--
ELTR-9	ND(1)	--
ELTR-10	ND(1)	--
ELTR-11	3	--
ELTR-12	ND(1)	--
ELTR-13	ND(1)	--
ELTR-14	ND(1)	--
ELTR-15	ND(1)	--
ELTR-16	ND(1)	--
ELTR-17	ND(1)	--
ELTR-18	ND(1)	--
ELTR-19	4.8	--
PB-C1	1.4	--
PB-C2	ND(0.06)	--
PL-125-PB-C1	1.9	--
PL-125-PB-C2	ND(0.06)	--
PL-125-PB-C3	ND(0.06)	--
PL-125-PB-C4	ND(0.06)	--
PL-125-PB-C5	ND(0.06)	--
PL-125-PB-C6	ND(0.06)	--
PL-125-PB-C7	3.8	--
SE-1	19.0 [27.0]	--
SE-2	250	--

SUMMARY OF SOIL PCB SAMPLE RESULTS WITH UNSPECIFIED DEPTHS

(PPM DRY WT.)

Location ID	Concentration
L-1	ND(1)
L-2	ND(1)
L-3	ND(1)
L-3A	ND(1)
L-4	ND(1)
L-5	ND(1)
L-6	ND(1)
L-7	ND(1)
L-8	ND(1)
L-9	ND(1)
L-10	ND(1)
L-11	ND(1)
L-12	0.5
L-13	2
L-14	3.6
L-15	ND(1)
L-16	ND(1)
L-17	5.4
L-18	2.71
L-19	ND(1)
L-20	ND(1)
L-21	ND(1)
L-22	5.8
L-23	1.8
L-24	3.3
L-25	0.5
L-26	ND(1)
L-27	ND(1)
L-28	ND(1)
L-29	ND(1)
L-30	ND(1)
L-31	ND(1)
L-32	ND(1)
L-33	ND(1)
L-34	ND(1)
L-35	ND(1)
L-36	4.6
L-37	ND(1)
L-38	ND(1)
ST-4	ND(0.05)
ST-4	ND(0.05)
ST-5	ND(0.05)
ST-5	ND(0.05)
TA (Note 7)	ND(1)
TB1 (Note 7)	ND(1)
TB2 (Note 7)	ND(1)
TB3 (Note 7)	ND(1)
TB4 (Note 7)	ND(1)
TB5 (Note 7)	ND(1)
TB6 (Note 7)	ND(1)
TC (Note 7)	ND(1)
TD (Note 7)	ND(1)
TE (Note 7)	ND(1)
X1 (Note 7)	ND(1)
X2 (Note 7)	ND(1)
X3 (Note 7)	ND(1)
X4 (Note 7)	ND(1)
X5 (Note 7)	ND(1)
X6 (Note 7)	ND(1)
X7 (Note 7)	ND(1)
X8 (Note 7)	ND(1)
X9 (Note 7)	ND(1)
X10 (Note 7)	ND(1)
X11 (Note 7)	ND(1)
X12 (Note 7)	ND(1)
X13 (Note 7)	ND(1)
X14 (Note 7)	ND(1)

SUMMARY OF BANK SOIL AND SEDIMENT PCB SAMPLE RESULTS

(PPM DRY WT.)
(SAMPLE INCREMENTS IN FEET)

Location ID	0-0.5	0.5-1.0
UB-IRA-1-C1	3.61 AG [1.39]	---
UB-IRA-1-L1	52.2	---
UB-IRA-1-R1	0.725	---
UB-IRA-2-L1	203	---
UB-IRA-2-R1	1.29	---
UB-IRA-3-C1	0.972	---
UB-IRA-3-L1	173	---
UB-IRA-3-R1	2.12	---
UB-IRA-4-C1	24.8	---
UB-IRA-4-L1	12.6	---
UB-IRA-4-R1	6.2	---
UB-IRA-5-C1	3.33	---
UB-IRA-5-L1	97.6	---
UB-IRA-5-R1	7.3	---
UB-IRA-6-C1	8.29	---
UB-IRA-6-L1	4.35	---
UB-IRA-6-R1	440	---
UB-IRA-7-C1	72.4	---
UB-IRA-7-L1	32.8	---
UB-IRA-7-R1	194	---
UB-IRA-8-C1	3.8	---
UB-IRA-8-L1	9.49 [9.23]	---
UB-IRA-8-R1	567	---
UB-IRA-9-C1	4.37	---
UB-IRA-9-L1	43.1	---
UB-IRA-9-R1	587	---
UB-IRA-10-C1	3.8	---
UB-IRA-10-L1	14.2	---
UB-IRA-10-R1	837	---
UB-IRA-11-C1	8.1	---
UB-IRA-11-L1	8.56	---
UB-IRA-11-R1	274	---
UB-IRA-12-C1	263	---
UB-IRA-12-L1	34.6	---
UB-IRA-12-R1	1,190	---
UB-IRA-13-C1	74.3	---
UB-IRA-13-L1	26.1	---
UB-IRA-13-R1	1,930	---
UB-IRA-14-C1	99.3	---
UB-IRA-14-L1	22.9	---
UB-IRA-14-R1	1,170 [528]	---
UB-IRA-15-C1	142	---
UB-IRA-15-L1	1,020	---
UB-IRA-15-R1	707	---
UB-IRA-16-C1	127	---
UB-IRA-16-L1	216	---
UB-IRA-16-R1	105,000	---
UB-IRA-17-C1	46.5	---
UB-IRA-17-L1	5.13	---
UB-IRA-17-R1	532	---
UB-IRA-18-L1	15.6	---
UB-IRA-18-R1	1,140	---
UB-IRA-19-C1	36.7	---
UB-IRA-19-L1	4.38	---
UB-IRA-19-R1	4,240	---
UB-IRA-20-C1	121	---
UB-IRA-20-R1	382	---
UB-IRA-21-C1	45.6	---
UB-IRA-21-L1	3.07	---
UB-IRA-21-R1	19.6	---
USW-1	360	180
USW-2	39.0	430

SUMMARY OF BOG AREA SEDIMENT PCB SAMPLE RESULTS

(PPM DRY WT.)
(SAMPLE INCREMENTS IN FEET)

Location ID	Depth	Conc.
C-2	0-0.58	19.4
C-2	0.58-2.5	<1
C-4	0-0.41	18.4
C-4	0.41-2.25	<1
C-6	0-1.5	<1
C-6	1.5-1.75	<1
F-2	0-0.33	24.5
F-2	0.33-2.67	18.9
F-4	0-0.33	113.2
F-4	0.33-0.83	17.7
F-4	0.83-2.58	<1
F-6	0-0.33	74.4
F-6	0.33-0.83	4.9
F-6	0.83-1.67	<1
F-6	1.67-2.5	<1
G-4	0-0.92	14.2
G-4	0.92-1.67	<1
GH-5	0-0.42	53.8
GH-5	0.42-1.08	6.3
GH-5	1.08-2.67	<1
H-4	0-0.33	12.5
H-4	0.33-2.37	<1
H-4	2.37-2.75	<1
H-6	0-1.0	2.9
H-6	1.0-2.92	<1
I-2	0-0.5	29.7
I-2	0.5-1.58	1.5
I-2	1.58-2.0	<1
K-4	0-0.33	26.9
K-4	0.33-2.0	10.6
K-6	0-2.0	<1
K-6	2.0-2.33	<1
L-3	0-0.42	<1
L-3	0.42-0.83	<1
L-3	0.83-1.58	113.6
L-3	1.58-2.0	<1
R-4	0-0.5	38.1
R-4	0.5-1.42	18.1
R-4	1.42-2.17	<1
R-6	0-0.58	17.3
R-6	0.58-1.0	72.4
R-6	1.0-1.75	12.7
R-6	1.75-2.25	<1
U-7	0-0.5	16.2
U-7	0.5-1.17	237.6
U-7	1.17-1.67	32.5
U-7	1.67-2.25	<1

SUMMARY OF SEDIMENT PCB SAMPLE RESULTS WITH UNSPECIFIED DEPTHS

(PPM DRY WT.)

Location ID	Sample ID	Concentration
27	Layer 1	15.2
27	Layer 2	57.9
27	Layer 3	<1
27	Layer 4	97.0
27	Layer 5	25.3
28	Layer 1	9.2
28	Layer 2	99.6
28	Layer 3	<1
29	Layer 1	55.3
29	Layer 2	<1
29	Layer 3	<1
30	Layer 1	76.1
30	Layer 2	46.1
30	Layer 3	43.7
30	Layer 4	<1
31	Layer 1	86.8
31	Layer 2	80.0
31	Layer 3	<1
32	Layer 1	421
32	Layer 2	75.9
33	Layer 1	389.8
33	Layer 2	137.8
33	Layer 3	135.0
34	Layer 1	63.7
34	Layer 2	244.4
34	Layer 3	<1
35	Layer 1	27.0
35	Layer 2	245.2
35	Layer 3	84.3
35	Layer 4	76.4
36	Layer 1	140.1
36	Layer 2	365.5
36	Layer 3	296.5
36	Layer 4	167.8
37	Layer 1	18.4
37	Layer 2	23.5
37	Layer 3	11.3
38	Layer 1	5.6
38	Layer 2	83.8
39	Layer 1	2.7
39	Layer 2	6.3
39	Layer 3	57.4
39	Layer 4	<1
40	Layer 1	1.2
40	Layer 2	2.6
40	Layer 3	31.4
40	Layer 4	<1
41	Layer 1	<1
41	Layer 2	<1
41	Layer 3	1.2
41	Layer 4	<1
S-1	S-1-ABC	0.31
S-2	S-2-ABC	54
S-3	S-3-ABCD	1.5

TABLE NOTES:

- = No sample collected.
- ND(0.05) = Not detected. Detection limit in parenthesis, (if available).
- [27.0] = Duplicate analysis result shown in brackets.
- AG = Aroclor 1260 was reported by Northeast Analytical Services as the best Aroclor match. The sample exhibits an altered PCB pattern.
- Locations for results located on this figure are shown on figure A-2a.
- Locations composing this composite sample are identified on figure A-2a with this location identifier.

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PRE-DESIGN INVESTIGATION WORK PLAN
FOR UNKAMET BROOK AREA
NORTH AREA - EXISTING
SOIL AND SEDIMENT
SAMPLE PCB DATA



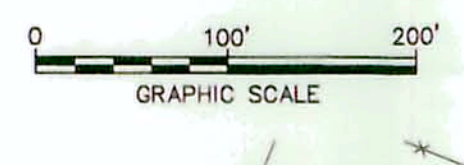
FIGURE
A-2b

Figure A-3

Existing Soil Sample Locations

- LEGEND:**
- PORTION OF REMOVAL ACTION AREA SHOWN ON THIS FIGURE
 - FENCE
 - PROPERTY LINE
 - L12-2-1 PROPERTY IDENTIFICATION
 - APPROXIMATE EDGE OF WATER
 - RAILROAD TRACK
 - 100-YEAR FLOODPLAIN BOUNDARY (DASHED WHERE INFERRED)
 - STORM SEWER
 - SANITARY SEWER
 - WATER MAIN
 - FIRE PROTECTION MAIN
 - NATURAL GAS MAIN
 - ELECTRIC/TELEPHONE CONDUIT
 - PAVED AREA
 - BUILDING
 - WATER
 - EXISTING SURFACE SOIL SAMPLE LOCATION (0- TO 1- FOOT SAMPLE DEPTH)
 - EXISTING SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)
 - EXISTING SEDIMENT SAMPLE LOCATION

- NOTES:**
1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM APRIL, 1990 AERIAL PHOTOGRAPHS. ADDITIONALLY, CONSTRUCTION PLANS PROVIDED BY GENERAL ELECTRIC COMPANY WERE USED.
 2. NOT ALL PHYSICAL FEATURES SHOWN.
 3. EXTENT OF PAVED/UNPAVED AREAS IS APPROXIMATE.
 4. 100-YEAR FLOODPLAIN BOUNDARY IS BASED ON FLOOD ELEVATION PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY "FLOOD INSURANCE STUDY - CITY OF PITTSFIELD, MASSACHUSETTS" JANUARY 19, 1987 AND "FLOOD INSURANCE RATE MAP - CITY OF PITTSFIELD, MASSACHUSETTS" (PANELS 20037 K010C AND 20037 0020D), FEBRUARY 19, 1982 AND 100-YEAR CONTOUR TOPOGRAPHIC MAPPING GENERATED PHOTOGRAMMETRICALLY IN 1990 AT A BASE SCALE OF 1:2,400.
 5. TAX ASSESSOR'S PARCEL IDENTIFICATION NUMBERS AND BOUNDARY INFORMATION OBTAINED FROM CITY OF PITTSFIELD'S TAX ASSESSOR'S OFFICE AND IS CURRENT THROUGH SEPTEMBER 20, 2002.
 6. ALL LOCATIONS ARE APPROXIMATE.
 7. THE FOLLOWING SAMPLES WERE ANALYZED FOR APPENDIX IX+3 CONSTITUENTS ONLY: SS-1-2, 3, 4, 5, 6, SAMPLE UB-SB-11 WAS ANALYZED FOR INORGANICS ONLY.



SUMMARY OF SURFACE SOIL AND SEDIMENT PCB SAMPLE RESULTS
(PPM DRY WT. (SAMPLE INCREMENTS IN FEET))

Location ID	0-0.5	0.5-1	1-1.5	1.5-2	2-2.5	2.5-3
UC0000A	ND(0.6)					
UC0000A	5.2					
UC0000A	8.4					
UC0000A	0.3					
UC0000A	ND(0.4)					
UC0000A	20					
UC0000A	4.1					
UC0000A	ND(0.8)					
UC0000A	9.1					
UC0000A	4.9					
UC0000A	23					
UC0000A	18					
UC0000A	3.9					
UC0000A	1.3					
UC0000A	18					
UC0000A	4.2					
UC0000A	3.5					
UC0000A	23					
UC0000A	11					
UC0000A	4.5					
UC0000A	22					
UC0000A	10					
UC0000A	2.4					
UC0000A	9.3					
UC0000A	27					
UC0000A	2.9					
UC0000A	7.4					
UC0000A	0.8					
UC0000A	1.2					
UC0000A	1.5					
UC0000A	10					
UC0000A	3.5					
UC0000A	38					
UC0000A	3					
UC0000A	1.3					
UC0000A	15					
UC0000A	2.1					
UC0000A	ND(0.3)					
UC0000A	13					
UC0000A	2.4					
UC0000A	1.5					
UC0000A	2.8					
UC0000A	ND(0.8)					
UC0000A	24					
UC0000A	4.4					
UC0000A	1.3					
UC0000A	50					
UC0000A	3.2					
UC0000A	130					
UC0000A	41					
UC0000A	12					
UC0000A	68					
UC0000A	3.6					
UC0000A	16					
UC0000A	80					
UC0000A	11					
UC0000A	51					
UC0000A	32					
UC0000A	77					
UC0000A	26					
UC0000A	33					
UC0000A	77					
UC0000A	80					
UC0000A	26					
UC0000A	11					
UC0000A	39					
UC0000A	1400					
UC0000A	25					
UC0000A	27					
UC0000A	24					
UC0000A	180					
UC0000A	2.6					
UC0000A	72					
UC0000A	16					
UC0000A	76					
UC0000A	9.5					
UC0000A	17.2					
UC0000A	10					
UC0000A	35					
UC0000A	24					
UC0000A	1.8					
UC0000A	11					
UC0000A	16					
UC0000A	4.3					
UC0000A	14					
UC0000A	9.9					
UC0000A	3.3					
UC0000A	6					
UC0000A	5.4					
UC0000A	26					
UC0000A	5.6					
UC0000A	8.8					
UC0000A	17					
UC0000A	18					
UC0000A	13					
UC0000A	35					
UC0000A	13					
UC0000A	8.7					
UC0000A	17					
UC0000A	15					
UC0000A	23					
UC0000A	65					
UC0000A	2.7					
UC0000A	23					
UC0000A	11					
UC0000A	20					
UC0000A	15					
UC0000A	23					

SUMMARY OF SEDIMENT PCB SAMPLE RESULTS WITH UNSPECIFIED DEPTHS
(PPM DRY WT.)

Location ID	Concentration
UC0000A	ND(0)
UC0000A	89
UC0000A	1
UC0000A	1
UC0000A	97
UC0000A	124
UC0000A	41
UC0000A	ND(0)
UC0000A	10
UC0000A	57
UC0000A	73
UC0000A	32
UC0000A	15
UC0000A	177
UC0000A	16
UC0000A	ND(0)
UC0000A	ND(0)
UC0000A	85
UC0000A	115
UC0000A	20.1
UC0000A	1.1
UC0000A	3.6

SUMMARY OF SURFACE SOIL PCB SAMPLE RESULTS
(PPM DRY WT. (SAMPLE INCREMENTS IN FEET))

Location ID	0-0.5	0.5-1	1-1.5	1.5-2	2-2.5	2.5-3
UC0000A	ND(0)					
UC0000A	ND(0)					
UC0000A	89					
UC0000A	1					
UC0000A	1					
UC0000A	97					
UC0000A	124					
UC0000A	41					
UC0000A	ND(0)					
UC0000A	10					
UC0000A	57					
UC0000A	73					
UC0000A	32					
UC0000A	15					
UC0000A	177					
UC0000A	16					
UC0000A	ND(0)					
UC0000A	ND(0)					
UC0000A	85					
UC0000A	115					
UC0000A	20.1					
UC0000A	1.1					
UC0000A	3.6					

SUMMARY OF SOIL PCB SAMPLE RESULTS FROM TANK REMOVALS
(PPM DRY WT.)

Location ID	NSW*	SSW*	ESW*	WSW*	Bottom*
UC0000A	ND	ND	ND	ND	ND

SUMMARY OF SOIL PCB SAMPLE RESULTS FROM EXCAVATIONS WITH UNSPECIFIED DEPTHS
(PPM DRY WT.)

Location ID	Concentration
UC0000A	6,440
UC0000A	10
UC0000A	18
UC0000A	18

SUMMARY OF SOIL PCB SAMPLE RESULTS WITH UNSPECIFIED DEPTHS
(PPM DRY WT.)

Location ID	Concentration
UC0000A	4.5
UC0000A	3
UC0000A	ND(0)
UC0000A	ND(0)

SUMMARY OF SOIL BORING PCB SAMPLE RESULTS
(PPM DRY WT. (SAMPLE INCREMENTS IN FEET))

Location ID	0-0.5	0.5-1	1-1.5	1.5-2	2-2.5	2.5-3
UC0000A	ND(0)					
UC0000A	ND(0)					
UC0000A	3					
UC0000A	ND(0)					
UC0000A	ND(0)					
UC0000A	0.15					
UC0000A	ND					
UC0000A	ND					
UC0000A	11.4	3.95	2,000(1,200)	83	209	40
UC0000A	11.5	2	5.2	270		0.13
UC0000A	1.6	1.6	1.4	44.9		0.3

- TABLE NOTES:**
1. --- = No sample collected.
 2. ND(0.05) = Not detected. Detection limit in parenthesis, (if available).
 3. [1.1] = Duplicate analysis result shown in brackets.
 4. J = The analyte was detected and is considered an estimated value.
 5. P = The analyte is detected in the sample. The percent differences calculated from two dissimilar GC columns is greater than 25%. The value should be considered estimated.
 6. * = Indicates the location where samples were collected in excavation area.
 - NSW = North sidewall
 - SSW = South sidewall
 - ESW = East sidewall
 - WSW = West sidewall
 - Bottom = Bottom of excavation

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PRE-DESIGN INVESTIGATION WORK PLAN
FOR UNKAMET BROOK AREA
**EAST AREA - EXISTING PCB AND
APPENDIX IX+3 SOIL SAMPLE
LOCATIONS AND PCB DATA**

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

FIGURE
A-3